Undergraduate Catalog

2011 - 2012

Georgia State University

2011-2012 Undergraduate Catalog

These catalogs provide information regarding all of the undergraduate and graduate programs offered by Georgia State University during the 2011-2012 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 ... 1
1010 Mission Statement ... 1
1020 Accreditation ... 1
1030 Degrees and Certificates Offered by Georgia State ... 1
1040 Academic Resources ... 6
1050 Policies and Disclosures ... 8
1055 Family Educational Rights and Privacy Act (FERPA) ... 14
1060 Access to Student Records ... 19
1100 Undergraduate Admissions ... 21
1110 Office of Undergraduate Admissions ... 21
1115 General Admission Policy ... 21
1120 Freshman Applicants ... 22
1125 Transfer Applicants ... 25
1130 Postbaccalaureate Applicants ... 26
1135 Transient Applicants ... 27
1145 Nontraditional Applicants ... 28
1150 Joint Enrollment (Accel Program) ... 28
1154 Early College ... 29
1155 GSU-62 Program ... 30
1165 International Students, Students with Non-U.S. Credentials, and Non-native Speakers of English ... 30
1170 Reentry Applicants ... 32
1175 Academic Regulations that Apply to Various Admission Categories ... 33
1200 Financial Information ... 35
1210 Tuition and Fees ... 35
1220 Georgia Resident Status ... 37
1230 Financial Aid ... 38
1240 Scholarships and Awards Offered Through a College or Department ... 41
1300 University Academic Regulations ... 53
1302 General Information ... 53
1310 Academic Advisement and Development ... 53
1320 Course Credit ... 59
1330 Registering for Classes ... 66
1332 Revision of Class Schedules (Add/Drop/Withdraw) ... 71
1334 Class Attendance ... 73
1336 Final Examinations ... 74
1340 Classification of Students and Courses ... 74
1350 The Grading System ... 76
1352 Academic Recognitions ... 80

1360 Academic Support ... 80
1380 Academic Honesty ... 82
1382 Student Complaints, Petitions for Policy Waivers and Variances, and Appeals ... 86
1400 University Degree Requirements and Graduation ... 87
1405 Learning Outcomes ... 87
1410 Core Curriculum Requirements ... 87
1415 Area G & Beyond ... 93
1420 Regents' Reading and Writing Requirements ... 93
1425 Federal and State Constitution and History Requirements ... 93
1430 Critical Thinking Through Writing (CTW) Requirement ... 93
1435 Critical Thinking, United States, and Global Issues Requirements ... 93
1437 Major Requirement and Minors Policy ... 94
1440 Academic Residence Requirement ... 94
1450 D Grade Credit Restriction ... 94
1460 GPA Requirement ... 94
1470 No "I" Requirement ... 94
1480 Semester Hours Requirement ... 94
1490 Graduation Information ... 95
1500 Student Life and Services ... 97
1502 African-American Student Services and Programs ... 97
1504 Auxiliary and Support Services ... 97
1506 Child Development Center ... 101
1508 Civic Engagement ... 101
1510 Counseling and Testing Center ... 101
1512 Dean of Students ... 102
1514 Disability Services ... 103
1515 Educational Opportunity and TRIO Programs ... 103
1516 Health Services ... 105
1518 Intercollegiate Athletics ... 105
1522 New Student Programs and Parent Relations ... 105
1524 Ombudsperson ... 106
1526 Recreational Services ... 106
1528 Student Health Promotion ... 107
1530 Student Government Association ... 107
1534 Student•University Center ... 107
1536 University Career Services ... 109
1538 University Committees ... 109
1540 University Housing ... 110
1600 Teacher Preparation ... 111
1605 Entry into Teacher Education ... 112

1610 Educational Field Experiences and Student Teaching 113
1615 Teacher Certification 115
1620 University Recommendation 115
1625 Application for Teacher Certification 115
1630 GACE Content Assessments 115
1635 Teacher Education Core 116
1640 Professional Education Faculty (PEF) 116
1650 Teacher Education Warranty 116
1700 Honors College 119
2000 Andrew Young School of Policy Studies 121
2010 Office of the Dean 121
2020 Academic Regulations 125
2030 College-level Degree Requirements 125
2050 Student Complaints, Petitions for Policy Waivers and Variances, and Appeals 125
2060 Student Organizations 126
2070 Academic Departments and Faculty 126
2105 Criminal Justice 129
2110 Economics 133
2120 International Economics and Modern Languages 138
2130 Public Policy 141
2140 Social Work 145
2150 Graduate Programs in the Andrew Young School of Policy Studies 148
3000 College of Arts and Sciences 151
3010 General Information 151
3020 College Academic Regulations 154
3030 College Degree Requirements 155
3040 Office of Academic Assistance 157
3050 Student Complaints, Petitions for Policy Waivers and Variances, and Appeals 158
3060 Departments and Faculty 158
3070 Research Centers and Areas of Focus Programs 162
3080 Facilities and Projects 165
3090 African-American Studies 166
3100 Anthropology 169
3110 Applied Linguistics and English as a Second Language 171
3120 Arabic 174
3130 Art and Design 174
3140 Arts Administration - Speech and Theatre 185
3150 Asian Studies 186
3160 Astronomy 189
3170 Biology 189

3180 Chemistry ... 195
3190 Classical Studies ... 197
3200 Community Studies ... 199
3210 Computer Science ... 200
3220 English ... 203
3230 English as a Second Language (ESL) ... 211
3240 Environmental Science ... 212
3250 Ethics ... 213
3260 European Union Studies ... 214
3270 Film and Video ... 216
3280 French ... 217
3290 Geosciences ... 221
3300 German ... 227
3310 Gerontology Institute ... 230
3320 History ... 231
3330 Intensive English Program ... 233
3340 International Studies ... 234
3350 Italian ... 235
3360 Italian Studies ... 237
3370 Japanese ... 238
3380 Journalism ... 239
3390 Latin ... 241
3400 Law and Society ... 241
3410 Mathematics and Statistics ... 243
3420 Middle East Studies ... 248
3430 Military Science and Leadership ... 251
3440 Music ... 253
3450 Philosophy ... 266
3460 Physics ... 270
3470 Political Science ... 276
3480 Pre-Law Programs ... 279
3490 Pre-Medical Programs ... 279
3500 Psychology ... 279
3510 Religious Studies ... 283
3520 Sociology ... 284
3530 Spanish ... 289
3540 Speech ... 292
3550 Teacher Preparation Programs ... 294
3560 Theatre ... 294
3570 Women's Studies ... 297

4000 College of Education ... 301
4010 Faculty ... 303
4020 Students' Responsibilities ... 304
4030 College Academic Advisement ... 304
4050 College Academic Regulations ... 305
4050 Program Degree Requirements ... 307
4110 Birth Through Five ... 307
4120 Early Childhood Education ... 309
4100 Exercise Science ... 313
4130 Health and Physical Education ... 315
4140 Middle Level Education (B.S.E.) ... 318
4200 Minor in Urban Education ... 322
4300 Certification Only Programs ... 323
4400 Graduate Degree Programs ... 324
5000 School of Health Professions ... 327
5010 General Information ... 327
5020 Academic Regulations ... 327
5030 Degree Requirements ... 328
5040 Academic Advisement ... 328
5050 Student Complaints, Petitions for Policy Waivers and Variances, and Appeals ... 329
5060 Honors and Awards ... 329
5130 Nutrition ... 329
5140 Respiratory Therapy ... 331
6000 College of Law ... 335
7000 J. Mack Robinson College of Business ... 337
7010 General Information ... 337
7020 Academic Regulations ... 338
7030 B.B.A. Degree Requirements ... 339
7040 Office of Undergraduate Academic Assistance ... 342
7045 Robinson Career Management Center ... 343
7050 Student Complaints, Petitions for Policy Waivers and Variances, and Appeals ... 344
7060 College Honors Day ... 344
7070 Beta Gamma Sigma ... 344
7080 Business Learning Community ... 344
7090 Departments and Faculty ... 345
7100 School of Accountancy ... 346
7110 Department of Computer Information Systems ... 348
7120 Department of Economics ... 349
7130 Department of Finance ... 350
7140 Institute of Health Administration ... 351

7150 Honors Program ... 352
7160 Cecil B. Day School of Hospitality Administration ... 352
7170 Institute of International Business ... 354
7180 Department of Managerial Sciences ... 356
7190 Department of Marketing ... 357
7200 Department of Real Estate ... 359
7210 Department of Risk Management and Insurance ... 359
7220 Actuarial Science ... 360
7230 Legal Studies ... 360
7240 Risk Management and Insurance ... 361
7250 Graduate Programs Offered by the J. Mack Robinson College of Business ... 361
8000 Institute of Public Health ... 363
9000 Byrdine F Lewis School of Nursing ... 365
9010 General Information ... 365
9020 Academic Regulations ... 365
9030 Degree Requirements ... 366
9040 Academic Advisement ... 370
9050 Student Complaints, Petitions for Policy Waivers and Variances, and Appeals ... 370
9060 Honors and Awards ... 370
Appendix I: Course Descriptions ... 371
Course Subjects ... 371
Definitions ... 372
Course Prefix, Name and Description ... 372
Appendix II: Administration and Faculty ... 583
The University System of Georgia ... 583
The Board of Regents ... 584
Georgia State University Administration ... 586
Faculty ... 587

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, health-care, 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 $277 million in scholarships, financial aid, and work-study programs is provided annually.

The university is ***responsive*** to students' career goals, providing over 250 undergraduate and graduate degree programs in 62 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, the School of Health Professions, the College of Law, the School of Nursing, the Andrew Young School of Policy Studies, and the Institute of Public Health. 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 80 accredited institutions of higher learning and enrolls some 31,000 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 other nations. Georgia State has a racially diverse student body with 45 percent being white, 33 percent black, 13 percent Asian/Pacific Islander, 3 percent mixed race, 0.3 percent American Indian, and 6% unreported. Seven percent of Georgia State students define their ethnicity as Hispanic.

1010 Mission Statement

As the only urban research university in Georgia, Georgia State University 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

Economics	B.A., B.S., M.A., Ph.D.
Criminal Justice	B.S., M.S.
Disaster Management	G. Cert.
International Economics and Modern Languages	B.A.
Nonprofit Management	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., G. Cert., M.S.W.

1030.20 College of Arts and Sciences

African-American Studies	B.A.
Anthropology	B.A., M.A.
Applied Linguistics	B.A., M.A., Ph.D.
Art	B.A.
Art Studio	B.F.A., M.F.A.
Art Education	B.F.A., M.A.Ed., Ph.D.
Art History	M.A.
Arts Administration - Speech/Theatre	B.I.S.
Asian Studies	B.I.S.
Astronomy	Ph.D.
Biological Sciences	B.S., Ph.D.
Biology	M.S.
Chemistry	B.S., M.S., Ph.D.
Classical Studies	B.I.S.
Communication	M.A., Ph.D.
Community Studies	B.I.S.
Computer Science	B.S., M.S., Ph.D.
English	B.A., M.A., M.F.A., Ph.D.
Environmental Science	B.I.S.
Film and Video	B.A.
French	B.A., M.A.
Geography	B.A., M.A.
Geology	B.S., M.S.
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.
Hydrogeology	G. Cert.
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 and Statistics	B.S., M.A.T., M.S.
Middle East Studies	B.I.S.
Music	B.Mu., M.Mu.
Music Management	B.S.
Philosophy	B.A., M.A., M.A. /J.D. ***
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.
Theatre	B.I.S.
Translation and Interpretation	G.Cert.
Women's Studies	B.A., G. Cert., M.A.

1030.30 College of Education

Behavior/Learning Disabilities	M.Ed.
Birth Through Five	B.S.E.
Communication Disorders	M.Ed.
Counseling Psychology	Ph.D.
Counselor Education and Practice	Ph.D.
Early Childhood Education	B.S.E., M.Ed., Ed.S., Ph.D.
Education of Students with Exceptionalities	Ph.D.
Educational Leadership	M.Ed., Ed.S.
Educational Policy Studies	Ph.D.
Educational Psychology	M.S., Ph.D.
Educational Research	M.S.
English Education	M.A.T., M.Ed.
Exercise Science	B.S., M.S.
Health and Physical Education	B.S.E., M.Ed.
Kinesiology	Ph.D.

Instructional Design and Technology	M.S., Ph.D.
Mathematics Education	M.A.T., M.Ed.
Mental Health Counseling	M.S.
Middle Level Education	B.S.E., M.A.T., M.Ed.
Multiple and Severe Disabilities	M.Ed.
Reading, Language, and Literacy Education	M.A.T., M.Ed.
Rehabilitation Counseling	M.S.
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.S.

1030.40 School of Health Professions

Nutrition	B.S., M.S.
Respiratory Therapy	B.S., M.S.

1030.50 College of Law

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

1030.60 J. Mack Robinson College of Business

Accountancy/Accounting	B.B.A., G. Cert., M.B.A., M.P. Acct., M.S.I.S., M.S.I.S.AC., Ph.D.
Actuarial Science	B.B.A., M.A.S., M.B.A.
Computer Information Systems	U. Cert, B.B.A., G. Cert, M.B.A., M.S., Ph.D.
Business Economics	B.B.A., M.B.A., M.S.
Enterprise Risk Management	G. Cert.
Entrepreneurship	M.B.A.
Finance	B.B.A., M.B.A., M.S., Ph.D.
General Business	M.B.A.
Health Administration	M.H.A., M.S.H.A.
Hospitality Administration	B.B.A., U. Cert., M.B.A.
Human Resource Management	M.B.A., M.S., Ph.D.
International Business	M.B.A., M.I.B, UCert.
Managerial Sciences	B.B.A., M.B.A., M.S., Ph.D.

Marketing	B.B.A., M.B.A., M.S., Ph.D.
Operations Management	Ph.D.
Personal Financial Planning	G. Cert., M.S.
Real Estate	G. Cert., B.B.A., M.B.A., M.S.R.E., Ph.D.
Risk Management and Insurance	B.B.A., M.B.A., M.S., Ph.D.
Taxation	M, Tx.

1030.70 Brydine F. Lewis School of Nursing

Nursing B.S., M.S., G. Cert., Ph.D.

1030.80 Institute of Public Health

Physical Therapy	D.P.T.
Public Health	G. Cert., M.P.H.

* Joint program with College of Law and Andrew Young School of Policy Studies.

** Joint program with Georgia Institute of Technology.

*** Joint program with College of Law and College of Arts and Sciences

**** Joint program with J. Mack Robinson College of Business.

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.P.T.	Doctor of Physical Therapy
Ed.S.	Specialist in Education
G. Cert.	Graduate Certificate
J.D.	Juris Doctor
M.A.	Master of Arts
M.A.T.	Master of Arts for Teachers
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.H.A.	Master of Health Administration
M.H.P.	Master of Heritage Preservation
M.I.B.	Master of International Business
M.L.M.	Master of Library Media
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.S.	Master of Science
M.S.H.A.	Master of Science in Health Administration
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. Inside, a variety of technology services are provided and supported. Over 400 computers, plus wireless access, are available throughout the building. The building also includes 55 group study rooms, a large quiet study room, as well as a variety of other comfortable study spaces. Housing over 1.5 million volumes, the University Library's collection includes books, journals, periodicals, and government documents. Subject librarians are available to help students, faculty, and the community use the resources that are provided, with a librarian assigned to work with each of Georgia State's academic departments, assisting with discipline-specific research. In addition, the University Library's Special Collections and Archives preserve rare historical materials. Complimenting the physical collection, extensive electronic journals and databases are also available through the library's website. For information about the University Library and its hours, visit www.library.gsu.edu/ or call 404/413-2820.

The College of Law Library is designed and equipped to meet the demanding research needs of students, faculty, and members of the legal community. With a collection of more than 164,000 hard-copy volumes and hundreds of online databases, the library provides legal research materials in various formats. For information about the Law Library and its hours, visit law.gsu.edu/library/.

1040.20 Information Systems and Technology

Information Systems and Technology (IS&T) provides and supports state-of-the-art technology resources for the Georgia State University community. Student technology resources include Windows and Apple computers that are equipped with Internet access and a variety of software applications to help meet academic requirements. Students can access computers in many locations on campus, including the University Library Learning Commons, Aderhold Learning Center, Digital Aquarium, Alpharetta Center and Brookhaven Center.

Some IS&T services for students include campus-wide wireless connectivity (CatChat), e-mail, online file storage (Lockerbox), online training by Element K (eTraining) and Web page hosting. Visit www.gsu.edu/ist/index.html for a complete list of services and instructions on getting started. For technical assistance or more information, contact the Help Center at help@gsu.edu or 404/413-HELP (4357).

1040.30 Alpharetta and Brookhaven Centers

In addition to the downtown campus, Georgia State University provides instruction at the Alpharetta Center and the Brookhaven 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. At the Brookhaven Center, the J. Mack Robinson College of Business offers an MBA curriculum convenient to students in the vicinity of Buckhead and Brookhaven. The Alpharetta Center is located at 3705 Brookside Parkway, Alpharetta, Georgia. For Alpharetta Center information, call 404/413-2200. The Brookhaven Center is located at 4362 Peachtree Road, NE, Atlanta, Georgia. For Brookhaven Center information, call 404/413-5100.

The Robinson College of Business also offers the Executive MBA program as well as non-degree Executive Education at a Buckhead location, Tower Place 200, 3348 Peachtree Road, Suite 400, Atlanta, Georgia. For EMBA information, call 404/-413-7182. The Robinson College of Business also offers the Professional MBA program at a Henry County location, 125 Westridge Industrial Boulevard, McDonough, Georgia and at a Perimeter location, Palisades Building D, Suite 100, 5909 Peachtree-Dunwoody Road, NE, Atlanta, GA 30328. For information on the PMBA program , call 404-413-7050 .

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 45-minute information sessions at 10:00 a.m. and 2:00 p.m., and 90-minute campus Atlanta tours at 10:45 a.m. and 2:45 p.m. Both will help familiarize you with our campus and downtown Atlanta.

Campus Atlanta tours incorporate the best of Georgia State University and downtown Atlanta. On the tour facilitated by a Welcome Center tour guide, you will see Atlanta landmarks such as CNN, the Georgia Aquarium and top Fortune 100 companies; plus the Rialto Center for the Arts, the Helen M. Aderhold Learning Center, and student housing. In addition, you will see popular locations like the Student Recreation Center and the Student Center.

Complimentary parking is provided to visitors who register in advance for any of these sessions. For more information, or to schedule an information session or Campus Atlanta tour, please visit the Welcome Center online at www.gsu.edu/tour_gastate.html. To schedule a special group tour for 10 to 50 people, please register online at webdb.gsu.edu/visit/visitForm/group_tours.cfm 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 in Alumni Hall, suite 134. You may contact the Welcome Center at 404/413-2063 or by e-mail 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 in touch, informed, involved, and invested in their Alma Mater. The Alumni Association provides networking opportunities through academic, special interest, and geographic alumni clubs; personal development through career services and educational programs; leadership and volunteer opportunities in student recruitment, legislative advocacy and community service; 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 by publishing 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, faculty, staff, and students through the Sparks Awards, Alumni Distinguished Service Award, Alumni Distinguished Achievement Award and the Distinguished Community Service Award.

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.gastatealumni.net/.

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 the Rialto, Alpharetta Center, Lofts, and Student Recreation Center were acquired as a result of the efforts of the foundation. Most recently the foundation constructed the University Commons student housing complex.

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 — 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 e-mail 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

Georgia State University has a procedure by which students who believe they have been discriminated against by the University in violation of the Americans With Disabilities Act (ADA) or Section 504 of the Rehabilitation Act of 1973 may file complaints about the discrimination or denial by the University to provide a requested accommodation. The right to file a complaint pursuant to this disability complaint procedure may be forfeited unless exercised within 30 days of the alleged discriminatory act or denial of accommodation. All properly filed complaints will be heard by a subcommittee of the University ADA Committee and a final decision will be rendered by the Provost. Copies of the disability complaint procedure are available at the Office of Opportunity Development/Diversity Education Planning and the Office of Disability Services.

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 www2.gsu.edu/~wwwdos/codeofconduct.html.

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 www2.gsu.edu/~wwwdos/ 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 Alumni 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 Alumni 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 www.gsu.edu/es/catalogs_courses.html), and the Student Code of Conduct www2.gsu.edu/~wwwdos/codeofconduct.html 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
      a. 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.
      b. 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.
      c. 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
      a. 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.
      b. 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.
      c. 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.
      d. 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.
      e. 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.
      f. 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/administrative_organization.htm.) 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 Associate 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 Associate 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 www.gsu.edu/administrative_organization.html.) 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 Associate 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 Associate 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 Associate 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:
   a. The section number from the Catalog (or otherofficial University document) of the policy or requirement from which the student is requesting a waiver
   b. the deviation being sough;
   c. the reason(s) why the exception should be granted
   d. a current copy of the student's academic evaluation record
   e. a current copy of the student's Georgia State University transcript (unless the petitioner is not yet a Georgia State student)
   f. transcripts from all other colleges the student has attended (if the petitioner has attended other colleges).
4. Admissions Appeals (Appeals of Rules Currently in Section 1100 of the Catalog)
   a. Appeals of denial of admission and for waivers of the admissions rules will be made in the first instance by the Director of Admissions.
   b. If the petition is denied, the student may appeal to the Admissions 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 Admissions.
   c. The Director of Admissions will copy the Chair of the Admissions Appeals Committee on all letters to students notifying them of results of their petitions. Every semester, the Director of Admissions 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. This report will cover all admissions petitions, including those considered by the Special Talents Committee. Any member of Admissions and Standards may review the documents of any petition when there is a legitimate educational interest.
   d. This motion policy does not change the Special Talents policy or the policy on admissions discipline review.
5. Financial Aid Appeals (Appeals of Rules Currently in Section 1200 of the Catalog)
   a. Appeals of financial aid rules will be made in the first instance by the Director of Financial Aid.
   b. If the petition is denied, the student may appeal to the Financial Aid Appeals Committee, a committee appointed by the Associate 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.
6. Add, Drop and Withdraw Appeals (Appeals of Rules Currently in Section 1332 of the Catalog)
   a. Appeals of the add, drop and withdrawal rules will be made in the first instance by the University Registrar.
   b. 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.
   c. 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.
   d. This motion policy does not change the Hardship Withdrawal policy.
7. 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)
   a. 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 Student 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.
   b. If the petition is denied by the Director of the Student 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 Student Advisement Center.
   c. The Director of the Student 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 Student 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.
8. Academic Regulation and Graduation Requirement Appeals (Appeals of Rules currently in other parts of Sections 1300 and 1400 of the Catalog)
   a. Appeals of other university-level academic rules and graduation requirements will be made in the first instance by the Academic Director of Student Retention.

b. 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 Academic Director of Student Retention.
c. The Academic Director 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 Academic Director 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.

9. Subsequent Appeals
   a. 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 Associate 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.
   b. The student may appeal the Associate 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.
   c. 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.
   d. 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; Institute 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)

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. 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 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, address (both local and permanent), e-mail address, 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 and, with respect to members of athletic teams, height, weight, age, hometown, hobbies, and general items of interest. Exception: final graduation lists and programs will include all students who are graduating, unless otherwise stated on the Graduation Application.

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 at www.gsu.edu/es/20824.html (under Records Access), 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:
      a. identify the records to be disclosed,
      b. identify the person or class of persons to whom the disclosure may be made,

c. specify the time period during which consent is applicable, and*
d. be signed and dated.

* A *Consent to Release Information to Third Parties* form is available online at www.gsu.edu/es/20824.html under Records Access.

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 at www.gsu.edu/es/student_information_suppression.html, and turn it in to the One Stop Shop, 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
www.gsu.edu/admissions
E-mail: admissions@gsu.edu

1115 General Admission Policy

Georgia State University welcomes applications from all qualified students regardless of race, sex, religion, disability, or cultural background. Admission is based on a number of factors, depending upon level of entry and previous educational experience. Admission into and placement within Georgia State will be determined by the Office of Undergraduate Admissions using the criteria approved by the University Senate. Applicants who have been educated outside the United States should consult Section 1165. The admission requirements have been developed in accordance with the rules and regulations of the Board of Regents of the University System of Georgia and have evolved from studies of student performance at Georgia State. These studies have identified factors and criteria that indicate a reasonable chance of successful completion of academic work at Georgia State. Admission decisions are based on a previous record of satisfactory academic performance, test scores, personal qualities and circumstances, character, and good conduct. **Admission is a selective process and meeting minimum requirements does not guarantee acceptance.** A student has the right to appeal the admission decision as provided in the bylaws of the Board of Regents.

Any applications received after the stated deadline for the term of application will be processed for the next available term and the application fee will not be refunded. Any application received without a designated term will be processed for the next available term and the application fee will not be refunded. Approval for admission is valid only for the term specified at the time of acceptance and does not imply that approval will be granted for a term not specified. The application will be valid for 3 terms (the initial term plus 2 additional terms). Students wishing to be considered for a subsequent term must submit a reactivation form (www.gsu.edu/admissions/reactivation.html) and any required credentials by the application deadline date for that particular term.

If an applicant (a) is on academic probation, suspension, exclusion, or any other type of academic warning at any previously attended institution, (b) is ineligible to enroll at any previously attended institution, (c) is currently charged with, or has been found guilty of, any violation of academic honesty, honor code, or conduct regulations of a previously attended institution, (d) left a previous institution while there were pending charges of any violation of academic honesty, honor code, or conduct regulations, (e) is currently charged with or has been found guilty of any violation of a federal, state or municipal law, regulation or ordinance other than minor traffic violations, including offenses for which any type of first offender status has been granted, (f) has ever entered a plea of guilty, no contest, nolo contendere, or an Alford plea, or has otherwise accepted responsibility for the commission of a crime, (g) has received any type of discharge from military service other than an honorable discharge, then the applicant's case will be reviewed to insure that the applicant meets the satisfactory academic performance, good character, and good conduct requirements noted above. If, after a letter of acceptance has been issued, information comes to light that shows that an applicant did not meet all admission requirements or that an applicant's application contained omissions or misrepresentations, the applicant's offer of admission will be automatically revoked. If this information comes to light after the student has enrolled, the applicant's enrollment at Georgia State will automatically be terminated and earned credit may be revoked.

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.

In accordance with the Board of Regents policy (see Policy Manual 4.1.6) and starting Fall 2011, a person who is not lawfully present in the United States is not eligible for admission to Georgia State University. All applicants must provide documentation of their legal presence in the US. Applicants will be required to submit a copy one of the following documents with the admissions application: Georgia driver’s license, Georgia identification card, U.S. passport, birth certificate, or permanent residence card.

Admission to Georgia State University or reentry 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 Lewis School of Nursing or the School of Health Professions and who 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.

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 www.gsu.edu/admissions/apply.html. 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 four deadlines for Fall application to the University, including Early Action, Scholarship Consideration, Priority Decision, and Regular Decision. Application submission deadlines are as follows:

Early Action Deadline	November 1st
Scholarship Deadline	January 3rd
Priority Deadline	February 1st
Regular Decision Deadline	March 1st

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 students 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 1 of their senior year to receive an admission decision no later than January 8. Only those applicants with completed admission files, including test scores, transcripts, 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 core academic course 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 students an early decision with no obligation to enroll; this option is only open to freshmen who apply for the **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 November 1.

Early Action applicants will receive notification of their admission decision in January, and may be offered admission for fall, 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

students 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.

Priority Decision Deadline

Freshmen applicants choosing this plan must submit their application and all supporting documentation no later than February 1 of their senior year. . Those applicants with completed admission files, including test scores, transcripts, fee, and any requested additional documentation will be notified no later than February 15

Regular Decision Deadline

Freshmen applicants choosing this plan must submit their application and all supporting documentation no later than March 1 of their senior year. Those applicants with completed admission files, including test scores, transcripts, 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 core academic 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	Priority Deadline Dates	Regular Deadline Dates
Spring	October 1	October 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 a college preparatory diploma 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 a student for admission consideration.
- Have completed the University System of Georgia Board of Regents' College Preparatory Curriculum. Sixteen 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 (3 units): at least one laboratory course from the life sciences and one laboratory course from the physical sciences. (Students 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 16 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. However, applicants are advised that the average SAT range for admissible freshmen is 1030-1200, and the ACT range is 22-27.
- 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 16 of the academic (college preparatory) courses** taken such as English, mathematics, science, social studies, and foreign language.

High-Ability CPC-Deficient Freshman

Certain high-ability students are eligible for admission to Georgia State even if they have not fully completed the College Preparatory Curriculum (CPC). Applicants who have graduated from high school and have:

- completed the CPC English requirement,
- completed the CPC Math requirement,
- two 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 CPC deficient freshman. High-ability applicants with CPC deficiencies will have their files reviewed individually and some may be admitted. No more than 100 high-ability CPC deficient freshman will be admitted in any academic year.

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

Students 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 College Preparatory Courses (CPC) 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** CPC 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 CPC requirements.

Option Two: SAT Subject Test Admission

Students 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 Modern and Classical Languages, utilizing 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 www.gsu.edu/admissions/transfer.html. 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 (www.gsu.edu/admissions/reactivation.html), 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 **Priority Deadline Dates** listed below.

Semester	Priority Deadline Dates	Regular Deadline Dates
Fall	February 1	June 1
Spring	October 1	November 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 College of Health and Human Sciences may have earlier deadlines. Please contact the Office of Academic Assistance, College of Health and Human Sciences, 404/651-3064, 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 1120.30).
- 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.

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 completed with grades of C or higher (grades of D discussed below) that parallel the curriculum of Georgia State University will be accepted for transfer credit. Developmental, vocational, and occupational courses will not be accepted for transfer credit. Credit must have been earned at institutions of higher education with full accreditation by a regional association of colleges and schools and, where appropriate, the Commission on Colleges. The determination of how transfer credit may be used to satisfy the specific course requirements for a degree is made by the Student Advisement Center or the college that administers the degree program requirements. The colleges also have the privilege to test the student's proficiency in transferred coursework.

A maximum of 12 semester hours where grades of D have been earned may be applied toward degree requirements. These 12 semester hours include both resident credit (earned at Georgia State) and transfer credit. Transfer credit will not be given for English composition courses where grades of D have been earned. Additional restrictions in credit accepted for courses where grades of D have been earned may be included in certain degree programs. Be sure to check the description of your planned program in this catalog. No credit will be awarded for a grade earned at a foreign institution that is equivalent to a grade of D in the United States.

The University will not award credit for English composition courses taken at institutions located in non-native English speaking countries.

A maximum of 60 academic semester hours from a two-year college or 81 academic semester hours from a four-year college may be applied in the program for which the applicant enrolls. 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.

Because the university has a minimum academic residence requirement, the amount of transfer credit applicable to a degree program may be further limited (see Section 1430).

Georgia State does not grant credit for College-Level General Educational Developmental Tests, USAFI courses, or courses completed at any United States armed forces service schools, with the exception of the military academies.

For those students seeking a baccalaureate degree, transfer credit for degrees previously awarded by other institutions will be granted as follows:

1. Students will be granted credit for all of Areas A-E of the core curriculum (see section 1410) and the Regents' Test (see section 1420) if they hold one of the following:
   a. A baccalaureate from a regionally accredited institution of higher education in the United States, or
   b. The equivalent of a baccalaureate from a regionally accredited institution of higher education in the United States (as certified by Georgia State or a Georgia State-approved agency such as Joseph Silny and Associates, Inc.), or
   c. An associate's degree designed to transfer to a baccalaureate program from a USG institution
2. However, there are two exceptions to the policy stated in 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 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. A students wishing to seek a second baccalaureate degree should refer to Section 1125. Georgia State University graduates should refer to Section 1170.

Deadlines

Semester	Regular Deadline Dates
Fall	July 1
Spring	November 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 College of Health and Human Sciences should apply to the university as a transfer student. Please contact the Office of Academic Assistance, College of Health and Human Sciences, for information on procedures and deadline dates.

Admission Requirements

Postbaccalaureate students **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 students 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.

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	Regular Deadline Dates
Fall	July 1
Spring	November 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 Adviser 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 www.gsu.edu/es/office_of_the_registrar.html 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.

- In order to continue for an additional summer semester as a transient, a student must file a reentry 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. 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 Nontraditional 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 1120.30 or have satisfactorily completed the GED.
- Have not attended college within the past five years.
- Have earned fewer than 30 transferable semester (45 transferable quarter) credit hours.

Deadlines

A non-traditional applicant must follow the freshman deadlines (see Section 1120.20) for submitting an application, nonrefundable application fee and transcripts. Applicants are encouraged to apply online at www.gsu.edu/es/admissions.html.

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 Joint Enrollment (Accel Program)

Definition

Joint enrollment (Accel Program) is an opportunity for the academically outstanding high school student to enroll as a special undergraduate student. This program is designed to allow superior high school students to utilize university resources to provide extra enrichment and challenge to their junior or senior year. All schedules are subject to the approval of the appropriate high school official and Georgia State University.

Deadlines

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

Semester	Regular Deadline Dates
Fall	April 1
Spring	November 1
Summer	April 1

Note: All deadlines are subject to change.

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 the following minimum requirements:

- Completion of all CPC requirements, with the exception of the units of high school English, mathematics, and/or social science which may be fulfilled through the satisfactory completion of approved Georgia State courses.

- A minimum high school GPA of 3.0 in college prep (CPC) courses.
- A minimum SAT verbal/critical reading score of 530, or minimum ACT English score of 23.
- A minimum SAT math score of 530, or minimum ACT math score of 22.
- A minimum freshman index (FI) of 2600 for seniors and 2700 for juniors

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 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 GSU.

Deadlines

Applicants must submit the application and required documents by the appropriate deadline. Early College deadlines are set by joint agreement of the GSU 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 GSU.
- 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 CPC requirements.
- Achieve a minimum high school GPA of 2.75 in college prep (CPC) courses. (Note: In 2012 when Georgia high schools go to a single diploma, CPC (College Prep Curriculum) courses will be renamed “Required High School Curriculum (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 GSU 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 GSU.

- They may not attend classes during the summer semester except by special permission of the GSU Student 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. See Financial Regulations below.)
- The courses in which they are enrolled must be part of GSU’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 GSU courses approved by their high school guidance counselor and GSU Student Advisement Center.
- If they earn a GSU cumulative GPA below 2.0, in next semester students must either attend a USG 2-year institution (that is a GSU Early College partner) or attend only high school. They may return to GSU 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. GSU 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.

Deadlines

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

Semester	Priority Deadline Dates	Regular Deadline Dates
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 passport, verifying proof of your age.)
- Must be classified as a Georgia resident in accordance with the Regents' Requirements for Resident Status.

GSU-62 students will register on a space available basis during late registration. No tuition and fees will be assessed except for supplies or laboratory fees. The student will be responsible for all student fees associated with obtaining a Georgia State University identification card (PantherCard). 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).

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, (fax) 404/413-2002, (e-mail) admissions@gsu.edu, or www.gsu.edu/admissions/international.html

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, 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 www.gsu.edu/es/admissions.html.

Semester	Priority Deadline Dates	Regular Deadline Dates
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 college preparatory curriculum 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 CPC 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 an independent evaluation service. Applicants should submit an application to Josef Silny and Associates, Inc., along with the appropriate fee for the document-by-document evaluation and grade point average equivalent (required for first time university students) or the fee for the course-by-course evaluation (required for students with previous university attendance). Fees from overseas must be in the form of an International Money Order. Applicants must also submit to Josef Silny and Associates, Inc., official transcripts, diplomas, and certified English translations. Josef Silny and Associates, Inc., will return original documents to the applicant if a self-addressed, stamped envelope is included with the application for evaluation.

Applicants with detailed questions about this evaluation process should contact Josef Silny and Associates, Inc., at 305/273-1616, 7101 SW 102 Avenue, Miami, FL 33173, or online at www.jsilny.com.

Although the university recommends Josef Silny and Associates, Inc., evaluations will be accepted from the following services: Educational Credential Evaluators, Inc., P.O. Box 514070, Milwaukee, Wisconsin 53203-3470 or World Education Services, Bowling Green Station, P.O. Box 5087, New York, NY 10274-5087.

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 IELTStest 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 (www.gsu.edu/gstep).

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 www.gsu.edu/iep.

1170 Reentry Applicants

Definition

An undergraduate reentry applicant is a student who previously enrolled at Georgia State University and who wishes to reenroll 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.

The reentry application cannot be used in the following situations:

- Transient and postbaccalaureate students cannot apply for reentry 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 reentry 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 reentry admission and the **nonrefundable** reentry application fee must be submitted or postmarked by the established deadlines. Applicants are encouraged to apply online at www.gsu.edu/admissions/reentry.html . 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 reentry application. Reentry 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 (www.gsu.edu/admissions/reactivation.html), and any additional credentials that may be necessary by the appropriate deadline. The reentry 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 Priority Deadline Dates listed below. Any reentry application received after the regular deadline for the term indicated on the reentry application will be processed for the next available term and the application fee will not be refunded.

To Return in	Priority Deadline	Regular Deadline
Fall	February 1	June 1
Spring	October 1	November 1
Summer	February 1	April 1

Note: All deadlines are subject to change.

Admission Requirements

Degree-seeking Reentries. Students that previously attended 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. Reentry applicants must be eligible to return to their last institution of attendance for the term of desired reenrollment at Georgia State in order to be granted admission as a reentry 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 reentry.
- Undergraduate students reentering 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 Student 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 reentry.

Transient Reentries. Students wishing to apply for reentry 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 reentry 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.

Degree-seeking to Postbaccalaureate Reentries. Previous degree-seeking students wishing to reenroll 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 Reentries. 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 reentry 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 reentry must complete a new reentry 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 reenter must complete a new reentry form for the semester that they wish to attend.

1200 Financial Information

The Office of Student Accounts, 100 Sparks Hall, www.gsu.edu/studentaccounts, is responsible for assessing tuition and fees and processing payments. The Office of Student Financial Aid, 102 Sparks Hall, www.gsu.edu/es/financial_aid.html 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 adviser 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 www.gsu.edu/studentaccounts. 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 - www.gsu.edu/gastate_apply_online.html
- Graduation fee - www.gsu.edu/es/applying_for_graduation.html
- Late registration fee - www.gsu.edu/es/22037.html
- Housing fees - www.gsu.edu/housing/Forms.html

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 GSU and are part of an official GSU 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 the Residency Section of the Office of the Registrar, www.gsu.edu/es/residency.html

Waivers of All Fees

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

- GSU 62 students. See section 1155.10.
- Employee tuition remission students who take no more than 8 hours and register during late registration.

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://www.gsu.edu/studyabroad/40110.html.

Students who have paid fees at other institutions do not receive a waiver of Georgia State University fees. To apply for a fee waiver, go to the Dean of Students website, www2.gsu.edu/~wwwdos/waiverrequest.html and complete the Fee Waiver Request Form.

1210.20 Payment of Tuition and Fees

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. Students who cease to attend but do not formally drop their classes using PAWS at paws.gsu.edu will suffer financial and academic consequences. Students who continue to attend classes after the University has dropped them will not receive course credit and 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 *Registration Guide* at www.gsu.edu/es/registration_guide.html. Failure to meet payment deadlines will have financial and academic consequences.

Payment by Credit Card

Georgia State University accepts 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% 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, Office of Student Accounts, 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 $29.00. 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* www.gsu.edu/es/registration_guide.html.

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 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. 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. Students who sign up for direct deposit (www.gsu.edu/es/tuition_and_fees.html) receive their refunds faster, and in a more secure manner, than students whose refunds are mailed.

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 www.gsu.edu/housing 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 www.gsu.edu/auxiliary.

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 1430.)

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

If a student or accepted applicant has been classified as a non-resident and wishes to contest the classification, he/she must petition for resident classification using the form found at www.gsu.edu/images/Downloadables/GSU_tuition_classification.pdf. After attending as a non-resident, if a student wishes to change his/her tuition classification, he/she must petition www.gsu.edu/es/residency.htmlusing this same form.

Deadlines for Petitions

To ensure timely processing, petitions and all required documents must be submitted to the Residency Section of the Office of the Registrar (227 Sparks Hall) no later than the end of regular registration. Final determination of Georgia residence 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	The last day of regular registration
Spring	Oct 1	The last day of regular registration
Summer	Mar 1	The last day of regular registration

If a petition is approved, classification will not be retroactive to prior semesters. Students who have filed a petition must respond to all Email requests for information within 10 business days. These Emails will be sent to the student's official GSU Email address. The petitions of students who fail to respond within 10 business days will be denied for a lack of documentation. A student/applicant 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 Residency Section of the Office of the Registrar within 20 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 www.gsu.edu/es/financial_aid.html.

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 www.gsu.edu/es/financial_aid.html.

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 Pullen Library for more sources of private scholarships.

Helping Outstanding Pupils Educationally (HOPE) Scholarships

Helping Outstanding Pupils Educationally (HOPE) is a Georgia scholarship program that rewards students' hard work with financial assistance in degree, diploma, and certificate programs at any eligible Georgia public or private college, university, or public technical college. HOPE awards cover tuition and some fee expenses. HOPE-BOOK is a stipend for books and supplies, calculated based on hours attempted, and may be applied to any outstanding fees for the term in which the stipend was awarded. For more information regarding the HOPE scholarship you may visit the Georgia Student Finance website at 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 up to $4000 per year ($16,000 total for an undergraduate program; $8000 total for graduate studies) in 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 (three-quarter time students may receive up to $3000; and half-time students may receive up to $2000.

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 www.dl.ed.gov. The student must also complete a Master Promissory Note (MPN) at www.dlenote.ed.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 www.dl.ed.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.

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 Work-Study and Employment

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 Program

The purpose of the Federal Work Study 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.

On-campus Employment

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 www.gsu.edu/jobs. 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 (www.gsu.edu/career) 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 (www.gsu.edu/career) 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' benefits. Any veteran who wishes to attend Georgia State University under any of the veterans' 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 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 www.gsu.edu/es/veterans_services.html**.**

Continuing students who wish to receive benefits must complete the Veterans Information Sheet through the Office of the Registrar each academic term. 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 ascertain the amount and schedule of their checks at www.gibill.va.gov.

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.

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.

- **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.
- **Criminal Justice Undergraduate Academic Honor Student Award:** This award is presented to the student who has maintained the highest grade point average in the undergraduate criminal justice program in his or her senior year.
- **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 and the School of Social Work, is given annually to one social work and criminal justice student.
- **Diane B. Davis Award:** This is the highest academic award/honor the School of Social Work gives to a BSW student. The award is given to a graduating Bachelor of Social Work student who has earned a minimum grade point average of 3.75 and who has demonstrated outstanding performance in field and expressed commitment to the social work profession.
- **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.
- **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 MSW student
- **Social Work Field Education Honors:** Awarded to up to three graduating BSW students with a minimum of 3.0 grade point average whose performance in field practicum is above and beyond the expected requirements. Students who show initiative and creativity in their field placement and who have followed all of the field requirements as specified in the Field Manual are given highest consideration for the awards.
- **Wanda K Cardwell Memorial Award:** This award was created in memory of Wanda Cardwell, a BSW and MSW graduate of Georgia State University. The award is given to a BSW and/or MSW student who has shown perseverance in obtaining their social work degree despite obstacles.

Honors

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 Scholarships

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

- **Lucile Sauls Allen Memorial Theory/Composition Scholarship:** Awarded to a student majoring in music who demonstrates exceptional talent and academic achievement in music theory/composition. This scholarship was established in 1991 by Susan Tepping, music faculty, and friends.
- **Applied Linguistics/ESL – CPUA Scholarship:** Awarded to students in good standing in undergraduate or graduate program in the Department of Applied Linguistics.
- **The Susan Babush Memorial Scholarship Award:** This award is presented to a student who demonstrates artistic abilities (preference being in the area of graphic design) and financial need.
- **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. This scholarship was established in conjunction with the Atlanta Chapter of the National Academy of Recording Arts and Sciences.
- **Alfredo Barili String Scholarships:** Awarded to students majoring in music who demonstrate exceptional talent on a string instrument. This scholarship was established in 1996 by Dr. Cherry Emerson.
- **Terry F. Barker Scholarship:** Awarded annually by the Terry F. Barker Fund, Inc., to a journalism or public relations major in memory of the Gwinnett Daily sportswriter and former student of the Department of Communication, Georgia State University.
- **The Rick Bell Jazz Scholarship:** This scholarship is awarded to a student majoring in jazz studies who demonstrates exceptional music talent. This scholarship was established by Danny and Rick Bell and friends.
- **John Bent Award for Excellence in Radio-TV-Journalism:** Awarded by the Atlanta Press Club to an outstanding journalism senior.
- **Theresa Nash Bernstein Scholarship in International Travel**: Awarded to an undergraduate or graduate student, majoring in psychology or a related discipline, who is traveling to do research or study in a country the student has not yet visited.
- **The Robert L. Blakely Scholarship in Anthropology:** Awarded to an undergraduate or graduate student who shows strong potential in the field of anthropology in memory of Dr. Blakely's contribution to anthropological education.
- **The Paul Groves Blount Scholarship:** Awarded to a full-time undergraduate or graduate student who is an active member, pledge or affiliate in good standing of the Epsilon Nu Chapter of Pi Kappa Alpha Fraternity.
- **The Haskell and Mabel Boyter Choral Music Scholarship:** Awarded annually to a Georgia State University junior or senior music major whose concentration is choral music education. The scholarship is based on demonstrated outstanding academic achievement and leadership in the choral art.
- **Thomas M. Brumby Scholarship:** Awarded annually to a student majoring in music who has demonstrated exceptional talent on a keyboard instrument and outstanding academic achievement. This scholarship fund was established in 1988 through gifts from the Brumby family, university music faculty, and friends.
- **William C. and Loula Nixon Cantrell Scholarship:** Awarded annually to a rising senior in either history or political science.
- **The Robert F. Clayton, Jr. Memorial Scholarship:** Awarded annually to a student majoring in percussion who demonstrates exceptional musical talent. Established by the Clayton family and friends in memory of Robert Clayton.
- **Marion Bowen Davis Scholarship:** Presented annually to a female student who is enrolled in the School of Art and Design and who is majoring in illustration or painting, or in a major where fabric/fibers or wearable objects are aligned with the fashion field.
- **John Demos Memorial Scholarship:** Awarded to a student majoring in music who demonstrates exceptional talent on a woodwind instrument, preferably clarinet. Established in 1998 by the Demos family and friends.
- **William G. (Billy) Densmore Scholarship for Singers:** Awarded to a talented voice major who is selected to perform in the opera workshop. This scholarship was established in 2002 by Billy Densmore and friends.
- **Darius and Nathan Flinchum Memorial Scholarship:** Established in honor of a former student and his father, this scholarship is awarded annually to a rising junior who has earned at least a 3.0 average and who is distinguished by excellent character. The scholarship is awarded to a classics major and covers tuition for one academic year.
- **Ernst Fritz Memorial Fund:** The Ernest Fritz Memorial Fund was established to support the Geology Field Course with the first priority being the support of scholarships on a need basis to help defray the cost of attendance. The second priority is to provide operating support for the Geology Field Course with the intent of lessening the cost for all students.
- **Martha Wren Gaines Research Fellowship:** Research support awarded annually to a student who pursues a research project in the Georgia Women's Movement Archives.

- **Gerontology Alumni Scholarship and/or Fellowship**: Awarded to an undergraduate or graduate student studying Gerontology with an outstanding academic record.
- **Edwin and Ina Gerschefski Cello Scholarship:** Awarded to a student majoring in music who demonstrates exceptional talent on the cello. This scholarship was established in 1999 by Martha Gerschefski and friends.
- **Jeremy Gillen Endowed Memorial Scholarship in Anthropology:** Awarded to an outstanding anthropology senior who shows strong potential in the field of anthropology in memory of Mr. Gillen's enthusiasm for anthropology
- **The Nancy Goyer Endowed Scholarship in Art & Design:** Awarded to a female undergraduate majoring in Drawing and Painting showing outstanding achievement.
- The WGCL-TV Leigh Green Memorial Scholarship in Broadcast Journalism: This scholarship is awarded to broadcast journalism major.
- **The George Greiff Scholarship:** This scholarship is awarded annually to an outstanding print journalism student in honor of George Greiff, a former journalism professor at this university.
- **The Charles and Rosemary Hall Music Industry Scholarship:** Awarded to a junior or senior student majoring in the music industry with a 3.0 or higher GPA who demonstrates academic achievement in a music industry concentration in the School of Music. Preference will be given to students who are working part-time in a music industry-related business. This scholarship was established by Charles and Rosemary Hall and friends in 2000.
- **Peter Stillwell Harrower Voice Scholarship:** 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.
- Duane L. and Drada P. Hoover Scholarship in Choral Music: Awarded to students excelling in Choral Music.
- **Carol Rowe Jones and Waymon Jones Scholarship in Gerontology:** Awarded to underrepresented students of the University System of Georgia studying Gerontology.
- **Elizabeth A. Kenny Scholarship in Psychology:** Awarded to rising juniors or seniors completing outstanding studies in psychology.
- **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 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, one of Atlanta's leading citizens and one of the music industry's outstanding music publishers.
- **Henry T. Malone Memorial Scholarship:** 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.
- **The Tom McCollister Memorial Journalism Scholarship:** This scholarship is awarded to an outstanding journalism major who demonstrates an interest in sports journalism. BellSouth Classic and family members of the late Tom McCollister, a golf writer for *The Atlanta Journal and Constitution*, established this scholarship.
- **Ralph Emerson McGill Award for Excellence in Newspaper Journalism:** Awarded by the Atlanta Press Club, this award is given to an outstanding journalism senior dedicated to a career working in the newspaper business.
- **Sally Monsour Graduate Fellowship in Music Education:** Awarded to an undergraduate or graduate, with preference given to students studying Music.
- **Arthur L. Montgomery Music Scholarship:** A scholarship awarded annually 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 May 1985, this scholarship is endowed by a gift to the Georgia State University Foundation/Friends of Music Scholarship Fund from Mr. and Mrs. Arthur L. Montgomery and the Jeanette and Lafayette Montgomery Foundation.
- **Friedrich William Ralf Munster Fellowship in Philosophy:** Awarded to an undergraduate or graduate completing outstanding study in philosophy.
- **William G. Nolan Memorial Scholarship:** Awarded to outstanding students in the Biology Department.
- **The Scott-Norcostco Theater Scholarship**: Awarded to a full-time student in the upper division of undergraduate program pursuing a major in the field of Theater in the GSU Department of Communications or a full-time graduate student studying for an advanced degree in Theater, and showing financial need.
- **David Ogren Memorial Scholarship:** Awarded annually to the most outstanding senior geosciences major on the basis of professional activity, service, participation in departmental activities, and scholastic achievement.
- **The Joseph Perrin Award:** Awardedto students in good academic standing in the School of Art & Design.
- **Eleanor M. Pratt Scholarship for English majors:** Awarded to an outstanding undergraduate or graduate student studying English.
- **The Presser Music Scholarship:** The Presser Foundation Music Scholarship is awarded to a senior music major who demonstrates excellence in music and other academic subjects. The Presser Foundation, Bryn Mawr, Pennsylvania, and the School of Music award the scholarship.

- **Psychology Department Graduate Awards**: Awarded to outstanding Psychology majors.
- **Charles and Catharine Rice Scholarships in Gerontology**: Awarded to three exceptional students from Early County, Georgia, to study gerontology at Georgia State.
- **The Lawrence J. Rifkin Scholarship in Speech Communication:** Awarded to an outstanding undergraduate student majoring in Speech Communication.
- **John Schneider Scholarship in Accompanying:** 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.
- **Scott-Norcostco Scholarship for Technical Theater:** This scholarship was established through the generous gifts of Norcostco, Inc., the Scott-Norcostco Foundation, and the Scott family and is awarded annually to an outstanding student in technical theater.
- **The Robert W. Sellen Scholarship:** Awarded to a meritorious sophomore with a declared major in history and a minimum overall grade point average of 3.0.
- **Mildred W. Seydell Scholarship:** Awarded annually to one or more journalism students on the basis of academic achievement, dedication to the profession, and leadership qualities.
- **The 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.
- **Society of Professional Journalists Scholarship:** Awarded annually by the national professional journalist society to the outstanding journalism graduate of the year.
- **Robert Swiatek Memorial Scholarship:** Awarded annually to a student who excels in the percussion area. It was established in memory of Robert Swiatek who received his master's degree in music education from Georgia State University and whose career as a music educator spanned more than 30 years as band director in several metro area school systems.
- **TRISPRO, Inc., Scholarship:** This scholarship is awarded annually to an outstanding undergraduate major in theater or music. The players, singers, spouses, and friends of TRISPRO, INC established the scholarship.
- **Margaret M. Towers Sculpture Scholarship Fund:** This scholarship is awarded to a deserving undergraduate student who is in good standing and has demonstrated interest and ability in art and design and needs financial assistance to take sculpture classes.
- **The Sam Wallace Memorial Scholarship:** Awarded annually to students in the music industry program of the School of Music. The criteria for selection are 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.
- **Ernest G. Welch Photography Scholarship:** Awarded to outstanding undergraduate or graduate students studying photography.
- **Andrew M. West Memorial Art Scholarship:** Awarded to students majoring in art in the School of Art & Design.
- **Stan Whitmire Scholarship:** Awarded annually to a student majoring in keyboard studies who has demonstrated exceptional talent and outstanding academic achievement. This scholarship was established by Mr. Whitmire, a graduate of Georgia State University with a B.B.A in accounting.
- **Steven Winick Memorial Scholarship:** Awarded to a student majoring in music who demonstrates exceptional talent on a brass instrument, preferably trumpet. This scholarship was established in 1999 by the Winick family and friends of Steven Winick.
- **Charles Thomas Wurm Music 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 January 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.

1240.30 Helping Outstanding Pupils Educationally (HOPE) Scholarships

Helping Outstanding Pupils Educationally (HOPE) is a Georgia scholarship program that rewards students' hard work with financial assistance in degree, diploma, and certificate programs at any eligible Georgia public or private college, university, or public technical college. HOPE awards cover tuition and some fee expenses. HOPE-BOOK is a stipend for books and supplies, calculated based on hours attempted, and may be applied to any outstanding fees for the term in which the stipend was awarded.

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.

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.

1240.50 College of Education Scholarships

- **College of Education Scholarship:** Two scholarships are awarded each fall and each spring to one undergraduate and one graduate student in the College of Education. 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.
- **The Charles McDaniel Scholarship:** Awarded annually to an outstanding junior or senior student who was a Georgia public high school graduate and who is now pursuing a teaching degree. A grade point average of 3.25 is required. Applications and further information may be obtained from the Office of the Dean, College of Education, 404/413-8100.

1240.60 College of Health and Human Sciences 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 Respitory Programs in the College of Health and Human Sciences. 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, College of Health and Human Sciences.
- **Narviar C. Barker Scholarship:** Awarded to a senior BSW student with at least a 2.5 grade point average who has demonstrated commitment to social advocacy, social justice, and family empowerment. Further information may be obtained from the School of Social Work at 404/413-1050.
- **Marshall L. Bowie College of Health and Human Sciences Scholarship:** Established in memory of Marshall L. Bowie, associate dean of the college, by his family and friends. Two $2000 scholarships are awarded annually to full-time undergraduate and graduate students in good standing, enrolled in the College of Health and Human Sciences. Selection priority is given for academic achievement, community service, involvement in college and university activities, and financial need.
- **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.
- **Louise B. Duncan Scholarship:** The Epsilon Alpha Chapter of Sigma Theta Tau provides a scholarship in the amount of $500 that is awarded annually to an undergraduate nursing student upon completion of the junior year. The award is made on the basis of academic achievement, professional accomplishment, and commitment to nursing. Applicants should contact the School of Nursing for further information.
- **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.
- **James L. Maddex, Jr. Scholarship:** This scholarship allows for one or more annual awards for criminal justice undergraduate or graduate students. Each recipient can receive an award of up to $1,000 per semester for a total of four semesters, provided the student remains in good standing. The criteria include (1) current enrollment as a criminal justice student, (2) submission of a letter of application and a statement of goals, (3) demonstrated merit, and (4) a grade point

average of 3.0 or higher. The annual application deadline is March 10. The application is available in the Department of Criminal Justice, 128 Urban Life Building, or on the Department's website at chhs.gsu.edu/cj/.

- **Phil Peters Scholarship Award:** The Department of Criminal Justice offers this scholarship in honor of Phil Peters, Director of the Georgia Bureau of Investigation from 1980-1985. The annual application deadline is March 10. Interested Criminal Justice majors may pick up an application form from the Department of Criminal Justice, 1281 Urban Life Building; however, the completed application and two letters of reference should be submitted to the Georgia State University Office of Student Financial Aid. Students must be Criminal Justice majors, graduate or undergraduate, with a minimum overall GPA of 3.0. Juniors must have completed a minimum of 60-69 semester hours, and seniors must have completed a minimum of 90-99 semester hours. Preference will be given to students who have indicated career goals in law enforcement or students who are already working in the law enforcement field. Undergraduate students must maintain a minimum enrollment of eight semester hours and graduate students must maintain a minimum enrollment of three semester hours.
- **Chris Perrin Memorial Award:** This award was established by the Georgia Council of Juvenile Court Judges in honor of Chris Perrin, long-time advocate for children and Executive Director of the Council. The award, shared with the Department of Criminal Justice and the School of Social Work, is given annually to a social work or criminal justice student who meets the departmental criteria. Further information can be obtained from the department or school.
- **Larry E. Quinn Memorial Award:** This award was established in memory of Officer Larry Quinn, DeKalb County Police Officer and Georgia State University honor student killed in the line of duty. The award of $300 is given annually to a criminal justice student to recognize both academic merit and honorable police service.

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.

- **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.
- **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 an undergraduate or graduate student 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 May 1.
- **Assurant Group Scholarship.** Assurant Group sponsors two annual $2,500 scholarships. One award is given to an RCB junior or senior student majoring in risk management and insurance. The other award is given to a junior or senior RCB student majoring in actuarial science. Selection is based on merit. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by May 1.
- **Atlanta Broadcast Advertising Club Outstanding Student in Advertising Award:** Sponsored by the Atlanta Broadcast Advertising Club and presented to the most outstanding student in advertising at Georgia State University. The criteria include scholarship, interest in the field, leadership, and character. Ideally the student should have completed the advertising sequence. The recipient is chosen by the faculty who teach advertising.
- **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 Association of Insurance Women, Inc.** 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 May 1.
- **Atlanta Chapter, Risk and Insurance Management Society:** The Atlanta Chapter of RIMS sponsors scholarships of up to $2,400 for undergraduate or graduate 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 May 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.

- **Atlantic Mutual Companies Scholarship:** This scholarship of up to $2,500 is awarded to an undergraduate or a graduate student majoring 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 prior to May 1.
- **BDO Seidman Accounting Scholarship:** An outstanding accounting student with high academic achievement receives a cash award from BDO Seidman.
- **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 May 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 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.
- **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 a woman majoring in finance. Academic performance and financial need are considered in determining the recipient of this award.
- **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.
- **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.
- **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 Award:** 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.
- **CIGNA Scholarship:** An annual scholarship of up to $2,000 awarded to an undergraduate or graduate student majoring in actuarial science. Selection is based on academic performance and merit. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by May 1.
- **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 oustanding junior accounting student with strong leadership skills receives a cash award from Crowe Horwath.
- **Deloitte & Touche Achievement Award:** Each year, an undergraduate student with high academic standing and leadership receives a cash award.
- **Jack Dunn Scholarship:** This scholarship of approximately $1,000 is in honor of the former Commissioner of Banking and Finance of the state of Georgia. It is awarded annually to an undergraduate finance major. The recipient must be of outstanding character and plan to pursue a career in banking. Selection is based on academic performance.
- **Educational 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 May 1.
- **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.
- **Financial Institutions Insurance Association Scholarship:** This annual scholarship of up to $2,000 is in memory of Alice Berreysea, Executive Director of FIIA 1994-1999, whose dedication, professionalism, and grace helped to promote the bank

insurance industry and expand FIIA into a recognized international trade organization. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance prior to July 1.

- **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.
- **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.
- **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 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 May 1.
- **Grant Thornton Achievement Awards:** Each year, two outstanding accounting students with high academic achievement receive a cash award of $1,000 sponsored by Grant Thornton.
- **Austin C. Hansen Memorial Scholarship:** In memory of a past chairperson of the School of Hospitality's industry board, Austin Hansen, this scholarship is based on academic and work achievements in the hospitality industry. Contact the School of Hospitality for additional information.
- **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.
- **Elmer Hedge Institute of Real Estate Management Chapter 67 Scholarship:** This scholarship is awarded to a real estate major based on sincere interest in the property management field, financial need, and academic performance. Information is available from the Department of Real Estate. The application deadline is January 31.
- **Klaus Inkamp Scholarship:** Established by the International Special Events Education Foundation (ISEF), this scholarship is in memory of Klaus Inkamp, founding ISEF president and director of meetings and special events for Coca-Cola USA. The Coca-Cola USA Foundation underwrites the scholarship. Eligible students will be hospitality majors who are specializing in special event planning through coursework and industry experience. Contact the School of Hospitality for additional information.
- **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.
- **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 was established in honor of one of the club industry's preeminent leaders, retired general manager of the Cherokee Town and Country Club in Atlanta, John Jordan, MCM, CCM. Eligible students will be hospitality majors concentrating in club management through elective courses and work experience. Contact the School of Hospitality for information regarding the application process.

- **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.
- **Lockheed Management's Gold Key Award:** This award is presented to the outstanding graduating senior in marketing, based on eight or more combined semesters at Georgia State. Grade point average in marketing courses is the criterion along with a minimum of eight semesters completed at Georgia State.
- **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 May 1.
- **The James W. Morton, Jr., Memorial Scholarship:** This $2,000 scholarship is awarded annually to a junior or senior majoring in risk management and insurance. 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 May 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.
- **New York Life International Fellows Program.** This fellowship is available for international undergraduate or graduate actuarial science or risk management and insurance majors. The New York Life Foundation selects recipients, and selection is based on merit. The award amount varies. Recipients are selected by New York Life. Candidates should apply to William R. Feldhaus, Ph.D., graduate program adviser in the Department of Risk Management and Insurance by May 1.
- **New York Life Minority Fellows Program.** This scholarship is available for undergraduate, graduate actuarial science, risk management and insurance majors. The New York Life Foundation selects recipients, and the selection is based on merit. The award amount varies. Recipients are selected by New York Life. Candidates should apply to William R. Feldhaus, Ph.D., graduate program adviser in the Department of Risk Management and Insurance prior to May 1.
- **Outstanding Minority Marketing Student Scholarship:** Awarded annually to one or more outstanding undergraduate or master's level marketing students, who are members of underrepresented minority groups. Students must be marketing majors with outstanding records and have the potential for successful careers in marketing. Deadline: mid-January; contact the Department of Marketing for details.
- **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 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 Alumni 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 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. Eligibility is based on having a 3.5 or higher GPA and being currently enrolled in a RCB degree program AND completing the third year of the BBA program OR completing the first year of a Robinson College master's program. Applications may be obtained from the Institute of International Business or the IIB Web site: iib.gsu.edu/NitaRobinson/about.html.
- **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.
- **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.
- **Society for the Marketing of Professional Services Atlanta Chapter Scholarship:** This $1,000 scholarship is awarded every other year and is dispersed equally over a three-semester period. It is offered to a deserving marketing major who meets these criteria: junior-class standing, outstanding grade point average in at least 45 semester hours of credit at Georgia State University, interest in a career in the marketing of professional services, character, and need.
- **Southeastern Actuaries Conference Scholarship:** At least three full (resident) tuition scholarships are awarded annually to undergraduate actuarial science majors on the basis of scholastic achievement, financial need, character, and participation in extracurricular activities. They are renewable, contingent upon outstanding performance and continued need. Candidates should apply to the Shaun Wang, Ph.D., director of the actuarial science program in the Department of Risk Management and Insurance prior to May 1.
- **Southern Loss Association Scholarship:** The Southern Loss Association awards a scholarship annually to an undergraduate or graduate student who is majoring in risk management and insurance and who exhibits traits of leadership and scholarship. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by May 1.
- **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.
- **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 May 1.
- **The Tausche Martin Lonsdorf Scholarship:** This scholarship is presented annually to an outstanding junior marketing major. This $1,000 scholarship is funded by the local marketing, advertising, and public relations firm, Tausche Martin Lonsdorf. Selection committee will be made up from the faculty of the Department of Marketing. Selection criteria include scholastic accomplishments, grade point average, character, and need. Applications may be obtained from the Department of Marketing's scholarship coordinator. The application deadline is March 15.
- **Bennett Thrasher Accounting Scholarship:** An outstanding senior involved in Beta Alpha Psi receives a cash award from Bennet Thrasher.
- **Ben Trooboff Marketing Award:** This award is presented by the Atlanta Chapter of the American Marketing Association to the outstanding marketing student. The criteria include but transcend scholarship. Student activities are important criteria of this award.
- **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. 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.

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 registration process found by accessing PAWS (Panther Access to Web Services) at paws.gsu.edu.

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 especially 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 E-mail

Every student is assigned an official Georgia State University e-mail address at the time of acceptance. It is essential that students regularly check this e-mail account. Academic departments and student service units across campus use e-mail 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 Hotmail 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. 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 Student Advisement Center is authorized to waive this requirement as long as 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 preorientation at webdb.gsu.edu/preorientation/login.cfm prior to registering for classes.

1310.10 Incept: New Student Orientation

New Student Orientation and Parent Relations
Student Center, Suite 265
www.gsu.edu/incept

Incept: New Student Orientation is the official Georgia State University undergraduate student orientation program administered by New Student Orientation and Parent Relations in the Division of Student Affairs.

At Incept, students will be introduced to numerous areas of Georgia State, which will assist in a successful transition into the University community. From Enrollment Services to Student Life and Auxiliary Services to University Police, students will learn information from different departments and divisions from across the University. Students will hear from: financial aid, one-stop-shop, registrar, bookstore, undergraduate studies, intercultural relations, student clubs and organizations, student advisement, and more. Students will also meet university faculty and staff and receive a tour of Georgia State's unique urban campus in downtown Atlanta. 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.

Incept: New Student Orientation is mandatory for all new freshmen and strongly encouraged for all new transfer students. There are several formats for the Incept: New Student Orientation program designed to meet the specific needs of new students. Incept offers one-day and two-day orientation programs for new freshmen students and one-day and ½-day orientation programs for new transfer students. There is also a special parent and guest orientation program that runs concurrently with all student orientation programs. New Student Orientation and Parent Relations is located in Suite 265 of the Student Center. For more information, please call 404/413-1570 or visit www.gsu.edu/incept.

1310.20 Placement Testing

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. Students may not register for a math course higher than that indicated by their placement test score. See Section 1410.10 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 GSU)

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 GoSolar accounts. This is usually done prior to or in conjunction with Incept.

Currently-(enrolled student that is presently taking classes at GSU)

Students who have enrolled at Georgia State during previous semesters will find test information at the Testing Center website (www.gsu.edu/testing) 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 GSU after a semester or more absence)

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

A diagnostic chemistry test is required in order to register for Chemistry 1211, which is the prerequisite for all chemistry and biology courses. The test is administered by the Chemistry Department on campus at selected times. 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 exempt the test. See chemistry.gsu.edu/Student/1211/regtest.php for additional information.

Placement exams in French, German, and Spanish are also 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 the prerequisites by taking the indicated course or by taking the French, German, or Spanish placement exam and earning a satisfactory score. Students may take the exam from any computer with internet access and a browser. Go to www.gsu.edu/languages and click on the tab for the WebCAPE placement exam. The user name is "gsu user" and the password is "panthers1". Each test takes approximately 20 minutes to complete, and students are given their scores and a recommendation for a class level. 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; e-mail 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) in order 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 Modern and Classical Languages at

www.gsu.edu/languages or e-mail at mclinfo@gsu.edu. For assessment and/or placement in any other languages taught by the Department of Modern and Classical Languages, students are asked to contact the department directly.

1310.30 Student Advisement Center

255 Sparks Hall
www.gsu.edu/success/advisement.html

All undergraduate students are advised in the Student Advisement Center until they have completed 42 semester hours of credit. Upon completion of 42 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 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
www.gsu.edu/success/

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, Virtual Interactive Peer mentoring, 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. 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.

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. SI support courses vary each semester, and 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.

Early Alert Program. The Early Alert program assists underclass 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 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. These students will be assigned an academic coach to help them better identify their academic challenges.

Virtual Interactive Peer Mentoring. The Virtual Interactive Peer Group Mentoring program provides an integrated online academic curriculum as part of the 1st year experience for freshmen students at Georgia State University. The curriculum is designed to help students develop academic skills and identify resources that are available to help them succeed. Through academically-based online interaction with an upperclassman, new students are supported and engaged through one-on-one connections. This program serves students who are not part of the Honors or FLC programs.

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 cores in the Core Curriculum.

Entering LSP

Students are placed into the Learning Support (LS) program 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 LS requirements have been satisfied, students may not take credit courses which require the content or the skills of the LS courses.

Students who have not completed their LS requirements in reading may not take courses in Area A1, Area C1, or Area E.

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

Students who have not completed their LS requirements in mathematics may not take courses in Area A2 or Area D.

Students who have accumulated 20 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 LS requirements are successfully completed.

Students with LS 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 three attempts per academic area (reading, writing, and mathematics) to 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 an academic area within 12 semester hours or 3 semesters, whichever occurs first, the student will be suspended from the university for three years. This rule applies cumulatively across institutions in the University System of Georgia. For example, a student who took 4 hours and one semester of LSP courses in an area and then transferred to Georgia State would only have 8 hours and 2 semesters to complete the LSP requirements.

A student who has not exited one Learning Support area within the twelve-semester hour or three semester limit but has exited or exempted the other areas, may appeal for two additional courses. For each additional attempt, the student must:

- be individually evaluated and determined to have a reasonable chance of success.
- be in an exit level course.
- have reached the limit in only one Learning Support area.

Students whose appeals are granted may take only LSP courses.

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 Student Advisement Center.

1310.55 College Preparatory Curriculum Requirements

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 Student Advisement

Center will advise students about which courses they can choose from to complete a CPC requirement. Credits earned in courses taken to meet CPC requirements do not 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 CPC-required courses before they earn 30 hours and in their first three semesters of enrollment. Otherwise they may not register for any courses except CPC courses until all requirements are complete.

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

1310.70 University Career Services

260 University Center
www.gsu.edu/career

University Career Services (UCS) is a comprehensive career center 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. UCS 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, also housed within UCS (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 across all colleges, are served at UCS. UCS works with all professionals on campus, in particular Academic Advisors and faculty, is supporting student success as it relates to career planning. The UCS Faculty/Advisor/Staff Referral Form is located at www.gsu.edu/career.

Workshops, information and career counselors are available to help students and alumni 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.

Career counseling is available by appointment. UCS offers both individual sessions and group sessions, 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.

University Career Services also has programs and services that connect students, alumni, and employers for internship, cooperative education, and career opportunities, as well as concurrent 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 Internship Program assists students with their experiential education needs. The program helps students search for an appropriate experiential education opportunity and supports their application process (including résumé writing, interview skills, and application). The program works with academic advisors and internship coordinators on campus.

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 GSU 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, adjacent to 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. 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.

For more information, visit the office of University Career Services in 260 University Center or call 404/413-1820 or visit the website at www.gsu.edu/career.

1310.80 International Student and Scholar Services

252 Sparks Hall
www.gsu.edu/isss

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 www.gsu.edu/isss.

Students on nonimmigrant visas who are in temporary financial difficulties should contact ISSS for information about possible assistance including: application process for out-of-state tuition waivers, small emergency loans for non-tuition expenses (through the Eva Whetstone International Student Emergency Loan program), and possible hold on classes if tuition is delayed for legitimate international reasons.

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 www.gsu.edu/isss.

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.studentinsurance.com or through Student Accounts.

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.

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 1430.) 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:

- 2020.10 Andrew Young School of Policy Studies
- 3020 College of Arts and Sciences
- 4050 College of Education
- 5020 College of Health and Human Sciences

- 7020.10 Robison College of Business

Georgia State maintains a web site, www.gsu.edu/success/equivalency_charts.html, 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 Student 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 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

The following regulations pertain to academic credit earned by a Georgia State University degree-seeking undergraduate as a transient student at another accredited institution that the student wishes to receive transfer credit toward a degree at Georgia State. Terms other than transient (such as visiting student, unclassified student, or special student) may be used at other institutions to describe this status. Whatever the term used to describe the student's status, these regulations are applicable to Georgia State students who enroll temporarily at the other institution, with the intention of returning to Georgia State, rather than to students who officially transfer to another institution. These regulations are in addition to those described in this chapter regarding correspondence and extension work.

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

In general, the philosophy that underlies these regulations is the desire to allow students the opportunity to take courses not available at Georgia State that would enhance their degree programs. In addition, for students who have moved from the metropolitan Atlanta area, these provisions allow for possible progress toward the degree during the time away from Atlanta if the move is temporary or for possible completion of the degree if the move is permanent. These regulations are not primarily for the short-term convenience of the students. The following procedures apply:

A degree-seeking undergraduate student who wishes to take academic courses elsewhere as a transient student and apply those credits toward the Georgia State degree must obtain written approval in advance from the Student Advisement Center or the Office of Academic Assistance of his or her college. Failure to obtain written approval in advance may preclude acceptance of the transfer credit and/or will result in the student being required to meet the degree requirements of the catalog in effect at the time he or she reenrolls at Georgia State. The student's advisement office should be consulted to determine the proper procedure for requesting to take courses as a transient student and to learn of any additional regulations applicable to the individual college.

- GPA enrollment requirements for a transient student:
  1. A student must have a minimum Georgia State cumulative GPA of 2.00 and the GPA required to enroll in the Georgia State course which is most similar to the course the student wishes to take as a transient.
  2. A currently enrolled student who does not have the required Georgia State cumulative GPA cannot be approved until the current semester's grades are available and the current academic standing can be determined.
  3. Approval will not be granted more than three months in advance of the semester the student wishes to enroll elsewhere.

- The content of each course to be taken elsewhere must correspond to that of a course allowed or a Georgia State course required in the student's degree program. Course outlines (syllabi) and catalog information may be required so content can be evaluated before approval is granted.
- A course cannot be taken at an institution in the metropolitan Atlanta area as a transient student if either of the following conditions apply:
  1. The course has previously been attempted at Georgia State (including attempts which resulted in a withdrawal);
  2. 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.
- A student may not take courses for degree credit at another institution during the semester he or she expects to graduate from Georgia State.
- In general, a minimum grade of C is required in any course taken elsewhere. A grade lower than C can be accepted only if both of these conditions exist: the student has not yet earned the maximum number of grades of D permitted in his or her program AND the student's degree program allows a grade of D in the particular course taken elsewhere.
- Approval to take courses as a transient cannot be given if such approval will cause the student to violate any aspect of the university's residence requirement (see Section 1440).
- 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.

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, www.gsu.edu/testing. For information on AP and IB, 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.

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

Georgia State awards credit for some DANTES (Defense Activity for Non-Traditional Education Support) Program subject examinations. Please contact the Office of Undergraduate Admissions, www.gsu.edu/admissions, for information.

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 www.gsu.edu/admissions. 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

- History of Art: (3, 4, 5) = AH 1700
- Studio Art: Drawing/General Portfolio: (3, 4, 5) = ART 1010
- Art 2D Design: (3, 4, 5) = ART 1020
- Art 3D Design: (3, 4, 5) = ART 1030
- General 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.

- General Chemistry: (3) = CHEM1211K; (4) = CHEM 1211K and exempt CHEM 1212K if passed above median grade on ACS exit exam; (5) = CHEM 1211K, 1212K
- Computer Science A or Computer Science AB: (3, 4, 5) = CSC 2010
- Economics, Macro: (3, 4, 5) = ECON 2105
- Economics, Micro: (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: (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
- German Language: (3) = GRMN 2001; (4) = GRMN 2001, 2002; (5) = GRMN 2001, 2002 and 3000-level course to be determined after consultation with department
- American 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 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, American: (3, 4, 5) = POLS 1101
- Psychology: (3, 4, 5) = PSYC 1101
- Spanish Language: (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
- Biology = Biol 1103K
- Calculus = Math 2211
- Chemistry = Chem 1099 (elective credit only)
- College Algebra = Math 1111
- College Composition with Essay = Engl 1101
- College Mathematics = Math 1101
- English Literature = Engl 2120
- Financial Accounting = Acct 2101

- French-levels 1 & 2 = Fren 2001, 2002 (see below for additional information)
- 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
- Information Systems and Computer Applications = CIS 2010
- Introductory Psychology = Psyc 1101
- Introductory Sociology = Soci 1101
- Precalculus = Math 1113
- Principles of Macroeconomics = Econ 2105
- Principles of Microeconomics = Econ 2106
- Spanish-levels 1 & 2 = Span 2001, 2002 (see below for additional information)
- 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 www.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 1310
- SL 6-7 = CSC1310, 2010
- HL 4 = CSC 1310
- HL 5 = CSC 1310, 2010
- HL 6-7 = CSC 1310, 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.

1330 Registering for Classes

1330.05 Office of the Registrar

2nd Floor Sparks Hall, Enrollment Services Center
www.gsu.edu/onestopshop

1330.10 Registration Procedures

Students may not attend a course unless they have registered for that course. Detailed information concerning the registration process and registration time-ticket assignments can be found by accessing PAWS (Panther Access to Web Services) at paws.gsu.edu. Each semester students should go online for specific instructions for registering as well as a list of courses offered for the semester. Students are urged to become knowledgeable about registration instructions and to follow them exactly. Registering students are expected to have prepared a registration work sheet before accessing the University's registration system. Unless approved by the department chair, a student may only register for one section of a given course in a given session. 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 and schedule revision procedures. Any problems experienced with registration should be reported to the Enrollment Services Center in person, at 227 Sparks Hall or by e-mail to **onestopshop@gsu.edu** within 24 hours of the occurrence.

1330.12 Registration Notifications

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 for the upcoming registration term and then to continuing students 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. 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 appeals to add a class after late registration has ended, after the 1st Friday of the term, and if the appeal 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.

1330.20 Immunizations

Immunization Office
141 Piedmont Avenue, Suite D
www.gsu.edu/health/immunizations_and_travel.html

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 (Td), 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 GSU Clinic website updates at www.gsu.edu/health.

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, Tetanus/diphtheria, 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, Tetanus/diphtheria and Varicella.
- Students born *outside* the United States on or before 12/31/1956 must show proof of immunity to Tetanus/Diphtheria and Varicella only.
- Students born *in* the United States on or before 12/31/1956 are required to show proof of Tetanus/diphtheria 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, Tetanus/diphtheria.
- Students born 12/31/1980 or later must submit proof of MMR, Varicella and Tetanus/Diphtheria
- Students born *outside* the United States 01/01/1957 or later must provide proof of MMR, Tetanus/diphtheria, 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.

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 www.gsu.edu/health/immunizations_and_travel.html

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 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 course credit.

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 Student 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 for 3000/4000-level Courses

Registration in 3000 and 4000-level courses in the following departments or areas require a specific Georgia State University cumulative GPA (See Section 1350.20 for details on how the cumulative GPA is calculated).

All departments in the Robinson College of Business	2.50 required
Criminal Justice	2.00 required
Film and Video	2.50 required
Journalism	2.50 required (excluding Jour 3500)
Kinesiology and Health (selected courses)	2.50 required

In addition, registration in all 3000 and 4000-level courses in the Robinson College of Business require a total of 45 semester hours earned.

Some departments also have minimum GPA requirements to obtain admission to a particular major or degree. These requirements are specified in the college chapters of this catalog when applicable.

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. 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 www.gsu.edu/es/crossregistration.html.

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 GSU 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 GSU 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.

Procedures

Students who wish to cross register must complete and submit an ARCHE Cross Registration Application to the Office of the Registar, room 225, Sparks Hall. Cross Registration Applications are available online: www.gsu.edu/es/crossregistration.html.

Students who wish to take academic courses at an ARCHE institution must obtain written approval in advance from the Student 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 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.)

1330.50 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.

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.

1330.60 Transcript Request

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 via Georgia State's website PAWS 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 www.gsu.edu/es/transcripts.html.

1330.70 Enrollment and Degree Verification

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

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 www.degreeverify.com.

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 www.gsu.edu/es/office_of_the_registrar.html.

1330.80 Directory Information

Directory Information is defined based on the Family Educational Rights and Privacy Act, which can be located in section 1050 of this Catalog. An enrolled student may request that directory information (name, address, etc) not be public. To make this request, a student should fill out a Suppress Information Form, available at www.gsu.edu/es/student_information_suppression.html, and turn it in to the Enrollment Services Center, 227 Sparks Hall.

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 will 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. Dropped courses do not appear on the student's official record. To remove a course from a class schedule during the published registration period is referred to by the University community as "dropping" a course. After the last day to add/drop a course, students may "withdraw" from a course when they decide to stop attending. 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 revisions must be completed by the official last day to register for course credit as published in the online Semester Calendars at paws.gsu.edu. Students who wish to be allowed to register for a course after the deadline, based on institutional error, should contact the department offering the course.

1332.10 Dropping Classes and Voluntary Withdrawal

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. Students who cease to attend, but do not formally drop their classes using the online registration system in PAWS at paws.gsu.edu will suffer serious financial and academic consequences.

A. Drop Periods, Withdrawal Periods, and Grades of W
   1. **During registration**: When the registration system is open to students each term, students may drop or add classes using the online registration system in PAWS. When a class is dropped during this period, no grade is recorded and no record of the student's being enrolled in the class appears on the student's transcript. Registration ends at 5 p.m. on the first Friday of the term.
   2. **During the second week of classes**: During the second week of classes, faculty has the discretion to request to add or drop students from classes. Factors such as space availability and health and safety regulations may apply to such

requests. When a class is dropped during this period, no grade is recorded and no record of the student being enrolled in the class appears on the student's transcript. The second week of classes ends at 5 p.m. on the second Friday of the term.

3. **After the second week of classes and before the midpoint of the term**: During this period, students may withdraw from a class or classes using the online registration system in 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.)
4. **After the midpoint of the term**: During this period, voluntary withdrawals are not allowed via PAWS.

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 Student 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 semester after the 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.
   a. Hardship withdrawals (see Section 1332.40).
   b. Grades of WF (withdrawal failing).
   c. Grade of WM (withdrawal military).
   d. Withdrawals taken in semesters before Fall Semester 2006.
   e. 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, www.gsu.edu/deanofstudents**.**

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 Hardship Withdrawal

Students may be granted hardship withdrawals when non-academic emergency situations occur which prevent them from completing their coursework (e.g., severe medical problems, traumatic events/circumstances that cause them to miss numerous classes.). Hardship withdrawals are subject to the following restrictions:

- Students are not eligible for hardship withdrawals in any course in which they have completed the course requirements (for example, taking the final exam or submitting the final project).

Students must initiate an application for a hardship withdrawal no later than one academic year after the semester in which the courses were taken. Hardship status normally applies to all courses taken in a semester but in some cases may be granted for partial courses taken in a semester. Students requesting a hardship withdrawal in some but not all of their courses must provide documentation to justify such a partial withdrawal. If a student is granted a hardship withdrawal (full or partial), the instructors of the courses from which the student is withdrawing must award a grade of "W" or "WF," depending on whether the student was doing passing work as of the effective date of the hardship.

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

1332.45 Military Withdrawal

A student who is on active duty or is a military reservist (including members of the National Guard and United States Army Reserve) may withdraw from the University if called for active duty or reassignment. The student must officially withdraw and submit Official Orders to Active Duty to the Enrollment Services Center, 227 Sparks Hall. 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.

1332.50 Non-Academic Withdrawal

In the judgement 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 self or 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 self or 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% 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 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 will 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 majors within a college;
- Officially changes from post baccalaureate status to any degree-seeking status;
- Reenters the university after a period of two or more consecutive years during which time he or she did not earn academic credit at Georgia State;
- 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 received written authorization in advance from his or her college. 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 Student 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 Student Advisement Center is authorized to grant exemptions to this policy.

1340.35 Change of 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 Student Advisement Center or the Office of Academic Assistance of the desired college to determine if special criteria apply.

To request a change of major or college, students should contact the Student Advisement Center or the Office of Academic Assistance of the college in which they are currently enrolled. Students who change 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 Student 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.

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 Student 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 www.gsu.edu/enrollment/dual_degree_programs.html.

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 following grades 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. 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, 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 GSU 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 GSU.

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 adjustment request from the instructor. (If the student enrolled for S/U grading, a U will be assigned.). Using the grade adjustment form, 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 a Hardship 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. Students need not be enrolled to complete assignments for a course in which a grade of I has been assigned. Auditing or retaking the same course will not remove a grade of I. No student may graduate with an incomplete grade.

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 that 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.

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.

1360 Academic Support

1360.10 Scholastic Discipline

There are four levels of scholastic discipline for students: 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 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 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 probation or exclusion**.

Students on warning, supervision, or probation should refer to Section 1360.20 and consult with an advisor in the Student 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 Student Advisement Center at www.gsu.edu/success/advisement.html**.**

Students on **warning** may register for no more than 13 semester hours. They are not required to meet with an academic advisor, although they are encouraged to do so as necessary for help selecting courses, understanding degree requirements and academic regulations, and developing strategies for returning to a 2.0 cumulative GPA.

Students on **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 Student Advisement Center. Appeals of decisions by the director of the Student 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 Student 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 GPA is begun when the student has been approved for academic renewal and is also recorded on the student's official transcript. The renewal 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 in Georgia State academic credit that is retained are not calculated in the institutional GPA. This credit, therefore, is placed in the same category as transfer credit, credit by examination, and courses with grades of S.

- 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 Student Advisement Center.

1. File an application for reentry to the university with the Office of Undergraduate Admissions, 200 Sparks Hall, www.gsu.edu/admissions/re-entry.html.
2. File an application for academic renewal with the Student 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 Student 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

I. 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 Affairs Handbook* and *On Campus: The Student Handbook* and is available to all members of the university community. The policy represents a core value of the university and all members of the university community are responsible for abiding by its tenets. Lack of knowledge of this policy is not an acceptable defense to any charge of academic dishonesty. All members of the academic community — students, faculty, and staff — are expected to report violations of these standards of academic conduct to the appropriate authorities. The procedures for

such reporting are on file in the offices of the deans of each college, the office of the dean of students, and the office of the provost.

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 through the university's Counseling Center.

II. 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 that 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. Any work, in whole or in part, taken from the Internet or other computer-based resource without properly referencing the source (for example, the URL) is considered plagiarism. A complete reference is required in order that all parties may locate and view the original source. 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, computer-based resources, 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: Submission for academic credit of a work product, or a part thereof, represented as its being one's own effort, which has been developed in substantial collaboration with another person or source or with a computer-based resource is a violation of academic honesty. It is also a violation of academic honesty knowingly to provide such assistance. 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 (for example, 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.

III. Evidence and Burden of Proof

In determining whether or not academic dishonesty has occurred, the standard that should be used is that guilt must be proven by a preponderance of the evidence. This means that if the evidence indicating that academic dishonesty occurred produces a stronger impression and is more convincing as to its truth when weighed against opposing evidence, then academic dishonesty has been proved. In other words, the evidence 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. Evidence as used in this statement can be any observation, admission, statement, or document that would either directly or circumstantially indicate that academic dishonesty has occurred.

IV. Procedures for Resolving Matters of Academic Dishonesty

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.

1. **1. Initiation:** 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. In allegations of academic dishonesty involving course requirements, the course faculty member is generally responsible for initiating the action. If the alleged violation involves a departmental program requirement (for example, comprehensive examination or language competency examination) or an institutionally-required test (for example, 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 (for example, 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 evidence, 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 of more than one college involved should have jurisdiction in review and decision-making, either 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. While the matter of academic dishonesty is pending, the student will be allowed to continue in the course and register for upcoming semesters. Should a grade be due to the registrar before the matter is resolved, a grade of GP (grade pending) will be reported for the student in the course involved. Withdrawal from a course does not preclude the imposition of penalties for academic dishonesty.
2. **2. Penalties to be Imposed:** Penalties to be imposed in incidents of academic dishonesty are classified as "academic" or "disciplinary." Academic penalties include such sanctions as assignment of a failing grade for a particular course requirement, or for the course itself, or for other tests or program assignments. Academic penalties are set by the faculty member. Disciplinary sanctions can be sought in addition to those considered academic and could include, but are not limited to, the following penalties: 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 department chair or director, must be reviewed by the University Senate Committee on Student Discipline, and are set by the provost.
3. **3. Action at Administrative Unit (Department 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 that protects the rights and confidentiality of students. If the faculty member believes that academic dishonesty has occurred, the faculty member (with the advice of the chair if necessary) will determine the appropriate academic penalty. The faculty member will complete a "notice of academic dishonesty" form describing the incident and indicating the academic penalty imposed. Any recommendation for a disciplinary penalty must be reviewed in consultation with the chair. The faculty member will deliver to the student the notice of academic dishonesty that includes a statement of appeal rights. If there is difficulty in delivering the notice to the student, the faculty member/chair should request assistance from the college dean in determining the most expeditious way to inform the student that a notice of academic dishonesty has been filed.

   Once the student has been informed, the chair forwards the documentation, including the notice of academic dishonesty and an indication of when the student was informed, to the dean to be held pending possible appeal. Until the student has been given the opportunity to appeal, a grade of GP (grade pending) should be submitted for the student for the course involved.
4. **4. Student Action:** The student will have 20 business days after receipt of the notice of charges of academic dishonesty 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 discriminatorily applied. If the student wishes to challenge a disciplinary penalty, the student must submit a written rationale for challenging the disciplinary penalty within 20 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. The University Senate Committee on Student Discipline automatically reviews all disciplinary penalties 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.
5. **5. College Action:**
   1. 5.1. No Appeal by the Student: If the student does not submit a written appeal to the college dean within 20 business days, the dean will notify the chair/faculty member to post any pending grade(s) immediately. The dean will then forward the notice of academic dishonesty to the dean of students for inclusion in the student's disciplinary file. The Senate

Committee on Student Discipline also will forward any recommendation of a disciplinary penalty to the dean of students for appropriate review.

2. 5.2. Appeal by the Student: If the student submits a written appeal within 20 business days, the dean will notify the registrar to issue a grade of GP (grade pending) for the course(s) in question on all transcript requests for the student pending outcome of the appeal. The dean will forward the charges of academic dishonesty to the chair of a college hearing committee and will notify the faculty member to set forth in writing a comprehensive statement describing the incident of academic dishonesty. This statement will be presented to the committee and to the student at least five business days prior to the hearing.
3. 5.3. Student Hearing Committee Process: The college student hearing committee will use the following guidelines to govern the hearing of the appeal:
   a. Within ten 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 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 evidence regarding the incident in question. The hearing will be recorded on an audiotape. 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 evidence 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 business days of the hearing.
4. 5.4. College Decision on Appeals: Within five business days of receiving the committee's written report, the college dean will make the final decision regarding guilt or innocence. The dean will notify all appropriate parties of the decision. If the 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 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 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 dean will notify the chair to insure that any pending grade is posted promptly. The 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 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. 5.5. 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 20 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.

6. **6. 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 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 and/or the Dean of Students. The Senate Committee on Student Discipline will provide its recommendation within five 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.
7. **7. Provost Action:**
   1. 7.1. Decision of the Provost: The role of the provost in handling student appeals regarding the charge of academic honesty has been explained (see above). Based on the recommendation, the provost will render a decision within ten 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. 7.2. 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 20 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.
8. **8. 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 that have been reported. The dean of students is responsible for initiating this report within 20 business days of completion of proceeding 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 IV.7. of this policy.

Once the student has been informed, the chair forwards the documentation, including the notice of academic dishonesty and an indication of when the student was informed, to the dean to be held pending possible appeal. Until the student has been given the opportunity to appeal, a grade of GP (grade pending) should be submitted for the student for the course involved.

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 www.gsu.edu/enrollment/110.html 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.

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. Students should also remember that they may have only one University System of Georgia home institution at a time. Students who have transferred to Georgia State must petition for permission to take core curriculum courses elsewhere after they have enrolled.

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 Student Advisement Center, 255 Sparks Hall.

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 1220 Survey of Calculus (3)
- Math 1113 Precalculus (3)
- 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, geology, mathematics, 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 www.gsu.edu/testing and click on Tests and then Math Placement.

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 www.gsu.edu/success/institutional_options.html**.**

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)
- MuA1500 Jazz: Its Origins, Styles, and Influence (3)
- MuA1900 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)
- 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)
- 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)
- Latn 1002 Elementary Latin II (3)
- Latn 2001 Intermediate Latin I (3)
- Latn 2002 Latin Prose (3)
- Prsn 1002 Elementary Persian II (3)
- Prsn 2001 Intermediate Persian I (3)
- Prsn 2002 Intermediate Persian II (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 (See Section 3090.45 in the Arts and Sciences section of the catalog).

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 1113 Precalculus (3)
- Math 1220 Survey of Calculus (3)
- Math 2420 Discrete Mathematics (3)
- Phys 2030K Physical Science: Physics of Music and Speech (3)
- Psyc 1100 Natural Science Aspects of 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, Geology, Mathematics, 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)

- 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 College of Health and Human Sciences recommends that students take Chem 1151K and 1152K.

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/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)
- WSt 2010 Introduction to Women's 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 www.gsu.edu/counseling/history_constitution.html.

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

This requirement goes into effect Fall 2012. It is listed in this edition of the catalog only as an information itemCritical 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 cumulative grade point average. All attempts are included in the calculation of the GPA (see Section 1350.20). 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. 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.

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, 1020, 1030 (previous course prefixes: HPRD, HPRS, PE)

Questions may be directed to the Graduation Office, Citizen's Trust Building, 75 Piedmont Avenue, www.gsu.edu/es/graduation.html.

1490 Graduation Information

Graduation Office, Office of the Registrar
Citizen's Trust Building, 75 Piedmont Avenue
www.gsu.edu/es/graduation.html

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. From the Student Records block on the One Stop Shop tab, select Apply to Graduate.

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

Commencement ceremonies are held at the end of the fall and spring academic terms. In order to participate, a student must have completed all degree requirements in accordance with rules and regulations found in this catalog. Diplomas are mailed approximately four weeks following the graduation ceremony. They will be 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 graduation 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 e-mail at bookstore@gsu.edu, or online at www.gsu.edu/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 e-mail at graduation@langate.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 University Registrar, Georgia State University.

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. Special services are also provided by the division in the areas of disabled student services, insurance, community service, and volunteering.

1502 African-American Student Services and Programs

The Office of African-American Student Services and Programs (OAASS&P) serves students, faculty, staff, and community members in areas such as academic advisement, campus involvement, academic support, job and graduate school referrals and recommendations, and graduate research. OAASS&P is a university-wide resource promoting diversity through quality academic services and programs related to the recruitment and retention of African Americans at Georgia State University. The mission of OAASS&P is to assist African American students in getting good grades, staying in school, and graduating. The office also collaborates with several departments, offices, student groups, and community organizations. Through quality in-house, university-wide, and community-supported programming, the office fosters academic skill development, cultural, ethnic, and racial awareness, nurtures organizational development; encourages degree completion; and participates in community service. OAASS&P houses and provides support to over twenty chartered student organizations. The office sponsors several academic, cultural, social, and international activities to ensure that African American students are excellent ambassadors of Georgia State University upon graduation.

OAASS&P contributes to the retention of all students through diverse programs and services. Those programs and services are enhanced by the Minority Advising Program (MAP) which encompasses academic support workshops, the Black Freshman Network, the Black Sophomore Society, Black Junior Achievers, Black Senior Scholars and Superstars, Brothers Keepers, Sisters Keepers, Model African Union, GRE Prep sessions and a Tutorial program. OAASS&P is instrumental in promoting an appreciation for multiculturalism and diversity throughout the university community and celebrating excellence through initiatives such as the Annual Tribute to Achievement Awards Ceremony, OAASS&P Hoops it up for the Hungry Annual Basketball Tournament, Project Link to Africa and Black History Month activities including the leadership of the University-wide Black History Month Committee. OAASS&P recently founded the African American Performing and Visual Arts Council, which promotes the arts and has presented original and popular play readings on-campus. For information call 404/413-1530 or visit the office at Suite 315 Student Center. Hours of operation are from 8:30 a.m.-5:15 p.m. Monday through Friday.

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 the University Bookstore Building. 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: www.gsu.edu/auxiliary.

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: www.gsu.edu/atms.

1504.15 University Bookstore

The University Bookstore, located on the third floor of the University Bookstore Building, 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 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 with a guaranteed 50% buyback on selected textbook titles. The University Bookstore offers a variety of name brand computer products including, Acer Computers, HP Computers, and Dell computers built to University specifications, iPods, 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.gsu.edu/bookstore. 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: 404/413-9525. Email: gsu@bkstr.com. Web: www.gsu.edu/bookstore.

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: 404/413-9500. Fax: 404/413-9525. Email: gsu@bkstr.com. Web: www.gsu.edu/bookstore.

1504.25 PantherDining

PantherDining services include PantherDining Catering services. PantherDining Catering services include: take home party trays, student group catering, conference services, formal or informal dinners, and specialty gatherings. PantherDining offers PantherMeals that provides nutrition, convenience, and flexibility at a guaranteed savings. PantherDining retail locations accept VISA, MasterCard, PantherMeals, and PantherCash. The Dining Hall and Panthers Den also accept American Express.

- **Courtyard:** Located in the Student Center, the Courtyard features Burger King, The Carving Board, Pasta Creations, grab-and-go items, and Einstein Bros Bagels.
- **Dining Hall at 160 Edgewood:** Located at Edgewood and Piedmont at 160 Edgewood Ave., the Dining Hall serves a large variety of choicesin an all you care to eat style dining environment, and is available to the entire Georgia State University Community. PantherMeals Meal Plans, featuring unlimited access to the Dining Hall, are available for purchase to all Students, Faculty and Staff.
- **Dining Hall at Piedmont North Residence Hall:** Located at 175 Piedmont Avenue, the Dining Hall at Piedmont North 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.
- **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, MarketFresh, Freshens 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 market fresh grab and go items.
- **Panthers Den:** located at 75 Piedmont Avenue, Panthers Den serves some of the best pizza, wings, hoagies, and salads. Enjoy your favorite sporting events on one of the many large screen TVs, or play a round of golf on the wall-sized virtual golf simulator.
- **PantherDining Contact Information:**
  - Dining Hall at 160 Edgewood: Phone: 404/413-9630. Web: www.gsu.edu/pantherdining
  - PantherDining Retail Areas Phone: 404/413-9507. Web: www.gsu.edu/pantherdining
  - PantherDining Catering Phone: 404/413-9601. Catering Fax: 404/413-9603. Email: pantherdiningcaterer@gsu.edu.
  - Panthers Den Phone: 404/413/9641. Panthers Den Fax: 404/413-9645
  - Web: www.gsu.edu/pantherdining.

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.

Both the PantherMeals accounts and the PantherCash accounts can be opened at the Auxiliary and Support Services office with cash, check MasterCard, Visa, or American Express.

PantherMeals is a meal plan that features unlimited access to an "all you care to eat" style meal plan in the Freshman Hall located at 160 Edgewood Avenue, Atlanta GA. In addition to the unlimited access to the Dining Hall, PantherMeals also includes PantherPoints allocation per semester which allows students to eat at any PantherDining location on campus adding flexibility

and convenience for Panthers on-the-go. PantherMeals descriptions, pricing and application details are available at www.gsu.edu/pantherdining.

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 on-line at the PantherCard website, 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, and discounts on Fridays at the University Bookstore. Phone: 404/413-9508. Fax: 404/413-9525. Email: panthercard@gsu.edu. Web: www.gsu.edu/panthercard.

1504.35 Travel Services

Travel Services are available to faculty, staff, and students. Travel arrangements may be made for business travel for university employees as well as leisure travel for employees and students. Phone: 404/413-9696. Web: www.gsu.edu/travelservices.

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. PantherExpress Shuttle services transport students from off-campus and housing parking, and other campus locations at no additional charge.

On-Campus Parking

- Student Parking Registration includes information on the vehicle (model, make, color, license tag number).
- 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: M Deck parking semester passes are available on a first-come first-serve basis while supplies last online at www.gsu.edu/parking 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 www.gsu.edu/parking.
- Lofts Parking: Each Semester parking at the Lofts is available for Freshman Hall, Lofts, and Greek Housing residents at the customer service windows of Parking and Transportation. Non-resident Lofts parking permits are also available on a first-come, first-served basis online at the beginning of each Fall, Spring, and Summer semester while supplies last.

Student parking is available in the following locations (with parking attendants on duty from 6:30 am – 10:00 pm, 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)
- Turner Field Blue Lot as specified for students

Panther Express Shuttle Services and Off-Campus Parking

- The PantherExpress 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, reference www.gsu.edu/parking.
- Additional PantherExpress Shuttle Routes schedules are posted online at www.gsu.edu/parking. PantherExpress Shuttle services transport students to and from the University Commons, Aderhold Learning Center, and off-campus University provided parking areas at no charge.

- PantherExpress 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. PantherExpress 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 by texting "Follow GSUParking" to 40404 or simply follow us online at www.twitter.com/gsuparking.

Phone: 404/413-9500. Fax: 404/413-9525. Email: parkingandtransportation@gsu.edu. Web: http://www.gsu.edu/parking.

MARTA AND GRTA

Discounted MARTA cards are available to currently enrolled, fee paying students, faculty and staff, at Auxiliary and Support Services, The Rialto Center for the Arts, Student Accounts Cashier's Office, and the University Bookstore. A valid PantherCard is required to receive the discount. Students, faculty and staff are allowed to purchase only one discounted MARTA card per month. GRTA passes are also available for purchase at the Auxiliary and Support Services customer service windows. Phone: 404/413-9500. Fax: 404/413-9525. Web: www.gsu.edu/auxiliary/29354.html.

1504.45 University Printing and Copy Services

University Printing and Copy Services consists of Copy Corner, University Printing, along with self-operated copy machines on campus, and is dedicated to providing quality and timely printing and copy services to the University community.

- **University Printing**: Located on the parking level of the Urban Life Building, 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 e-mail (printcopyservices@gsu.edu) flash drives, CD, FTP, and diskettes. Accepted methods of payment include PantherCash, cash, check, major credit/debit cards, and interdepartmental charge cards. Phone: 404/413-9586. Email: www.gsu.edu/printcopyservices.
- **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 e-mail (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: www.gsu.edu/printcopyservices.

1504.50 Mail Services

The Mail Services sells stamps and has the ability to mail parcels and other mail as well as serves the University with interoffice mail pickup and delivery. The Mail Services operates a service window in Kell Hall with hours of operation 8:30 a.m. – 4:30 p.m. with general office business hours of 8:30 a.m. – 5:15 p.m. Monday through Friday. Phone: 404/413-9653. Web**:** www.gsu.edu/mailservices.

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: www.gsu.edu/auxiliary/safety.html.

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 chocolates, and a variety of snack items. Cash and PantherCash are accepted at most vending machines with PantherCash discounts available on select vending beverage machines. Phone: 404/413-9500. Web: www.gsu.edu/vending.

1506 Child Development Center

The University maintains the Lanette L. Suttles Child Development Center located in Alumni 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 provides assistance to students, student groups, faculty, and staff concerning volunteer and community service opportunities. The office serves as a clearinghouse and think tank for outreach programs in the metropolitan Atlanta area. Individuals who become involved with projects sponsored by the office strengthen their capacity to help solve the problems faced by society. Active participants can accomplish service goals through sustained and persistent action and have the opportunity to collaborate with many different individuals and institutions. The Office of Civic Engagement also provides leadership opportunities in one of the many organization advised out of the office. Panther Breakaway, Circle K International , Colleges Against Cancer , Habitat for Humanity, and Big Brothers/Big Sisters are some of the organizations advised through the OCE. For a listing of one day and on-going projects, please visit our website at www.gsu.edu/service. Volunteer Solutions, an online database is able to provide service opportunities for individuals and groups based on personal interest; it also allows participants to log and track volunteer hours. Students and student organizations that engage in service projects and log their hours on Volunteer Solutions are eligible for an annual rewards program drawing through the Office of Civic Engagement. For more information on volunteer and service opportunities, please call 404/413-1550, or visit the office in 320 of the Student Center.

Alternative Breaks, also called **Panther Breakaway,** offers students the opportunity to spend their spring and winter breaks serving the community. In the past students have worked in various locations around the southeast United States including Washington D.C., Jacksonville, Orlando, Birmingham, New Orleans, and the Everglades. Students are educated on an issue and perform service projects and strive to address social issues such as literacy, poverty, hunger, homelessness and environmental awareness.

Into the Streets is a month-long program series that introduces and exposes students to thoughtful community service opportunities. It provides participants a chance to go "Into the Streets" of Atlanta to make a difference in the community. Contact the Office of Civic Engagement at 404/413-1550.

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 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 special needs also are available.

Counseling is available by appointment. Additionally, students who are experiencing an urgent situation may be seen on a walk-in basis every day during business hours. 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 counselors in the Center have advanced degrees in social work, counseling, or psychology, 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 on the services offered by the center, please call 404/413-1640, visit the Center at 75 Piedmont Ave., or visit www.gsu.edu/counseling

1512 Dean of Students

1512.10 Student Assistance

The Dean of Students Office-Student Assistance is dedicated to student success and retention through the facilitation of students' knowledge, understanding, and utilization of University systems and resources. The office assists and empowers 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. Visit the office located in the Student Center, Suite 300, website www.gsu.edu/deanofstudents or call 404/413-1515.

1512.20 Student Judicial Affairs

The Dean of Students Office-Judicial Affairs protects the rights and safety of all students and provides students with a process that addresses their educational and developmental needs.

The Georgia State University Student Code of Conduct and Administrative Policies Procedures states the types of actions that infringe upon the campus' climate of civility and the academic integrity of the University. A copy of the Student Code of Conduct and Policies may be obtained on the web at www.gsu.edu/deanofstudents. Students are obligated to be knowledgeable of and to comply with the University's rules, policies, and procedures. An overarching philosophy of judicial affairs is to facilitate students to assume the highest level of responsibility for the outcomes of their life and to develop ethical approaches to their decision-making process.

1512.30 Commuter Student Services

The Dean of Students Office-Commuter Student Services provides services to Georgia State University students, staff, and faculty, dealing with commuter-related issues. The office maintains an off-campus housing website of available housing opportunities such as rooms in private homes, roommates/apartment sharing, short-term leasing, and apartment/house hunting resources. The address for this site is ochousing.gsu.edu.

This office does not approve, inspect, or assume responsibility for those facilities listed on the off-campus 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.

The Dean of Students Office is located in the Student Center, Suite 300. Visit the office or call 404/413-1515 for additional assistance.

1512.40 Emergency Locator

In the event of an emergency such as a life-threatening situation or serious illness, the Dean of Students Office will make an attempt to deliver a message or contact number to a student in class regarding the emergency information. With the exception of public-record information such as name, address and telephone number, information regarding students' class schedules cannot be released for any purpose. Messages can be delivered to students only for emergency situations. The office is open Monday – Friday, 8:30 a.m. - 5:15 p.m. and is located in 300 Student Center. Please call 404/413-1515 for information.

1512.50 Greek Life

While there are many opportunities to get involved at Georgia State, fraternities and sororities stand out as a unique and life-long involvement opportunity. A tradition as rich as Greek Life offers students an opportunity to experience leadership development, to serve hands on in the local Metro-Atlanta and campus community, network with local alumni to form career connections during college and after graduation, and make lifelong friendships, among many others. In addition, at Georgia State as well as nationally, involvement in fraternities and sororities increases students' chances of graduating from college, as well as enhances their overall academic achievement.

There are four governing bodies of fraternities and sororities: the Interfraternity Council (IFC), the Panhellenic Council (PC), the National Panhellenic Council (NPHC), and the Multicultural Greek Council (MGC). Additionally, there is an overall Greek Council, which brings representatives from every chapter together to strengthen the Greek community on campus. With 26 organizations to choose from, students are almost guaranteed to find an organization that provides the experience they are looking for. For further information about Greek Life, please visit www.gsu.edu/greeklife or contact the Greek Life Advisor at 404/413-1580.

1512.60 Intercultural Relations

Intercultural Relations provides opportunities for students, faculty, and staff to engage in meaningful dialogues, actively participate in diversity and cultural programs and participate in training opportunities to enhance their understanding of and appreciation for the immense diversity and numerous cultures present at Georgia State. The Intergroup Dialogue (IGD) Program, Martin Luther King, Jr. Commemorative Week, Feed Your Senses, as well as cultural speakers, performances, art exhibits and lectures are examples of the programs offered by Intercultural Relations. Also, the Intercultural Ambassadors are a group of student leaders which work with the Intercultural Relations office assisting with diversity and cultural programming. For more information about Intercultural Relations visit the IR website at www2.gsu.edu/~wwwicr or contact the Office of the Dean of Students, located in Suite 300 of the Student Center, at 404/413-1515.

1512.70 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 denominations and synagogues doing 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 402 University Center.

1512.80 Student Accident Insurance

A portion of the Georgia State University student activity fee is used to provide accident insurance for enrolled students under certain circumstances and conditions. Students who do not pay a student activity fee may be eligible to purchase accident insurance. In order to receive benefits from this coverage, certain steps must be taken if an accident occurs. For detailed information concerning this coverage, contact the Department of Safety and Risk Management, 34 Broad Street, at 404/413-9545 or visit the website at www.gsu.edu/auxiliary/safety.html.

1512.90 Student Health Insurance

The following groups of Georgia State University students are required to have health insurance.

- Undergraduate and Graduate International Students holding "F" or "J" visa status
- Graduate Students receiving Full-time tuition waivers
- Graduate Students receiving fellowships that fully fund their tuition

Additionally, for those students (domestic and international) 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: www.studentinsurance.com outlines the coverage, benefits and premium for an insurance program specifically designed for Georgia State University students and their dependents.

1512.100 Student Victim Assistance

The Dean of Students Office-Student Victim Assistance provides services 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 on-going follow-up and support as needed. For assistance, please contact the Dean of Students Office at 404/413-1515 or visit us in Room 300 of the Student Center.

1514 Disability Services

The office of Disability Services (ODS) coordinates services available for and provides information upon request to students with disabilities. Students with disabilities are asked to contact the office prior to their first semester to register for assistance and to ensure that appropriate accommodations are made. The office answers questions regarding accessibility and accommodations at the university, maintains a computer lab with accessible hardware and software, provides testing accommodations, and can assist with filing disability-related grievances and complaints.

Please contact ODS, located in 230 Student Center, at 404/413-1560 or, for more complete information, visit the ODS website at www.gsu.edu/disability.

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 doctoral study. Among its current programs are the Child Care Access Means Parents in School, Educational Opportunity Center, Educational Talent Search, Ronald E. McNair Post-Baccalaureate Achievement Program, Student Support Services, 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, see www.gsu.edu/oeo 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 rate of college students who are first generation, demonstrate low income or have a documented disability. The college experience is enhanced for all SSS participants by providing individualized academic assessments, academic, personal and career counseling, tutoring, study skills and related workshops, special services for students with disabilities, 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 www.gsu.edu/oeo/sss.html.

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 rate of undergraduate students majoring in STEM fields who are first generation, demonstrate low income or have a documented disability. 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 are as follows:

- Individual and group tutoring
- Academic and advisement and assistance
- Financial Aid Assistance
- Field Trips
- Supplemental Instruction
- Leadership and Professional Development workshops
- Career Exploration and Development
- Computer Lab
- Grant Aid

Students interested in becoming a Student Support Services/STEM participant may contact the office at 152 Sparks Hall, 404/413-1688.

Child Care Access Means Parents in School (CCAMPIS), a federally funded program within the Office of Educational Opportunity and TRIO Programs, is designed to increase access to postsecondary education for low-income parents by providing quality, affordable and accessible child care services while they further their education. In partnership with the Georgia State Child Development Program, Student Support Services (SSS) participants are eligible to receive child care assistance as they pursue their academic goals. CCAMPIS will pay 50% of child care costs. Students interested in becoming a CCAMPIS participant may contact the office of SSS at 145 Sparks Hall, 404/413-1680. Please visit the SSS website at www.gsu.edu/oeo/sss.html**.**

The Ronald E. McNair Post Baccalaureate Achievement Program (McNair), a federally funded program within the Office of Educational Opportunity and TRIO Programs, is designed to prepare low-income/first generation and underrepresented students for doctoral study. Program activities/services include:

- Guidance in establishing educational and career goals
- Research opportunities for participants who have completed their sophomore year of college
- Faculty mentoring
- Seminars/symposiums and other scholarly activities designed to prepare students for doctoral studies
- Academic Counseling
- Assistance in securing admission and financial aid for enrollment in graduate programs
- GRE preparation
- Assistance with technical writing skills
- Assistance with oral presentation skills

Students interested in participating in the Ronald E. McNair Post Baccalaureate Achievement Program, may contact the office at 152 Sparks Hall, 404/ 413-1688. Please visit the McNair website at www.gsu.edu/oeo/ronald_e_mcnair_program.html.

1516 Health Services

The GSU Clinic can meet all 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 Ave, Ste. D, and office hours are 8 a.m. - 8 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. to 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 cannot take over the phone payments. Please call 404/413-1930 for an appointment or other information, or visit the website at www.gsu.edu/health.

- **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 am to 12 pm. 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 GSU 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.

1518 Intercollegiate Athletics

Georgia State University has an intercollegiate athletics program that competes at the highest level as a member of the National Collegiate Athletic Association (NCAA) Division I and the Colonial Athletic Association (CAA). Other members of the CAA include: Delaware, Drexel, George Mason, Hofstra, James Madison, Northeastern, Old Dominion, Towson, UNC Wilmington, VCU, and William and Mary.

Georgia State sponsors 18 sports programs, including baseball, basketball, cross country, football, golf, soccer, tennis, and track and field for men, as well as basketball, cross country, golf, 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 CAA 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 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.

1522 New Student Programs and Parent Relations

New Student Orientation and Parent Relations introduces new undergraduate students to Georgia State University by offering orientation programs that facilitate student integration into curricular, co-curricular, and University life. The office also provides programs that enhance student development through involvement and leadership opportunities and offers programs that integrate parents and families into the Georgia State community.

New Student Orientation and Parent Relations reaches its goals by implementing the following programs: Incept: New Student Orientation, Panther Welcome, Freshman Convocation, Family Weekend, Parents Association, Parent Programs, Alpha Lambda Delta Freshman Honor Society, and Tau Sigma Transfer Honor Society. New Students Orientation and Parent Relations is located in Suite 265 of the Student Center. For more information call 404/413-1570 or visit www2.gsu.edu/~wwwnew.

1522.10 Parents Association

The Georgia State University Parents Association provides parents of Georgia State students with an opportunity to remain actively involved with their student in their journey together through the college experience. Parents who join the Association have special access to Georgia State including many wonderful events and programs that happen each day on campus. The organization strengthens connections by providing publications, programming, and a variety of involvement opportunities for its members. 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. The Parents Association maintains a website, an online list serve, and publishes several newsletters during the academic year to keep members informed and connected to the Association. For more information on the Parents Association or programs for parents and families, call New Student and Parent Relations at 404/413-1570 or visit the website www2.gsu.edu/~wwwnew.

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

The Student Recreation Center is a four-story, 161,000 square foot facility dedicated to student recreation. The facility houses state-of-the-art exercise equipment and a wide variety of programs including aquatics, instructional clinics, fitness classes, personal training and nutritional counseling, outdoor adventure, intramural competition, sport clubs, and drop-in play. The building has a game room (with billiards, darts, table tennis, foosball, air hockey and Wii games), a 35-foot climbing wall, racquetball courts, squash court, basketball courts, weight room, exercise room, indoor track, swimming pool with spa, sauna and sundeck, aerobic/dance/martial art studios, 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 instructional clinics and other activities, obtain membership information and general information at the Service Counter. All first-time users must complete the on-line waiver. A current validated PantherCard is required for entry into the facility, participation in any recreation activity and for all rentals.

The Touch the Earth outdoor recreation program offers quite a variety of outdoor adventures for beginners and veterans alike. Activities include: hiking, camping, flat and white-water canoeing, kayaking and rafting, horseback riding, rock climbing, caving and more. Instruction, transportation, and most equipment is provided. Break trips are offered during each semester break. Camping and backpacking equipment can be rented for personal use through the Outdoor Rental center. The Challenge Program offers opportunities for team building via group activities and the off-campus ropes course.

Sport Clubs are available to those who have more advanced sport skill and interest in competition. Clubs include badminton, belly dance, bowling, break dancing, Capoiera, cricket, cycling, equestrian, Hapkido, indoor soccer, lacrosse, rock climbing, roller hockey, rowing, swim, table tennis, Taekwondo, triathlon, ultimate frisbee, and wakeboarding. Active status of clubs may change from semester to semester.

The Indian Creek Recreation Area, a 16-acre wooded site in DeKalb County, offers a ropes course, large outdoor swimming pool for use during the summer and year-round use of tennis courts, sand volley ball court, picnic areas. The Indian Creek Lodge is available for use (pending approval), for a fee, by chartered university student organizations and departments for retreats, parties

and meetings. It is not for personal use. Located on a 100-acre site in southern DeKalb County, the Panthersville area provides lighted playing fields and other accommodations for sport clubs, intramural activities and varsity athletic competitions.

Complete information on all scheduled recreation activities, programs, facilities, and regulations is available in the Recreation RAP-UP, published each semester, online at www.gsu.edu/recreation, or by contacting the Recreational Services office in suite 200, Student Recreation Center, or by calling 404-413-1750 or 1780.

1528 Student Health Promotion

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 use, misuse and abuse.
2. **Health and Safety:** includes events and programs on topics such as pedestrian and driver safety, cancer prevention, illness prevention, and personal hygiene.
3. **Healthy Nutrition:** includes events and programs on topics such as healthy eating habits, healthy cooking demonstrations, eating disorders and healthy body image.
4. **Healthy Sexuality:** includes events and programs on topics such as safer sex, sexually transmissible infections, contraception and sexuality. It also includes confidential HIV testing.
5. **Violence Prevention:** includes events and programs on topics such as sexual assault, domestic violence, anger management, and suicide prevention.

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.

1530 Student Government Association

The Student Government Association has existed through the years as the representative body of the students of Georgia State University. The university adheres to the philosophy that self-government is a catalyst for student development. The SGA exists as a means of student self-government and enables elected students to express the opinions of their fellow students in seeking betterment of the university in general. 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 computer and local phone use. The SGA office is located in Suite 400 of the University Center, 404/413-1600.

1534 Student•University Center

Known as the campus meeting place, the Student•University Center is a centrally located and convenient place for Georgia State University students, faculty and staff to study, eat, attend a meeting, and learn about campus life. With a mission to enhance the quality of student life, facilitate a sense of community, and contribute to the learning environment, the Student•University Center hosts over 5,500 programs each year and 22,000 guests daily. This is accomplished through playing host to Greek chapter meetings, student group functions, Panther Prowl, Miss GSU, Spring Fling, department meetings, and other events. With over 28,000 square feet of meeting room space, including a 425-seat Auditorium and spacious Ballroom, the Student•University Center continues to be the hub of campus involvement.

This facility serves as the home to many student services offices, the Student Government Association, Student Activities, University Housing, New Student Programs, Civic Engagement, Disability Services, African-American Student Services and Programs, the Dean of Students, the University Honors Program, Digital Aquarium Computer Lab, Student•University Center Administration, Student Center Reservations, Campus Events, and Spotlight Programs Board.

It also offers the Courtyard food court, ATMs, information desks, e-mail stations, discount tickets to area attractions, three unique student lounges, student organization offices, chapter rooms for many of the university's fraternities and sororities, WRAS-FM radio, the Signal student newspaper, GSTV, Cinefest Film Theatre, Panther Place Lounge, and University Career Services. More information and current building hours can be found online at www.gsu.edu/studentcenter or by calling either the Student Center information desk at 404/413-1850 or University Center information desk at 404/413-1852.

1534.10 Student Programs

Spotlight Programs Board is the student-run programming board on campus. Spotlight is responsible for planning a wide range of entertainment, social activities and educational programs to enhance the quality of life for the diverse Georgia State student body. Spotlight currently has eight committees: Cinefest Film Theatre, Concerts, Graphic Design, Homecoming, Membership, Public

Relations, Panther Prowl, and Special Events. Information about activities or how to get involved can be found at www.gsu.edu/spotlight or by calling 404/413-1610 or visiting 380 Student Center.

The Miss Georgia State University Scholarship Pageant is a preliminary to the Miss America Pageant and an excellent opportunity to earn scholarship money. The pageant is open to all female Georgia State University students between the ages of 17 and 24 and is held annually in the spring semester. For more information, e-mail missgsu@gsu.edu.

Campus Events provides social, educational, and cultural programming to enhance the knowledge and broaden the experiences of Georgia State University students, faculty, and staff. Supported by student activity fees, Campus Events brings the campus community together by organizing events that appeal to the university's varied student body. Annual Campus Events programs include the Distinguished Speaker Series, GSU Night at the Aquarium, College Night at the High Museum, GSU Night at Six Flags, Holidays of the World and a variety of concerts and performing and fine arts events. For more information, call Campus Events at 404/413-1857, e-mail campusevents@gsu.edu or visit www.gsu.edu/studentevents or 370 Student Center.

1534.20 Leadership Development

Leadership Development provides programs and services designed to assist students in their growth and development as leaders on and off campus. 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. More information is available online at www2.gsu.edu/leadership or by calling 404/413-1588.

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, Georgia State's closed-circuit television station, can be seen on channels 74 and 75 at the Georgia State Commons and University Lofts. GSTV also hosts student-produced content on its website. The office is located in 205 University Center or visit online at www.gstvonline.org/.

WRAS-FM is the 100,000-watt student voice of Georgia State. On the air since 1971, WRAS has won local and national awards for its cutting-edge format. Also known as Album 88, WRAS is programmed solely by Georgia State students. The office is located in 280 University Center or visit online at www.wras.org/.

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 academic term. Current issues can be found in over 50 locations on campus. The office is located in 200 University Center or visit online at www.gsusignal.com.

New South is the university's literary magazine published by and for students and showcasing literary and artistic contributions from across the country. *New South* also stages on- and off-campus readings from Georgia State students throughout the year. *Underground*, a journal of GSU undergraduate writing, will debut in Spring 2011. The office is located in 946 General Classroom Building or visit online at www.review.gsu.edu.

1534.40 Student Organizations

Many student organizations exist on campus to help students achieve social, professional, academic and cultural goals; and all students are encouraged to participate in student events and organizations as their interests develop. The student organizations staff also offers leadership programs and education for organization officers, members and advisors. Student activities and organizations are provided for regularly enrolled students. Currently, there are more than 300 chartered student organizations on campus. A listing of all chartered groups and qualifications can be found online at gsu.orgsync.com or in Student Activities, 330 Student Center, 404/413-1580.

1534.50 Honor Societies

The university encourages student excellence in both academic and co-curricular activities through a large number of honor societies. Examples of these are: Alpha Lambda Delta (freshman), Alpha Psi Omega (performing arts), Alpha Upsilon Alpha (literacy), Chi Sigma Iota (counseling), Gamma Theta Upsilon (geography), Golden Key International Honour Society (general), National Society of Collegiate Scholars (first- and second-year students), Omicron Delta Kappa, Order of Omega (Greeks), Phi Chi Theta (business), Phi Sigma Tau (philosophy), Psi Chi (psychology), Tau Alpha Chi (tax) and National Honor Society of Scabbard and Blade (Army ROTC). More information about these campus organizations can be found online at gsu.orgsync.com or in Student Activities, 330 Student Center, 404/413-1580.

1534.60 Professional Organizations

A large number of nationally chartered student groups to promote specific professions operate on the campus, some of which are: Actuarial Science Club, Alpha Kappa Psi (business), American Marketing Association, Art Student Union, Applied Linguistics Graduate Student Association, Delta Sigma Pi (business), Robinson Ph.D. Fellows, Environmental Law Society, James Oglethorpe Legal Society, Journalism History Society, Minority Pre-Med/Pre-Dental Association, National Student Speech-Language-Hearing Association (NSSLHA), Nursing Students at Georgia State University, Pre-Law Club, Philosophy Forum, Nutrition Student Network, National Society of Minorities in Hospitality, Religious Studies Forum, Rho Tau Organization, and Sociology Club. More information about these campus organizations can be found online at gsu.orgsync.com or in Student Activities, 330 Student Center, 404/413-1580.

1536 University Career Services

University Career Services (UCS) is a comprehensive career center 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. UCS 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, also housed within UCS (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 across all colleges, are served at UCS.

Workshops, information and career counselors are available to help students and alumni 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.

Career counseling is available by appointment. UCS offers both individual sessions and group sessions, 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.

University Career Services also 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 GSU 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.

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. 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.

For more information, visit the office of University Career Services in 260 University Center or call 404/413-1820 or visit the website at www.gsu.edu/career.

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 advisory committee to the Dean of Students. The committee is a standing one, as called for in the bylaws of the University Senate, and is responsible for chartering new student organizations; recommending and reviewing proposed changes in university policy that relate to student programming and development; reviewing student code of conduct changes; and facilitating communication among students, faculty, and administrative staff.

1538.20 Student Activity Fee Committee

The Student Activity Fee Committee, including eight 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 Dean of Students and has decision-making responsibility in relation to the business of and annual budget allocations for all student-operated media. Its chief 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 Dean of Students, and to resolve disputes between members.

1538.40 Student Technology Fee Subcommittee

The Student Technology Fee (STF) Subcommittee of the Senate Committee on Information Systems and Technology (IS&T) will meet annually to review proposals for expenditures of monies from the Student Technology Fee and will make recommendations for allocations to the Fiscal Advisory Committee to the President. For additional information, check the following website: www.gsu.edu/techfee and www2.gsu.edu/~wwwsen/committees/facp/.

1540 University Housing

Housing accommodations are available in the Georgia State University Commons, University Lofts, FreshmanHall and Piedmont North. These residence halls offer a variety of life-style living options that can be requested on the on-line application.

The Commons houses approximately 2,000 Georgia State undergraduate 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, 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..

The University Commons community spaces include floor lounges, multipurpose activity space, meeting rooms, laundry rooms, a mailroom distribution center, and retail food services. Limited parking is also available for an additional cost but is not guaranteed. Safe and convenient access is provided through a 24-hour card-key access system and guest check-in at residence hall entry. Georgia State police officers are on-site 24 hours a day. The University Commons offers a variety of learning community options, and is home to residential Honors Program students and many Panther athletes.

The University Lofts residence hall houses approximately 550 residents and is conveniently located adjacent to campus. The University Lofts is primarily an undergraduate apartment-style residence hall for first and second year students. The Sophomores Achieving in Life (S.A.I.L.) community occupies the top three floors. The Lofts are fully furnished loft style apartments that blend urban style with modern-day conveniences. There are studios, one, two, and four bedroom apartments. The apartments include living areas, both private and shared bedrooms, a full-bath for every three residents, and a full kitchen with a refrigerator, dishwasher, stove, oven, and garbage disposal. Safe and convenient access is provided through a 24-hour card-key access system for residence hall access and guest check-in. The Lofts community spaces include an activity lounge, multipurpose room, laundry room, and the University Housing Learning Center and classroom. Lofts resident parking is managed by Auxiliary and Support Services (www.gsu.edu/parking) and is available at an additional monthly cost.

Freshman Hall opened in Fall 2009 and offers one and two-person suites adjoined by a full bathroom. Students are provided with a furnished room, including a bed, desk, chair and closet. This new residence hall offers a comprehensive first-year student program, a state of the art, all-you-can-eat dining facility– a meal plan is required for those students who reside in Freshman Hall.

In Fall 2010, University Housing added another area, known as Piedmont North, to its family of residence hall. Piedmont North is a more traditional, suite-style residence hall. Students share a two-person bedroom and a bathroom. Similar to Freshman Hall, a dining facility is also located in the hall and a meal plan is required for all residents of Piedmont North. Students may use their meal plan at either location. Student rooms in Piedmont North are also furnished.

University Housing's residence halls are desirable in-town locations and located within minutes of academic buildings, the Student Recreation Center, the Student*University Center, and most major attractions in Atlanta. Enjoy the advantage of on-campus living with other students pursuing their education at Georgia State. All University Housing residence halls meet all requirements of the Americans with Disabilities Act.

Housing Costs for the Commons and the Lofts include rent, furniture, all utilities, internet and wireless areas, and basic cable television and internet connections. For more information, contact University Housing in person at 250 Student Center, by phone at 404/413-1800, by e-mail at housing@gsu.edu, or by visiting the Housing Web site at www.gsu.edu/housing.

1600 Teacher Preparation

pef.gsu.edu/

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. 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 **undergraduate** programs and college of enrollment are listed below:

Teaching Field	College of Enrollment
Art: preschool through 12th grade	Arts and Sciences
Birth Through Five: Infants through Kindergarten	Education
Early Childhood Education: preschool through 5th grade	Education
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
Health Science Technology Education: 7th through 12th grade; nondegree	Education
Latin (Classical Studies): preschool through 12th grade	Arts and Sciences
Middle Level Education: 4th through 8th grade	Education
Music Education: preschool through 12th grade	Arts and Sciences
Spanish: preschool through 12th grade	Arts and Sciences
Trade and Industrial Education: 7th through 12th grade; nondegree	Education

Initial certification programs in behavior/learning disabilities, communications disorders (speech-language pathology), early childhood education, educational leadership, English education, mathematics education, media specialist, middle level education, multiple and severe disabilities, reading specialist, school counseling, school psychology, science education, social studies education, special education, and teaching English as a second language are offered at the **graduate** level.

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-Secondary Education and Instructional Technology 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; EDMT 3350 Topics in Middle Grades Math; 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 IT 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-Secondary Education and Instructional Technology, see those program descriptions in the GSU Graduate Catalog.

English as a Second Language 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 Reading, Language, and Literacy 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, economics, or geography) at the middle and secondary level should major in Arts and Sciences in the concentration in which they would like to teach. Upon completion of an undergraduate degree, students should then apply to the appropriate Master of Arts in Teaching (M.A.T.) program in the College of Education.

1605 Entry into Teacher Education

Admission to Georgia State University and to the College of Arts and Sciences or the College of Education (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 in this catalog or visit the College of Education Office of Academic Assistance web site, education.gsu.edu/oaa/, 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 Basic Skills Assessment or demonstrate an exemption upon application to an initial educator preparation program. The current options for satisfying the Basic Skills Assessment, including the exemptions, are outlined at www.gapsc.com/documentation/basicskillsinfo.asp. Under "Basic Skills Testing," go to "Options to Satisfy the Basic Skills Requirement".

Contact the Counseling Center (404/413-1740) or the College of Arts and Sciences Office of Academic Assistance or College of Education 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 Basic Skills 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

Field Experience Placement Policies

Below are the policies governing the field placements of students in sites and schools. All students must comply with the prerequisites for placements and the continuing requirement to report any criminal events, and must acquire tort liability as outlined in the sections which follow.

Field Placement - Prerequisites

GSU students enrolled in educator preparation programs or in education coursework requiring field-based experiences must fulfill the GSU prerequisites set forth below before the University will initiate field placement efforts. However, fulfilling GSU's prerequisites is not a guarantee of placement for a field-based experience or licensure by the Georgia Professional Standards Commission.1 Field placement sites/schools set their own placement requirements and may have additional requirements before a placement is finalized.

As a prerequisite, students must:

1. provide written consent to a criminal background check with a vendor designated by GSU for the purpose of obtaining copies or summaries of any criminal records pertaining to the student that are held by any local, state or federal government agency or private entity; and
2. if the criminal background report indicates the student has prior convictions,2 as defined by the Georgia Professional Standards Commission, or pending criminal charges against him/her, then the student must also provide written consent for the release by GSU of the student's criminal background report to field placement sites for review and decision regarding acceptance for field placement at the site. GSU will not release the report to field placement sites for placement purposes without student consent. GSU may cross-reference a student's criminal background history with the information supplied on the student's application for admission to GSU. Misrepresentations revealed by such cross referencing may result in sanctions up to and including revocation of admission to the University.

GSU will contact the student if his/her criminal background report indicates prior criminal convictions and/or pending criminal charges. The student will have the opportunity at that point to:

A. Provide written consent allowing GSU to forward the criminal background report to field placement sites for their review and decision regarding field-placement at their institution for student teaching. No field placement attempts will be initiated by GSU for students with prior convictions or pending charges except with such a consent;
B. Withdraw from GSU's field placement process. Student must also formally withdraw from any corresponding GSU courses for which field placement is a requirement to avoid earning a failing grade; or
C. Contest the accuracy of the report with the background check vendor or reporting entities. No further attempts will be taken to place the student in the field unless the student subsequently consents to GSU's release to field placement sites of the student's criminal background report or the submits official documentation showing to the University's satisfaction that the background check report was erroneous.

Field Placement – 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 College of Education Office of Academic Assistance any criminal events described below that occur after the criminal background check required for field placements was conducted (notice to COE Academic Assistance 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 GSU 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.

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.

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.

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 education.gsu.edu/oaa/951.html.

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.

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.

Criteria on Academic and Professional Integrity

The College of Education 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 adhere to both the University's Student Code of Conduct as described on-line at www2.gsu.edu/~wwwdos/ 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.

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1 The Professional Standards Commission was created by the Georgia General Assembly as of July 1, 1991, to assume full responsibility for the certification, preparation, and conduct of certified, licensed, or permitted personnel employed in the public schools of the State of Georgia. The Commission is also responsible for the development and administration of teacher certification testing. The Commission handles the investigation, advisement, monitoring, and due process of cases associated with educator discipline. In 1999, the Georgia Teaching force Center was placed in the Georgia Professional Standards Commission for administration purposes. The Teaching Force Center is one component of the Georgia P-16 Council's Title II Plan for having a Qualified Teacher in every Classroom in Georgia by 2006.

2 Conviction includes a finding or verdict of guilty, or a plea of nolo contendere, regardless of whether an appeal of the conviction has been sought; a situation where first offender treatment without adjudication of guilt pursuant to the charge was granted; and a situation where an adjudication of guilt or sentence was otherwise withheld or not entered on the charge or the charge was otherwise disposed of in a similar manner in any jurisdiction.

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 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 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 offers six Master of Arts in Teaching programs which prepare students for initial certification in the following fields: 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 by one of the three methods above and who present a passing score or scores on the appropriate GACE Content Assessments may be eligible for the Georgia State recommendation for teacher certification. The College of Education'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.

1625 Application for Teacher Certification

Prospective teachers must apply for teacher certification. Applications are available online at www.gapsc.com. It is the students' responsibility to request the application and complete the submission process with the College of Education. The student, in a single package, must forward the application, the completed recommendation form, and official transcripts from all colleges attended to the Professional Standards Commission.

1630 GACE Content Assessments

Students seeking certification from the State of Georgia Professional Standards Commission are required to pass the GACE Basic Skills Assessment (or provide an exemption) and GACE Content Assessment in their fields.

The Georgia Assessments for the Certification of Educators is developed and administered by National Evaluation Systems, Inc. (NES®). Subject Assessments include the Professional Pedagogy Assessment, Paraprofessional Assessments, and Content Assessment Area tests. The GACE program helps the PSC meet its goal of ensuring that candidates have the knowledge and skills needed to perform the job of an educator in Georgia public schools. The GACE are aligned with state and national

standards for educator preparation and with state standards for the P–12 student curriculum (Georgia Performance Standards). Information about the assessments is available at www.gace.nesinc.com and www.gapsc.com/.

Students must present passing scores on the GACE Basic Skills Assessment or demonstrate an exemption upon application to an initial educator preparation program. The current options for satisfying the Basic Skills Assessment, including the exemptions, are outlined at www.gapsc.com/documentation/basicskillsinfo.asp. Under "Basic Skills Testing," go to "Options to Satisfy the Basic Skills Requirement".

A requirement for teacher certification in the State of Georgia is a passing score on appropriate tests of the GACE Content Assessment series. This test is administered at various times throughout the year. Test applications are available at www.gace.nesinc.com. Unless otherwise indicated in a program description, passing the GACE Content Assessment is not a degree-program requirement. All initial certification students must submit copies of complete GACE Content Assessment scores (all pages of the score report) to the Office of Academic Assistance in order to be recommended for teacher certification by Georgia State University. Students are encouraged to take the test during the last term of enrollment.

Questions about teacher certification in other states should be addressed to the State Department of Education in the capital city of that state.

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. 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 Dean of the College of Education 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, 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.

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 council is served by eight committees: The Executive Committee, which reviews the work of other committees and sets the agenda for council meetings; the Assessment Committee, which focuses on assessment issues at the unit level; the Content Knowledge Committee, which makes recommendations regarding the assessment of content knowledge and pedagogical content knowledge of teacher education and other school professionals; the Curriculum Committee, which reviews existing and proposed professional education programs; the Diversity Committee, which monitors and makes recommendations regarding the faculty's progress toward goals and outcomes stated in its Diversity Plan; Field Experiences and Clinical Practice Committee, which assess the impact of candidates’ development and demonstration of knowledge, skills and professional dispositions to help all students learn; Induction Committee, which studies issues related to induction and retention; and the Standards and Accreditation Committee, which reviews the Conceptual Framework, legislative and Professional Standards Commission actions affecting curriculum, criteria used by accrediting bodies in their periodic reviews of programs, and programmatic recommendations of relevant scholarly and professional associations.

Additional information about the Professional Education Faculty and its activities is available through the Internet at pef.gsu.edu.

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 mission statement and includes the Professional Education Faculty's purpose, assumptions guiding our programs, and candidate outcomes. The conceptual framework is described fully at pef.gsu.edu.

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 428, University Center
404/413-5577
www.gsu.edu/honors/

Robert Sattelmeyer, Director Emeritus
Jeffrey R. Young, Associate Director
April Lawhorn, Academic Specialist

Purpose

The Honors College provides the advantages of a small, highly selective college with breadth of programs and opportunities of a large research university. It is open to incoming freshmen, transfer students, and currently enrolled students who meet eligibility requirements. Honors students take small, seminar-based classes and develop close contact with outstanding faculty members. Honors sections of a number of regular courses, many of which meet core curriculum requirements, are offered throughout the academic year. In addition, students in the Honors College can enroll in special interdisciplinary courses, help design a colloquium on a topic of their choice, and, at the upper division, research and write an honors thesis. Students in the college may earn honors recognitions, which are noted on their diplomas and transcripts, and they may pursue additional opportunities to enrich the quality of their education and enhance their chances of future success. Honors students may also take advantage of dedicated facilities, priority registration, merit scholarships, graduate and professional school counseling, special travel and study abroad opportunities, and honors housing 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 or another college or university. Students who do not meet these academic requirements in full but wish to pursue honors work should contact the Honors College staff. An interview with a member of the staff is required for admission into the program.

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 of three formal recognitions. These are recorded on transcripts and on diplomas with seals, 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. Incoming freshmen honors students are required to enroll in Honors 1000, a 1-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 must be in classes selected from at least three major areas of study with no more than two classes in any one area.
- **Advanced Honors:** Granted to students who complete at least 12 semester hours of honors course work at the upper division level, plus two upper-level honors interdisciplinary seminars, for a total of 18 hours. A maximum of three semester hours of thesis research work (4870), a maximum of nine hours of honors dimensions, and a maximum of 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.

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

2010.10 Purpose

The Andrew Young School of Policy Studies was established in 1996 with the objective of achieving excellence in the design, implementation, and evaluation of policies that help guide society and the economy. To this end, the school has assembled a distinguished faculty and professional staff, combining practical experience and scholarly credentials on a broad range of policy matters.

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, economics, policy studies, public administration, and social work integrate individual academic career preparation with addressing those needs.

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.

2010.30 Degrees Offered

Undergraduate and graduate degree programs are offered through the Department of Economics and the Department of Public Management and Policy. 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:

The Bachelor of Arts

- **Major in Criminal Justice**
  - **Legal Track**
- **Major in Economics**
  - **Concentration in Social Studies Education**
- **Major in International Economics and Modern Languages**
  - **Concentrations in: French, German, Italian, and Spanish**

The Bachelor of Science

- **Major in Economics**
  - **Concentration in Social Studies Education**
- **Major in Public Policy**
  - **Concentrations in: Nonprofit Leadership, Planning and Economic Development, Public Management and Governance, and Public and Nonprofit Human Resource Policy**

The Bachelor of Social Work

Also offered through the J. Mack Robinson College of Business is 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.)

2010.40 Academic Resources and Services

AYSPS Research Support Center

14 Marietta St. N.W., Suite V-51
404/413-0020
www2.gsu.edu/~wwwfnd/

The school Research Support Center opens the door to research tools in policy studies and economics. The center provides students with an introduction to relevant databases, data set manuals, and websites. The center 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. See the website above for beginning a search of the literature of regional, national, and international policy issues.

The center and university liaison librarians develop 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 EuroMonitor World Marketing Data, which provides countries' macroeconomic indicators, and Lexis-Nexis statistical tables for geographic, demographic, income and time series. The center holds data sets and documentation from agencies in state government, and international issues, especially taxation.

The reading room has student workstations and provides copies of 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 by the OECD, IMF, the World Bank and the United Nations.

Economics Tutoring Lab

14 Marietta St. N.W., Room 526
404/413-0141
aysps.gsu.edu/tutoring-assistance.html

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

Domestic Programs

14 Marietta St. N.W., 4th Floor
404/413-0194
apsps.gsu.edu/domestic-programs.html

Domestic Programs is home to several separate programs and activities. Some of these programs link the School 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 issues, education, program evaluation, social policies, and economic development. Recent topics include 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 2000-a portal that allows easy mapping of census data.

Funding for the Domestic Programs comes from a variety of governmental, foundation, and business sources.

Center for Collaborative Social Work

140 Decatur Street, 12th Floor
404/413-1076
www.chhs.gsu.edu/socialwork/2062.html

The Center for Collaborative Social Work is a key component of the School of Social Work at Georgia State University. The School of Social Work was developed in 1965 and is the first school in the country to offer a master's 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)

The Center developed out of the School of Social Works' need for an organizational structure that extended the school's founding principles beyond the classroom and into the community.

The Experimental Economics Center

14 Marietta Street, N.W., 4th Floor
404/413-0194
excen.gsu.edu/

The Experimental Economics Center (E*x*CEN) 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. Ongoing research in the Center involves development of economic theory supported by data. Research and teaching support facilities developed and maintained by ExCEN include the AYSPS experimental economics laboratory, a mobile laboratory, and EconPort (econport.org), an economics digital library and virtual laboratory containing Internet software for experiments. External funding is provided by the National Science Foundation and core support comes from the Georgia Research Alliance and the state government. Projects currently receiving grant support include the following: *Collaborative Research: IT-Enhanced Market Design and Experiments; Disseminating Experiments in Economics with the EconPort Digital Library; Choosing Among Risky Alternatives: An Experimental Investigation of the Impact of Insurance on Biases in Decision-Making; Game Theory and Social Interactions: A Virtual Collaboratory for Teaching and Research; Prejudice and the Perpetuation of Differences: Experiments Exploring the Impact of Performance and Appearance on Sorting; Contracting Out of Poverty: Some Experimental Approaches; "The Girl Scout Cookie Phenomenon-An Experimental Study of Social Effects in Fundraising.*

Fiscal Research Center

14 Marietta Street, N.W., 4th Floor
404/413-0249
aysps.gsu.edu/frc/

The Fiscal Research Center (FRC) was established in 1995 to provide a stronger research foundation for setting fiscal policy for state and local governments and for better-informed decision-making. The FRC helps stimulate debate on fiscal policy and provides nonpartisan research, technical assistance, and education in the evaluation and design of state and local fiscal and economic policy, including both tax and expenditure issues. The FRC mission is to promote the development of sound public policy and public understanding of issues concerning state and local governments.

The research agenda of the Fiscal Research Center is composed of three broad categories: Intergovernmental Issues, Tax Policy, and the Georgia Economy. Intergovernmental Issues research is related to education financing and the delivery of education in Georgia, as well as understanding inherent in relationships between state and local governments. Tax Policy includes: the taxation of banking, insurance, and corporations; the structure and impact of income taxation; the structure, administration, and effects of property taxation and sales/excise taxation; alternatives in the taxation of public utilities; and policy issues associated with government budgeting. The Georgia Economy research includes issues relevant to the state's economic development efforts, studies of various sectors and aspects of the Georgia economy. The Fiscal Research Center has developed an agency database built on the Unemployment Insurance records from the Department of Labor, welfare records for the Department of Human Resources, and other agency databases.

The Georgia Health Policy Center

14 Marietta Street, N.W., 2nd Floor
404/413-0314
aysps.gsu.edu/ghpc/

The Georgia Health Policy Center, established in 1995, provides evidence-based research, program development and policy guidance on local, state and national levels to improve health status at the community level. The Center distills qualitative and quantitative research findings to connect decision makers with the evidence-based research and guidance needed to make informed decisions about health policy and programming. The Center is at work nationwide focusing on some of the most complex policy issues facing healthcare today including public and private health insurance coverage, the uninsured, long-term care, public health, children's health and community health system development.

International Studies Program

14 Marietta Street, N.W., 5th Floor
404/413-0233
aysps.gsu.edu/isp/

The International Studies Program (ISP) provides academic and technical training, research, and technical assistance to support sound public policy and sustainable economic growth in transitional and developing economies. ISP technical assistance efforts and training programs complement the academic research and the educational mission of the Andrew Young School and give graduate students the opportunity to gain hands-on public policy experience. This program is recognized worldwide for its contributions to fiscal policy reform.

ISP faculty and staff, other Andrew Young School faculty, affiliates, and a network of experts serve as project directors, senior Advisors, chiefs-of-party, or lead economists for major projects in areas including fiscal policy, tax administration, economic analysis and revenue forecasting, fiscal decentralization and intergovernmental fiscal relations, and public administration, budgeting, and financial management. ISP has managed technical assistance projects and training programs for clients in more than 60 countries.

ISP projects are sponsored by agencies such as the United States Agency International Development (USAID), The World Bank, the United Nations Development Program (UNDP), the Asian Development Bank (ADB), the Inter-American Development Bank (IADB), and other regional and national funding agencies and governments.

ISP annual summer training programs provide training on fiscal decentralization and local governance, tax policy and revenue forecasting, and public budgeting and fiscal management for senior government officials from developing and transitional countries and for donor agency representatives. ISP also develops specially tailored training focused on specific policy topics as requested by its clients.

Nonprofit Studies Program

14 Marietta Street, N.W., 3th Floor
404/413-0133
aysps.gsu.edu/nsp/

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 local universities.

Public Performance and Management Group

10 Park Place, Ste 415B
404/413-0180
www.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. In addition, PPM provides the ongoing opportunity for faculty and student involvement in field-based projects. 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.

The Civic League for Regional Atlanta

14 Marietta Street, N.W., 6th Floor
404-413-0320
www.civicleagueatlanta.org/

The Civic League for Regional Atlanta was founded by the merger of Research Atlanta, the Regional Leadership Forum, and the Metro Group. The Civic League combines the respective resources and core competencies of its three legacy organizations to create a new vehicle for engaging the public in the development of broad-based solutions to regional challenges. The Civic League is an independent, non-partisan, tax-exempt organization whose mission is to make the Atlanta region a better place by building the knowledge, involvement, voice and power of our citizens. It is the objective of The Civic League to address important issues of regional significance by building consensus, advocating for the greater public interest, and developing social

capital in the Atlanta region. Although independent, The Civic League is partnered with and housed at the Andrew Young School.

2020 Academic Regulations

2020.05 Grades of C in Major/Minor/Concentration

Grades in the major, concentration, minor and policy/business area requirements, where applicable, require a grade of C or higher.

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 (Econ 4380/PMAP 4901)

Courses designated Econ 4380 and PMAP 4901 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. Enrollment for PMAP 4901 is limited to undergraduate students with a grade point average of 3.0 or higher. 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 in the Office of Academic Assistance and online. Available at the following link: aysps.gsu.edu/student-forms.html.

2020.40 Undergraduate and Postbaccalaureate Admission into a Graduate Course

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/student-forms.html.

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, Honors and Scholarships

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, honors, and scholarships are presented annually to outstanding undergraduate students, including: the Carolyn McCain Young Leadership Fund Award, Jack Blicksilver Scholarship, Economics Award, Excellence in Microeconomics Award, Andrew Young School of Policy Studies Honors Program Award, Wall Street Journal Student Achievement Award in Economics, Rick Anderson Scholarship, William R. Gable Award, Dan Sweat Award, Governor Joe Frank Harris Scholarship, Student Leadership Award and the Outstanding Intern Award. Further information is available through the Office of Academic Assistance.

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 www.gsu.edu/es/24954.html online for details.

2060 Student Organizations

Criminal Justice Student Association

The Criminal Justice Student Association 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 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.

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: aysps.gsu.edu/tutoring-assistance.html

The Nonprofit Leadership Alliance (previously known as American Humanics) Club

The Department of Public Management and Policy in the Andrew Young School is affiliated with Nonprofit Leadership Alliance , a national alliance of colleges, universities and nonprofit organizations dedicated to preparing students for careers in nonprofit leadership. The NLA Club will focus on professional leadership development, fundraising, and career networking within the nonprofit community. The 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 aysps.gsu.edu/American-humanics-student-organization.html.

PMAP Community Network

The Public Management and Policy (PMAP) Community Network aims to connect public policy and public administration students, faculty and alumni through hosting social functions, guest speakers, and other events. Their goal is to enhance the academic and social experiences of students in the PMAP department. The Network supports students in both social and professional arenas and is an informational resource for members. Contact the Department of Public Management and Policy for more information, 404-413-0107 or visit the website: aysps.gsu.edu/public-management-and-policy-community-network-student-organization.html.

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: www.omicrondeltaepsilon.org/.

Phi Alpha Social Work Honor Society

Students within the School of Social Work are eligible for induction into the Ph 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.

Master of Social Work Club: Bridge Builders

Bridge Builders is the Master of Social Work students' organization. The club serves as a link to the B.S.W. Social Work Club and functions to tie together all M.S.W. students through social and educational activities. The club partners with one social service or social welfare agency a year. Activities will focus on advocacy, lobbying, and team-building. Bridge Builders also supports the efforts of graduate students in enhancing their professional development.

2070 Academic Departments and Faculty

The Andrew Young School of Policy Studies is composed of two academic departments: Economics and Public Management and Policy.

Department of Criminal Justice

1201 Urban Life Building
404/413-1020
chhs.gsu.edu/cj

Brian K Payne, Chair
Barbara D. Warner, Master's Program Coordinator
Timothy Brezina, Doctoral Program Coordinator

Faculty: Blackwell, Brezina, Collins, Dabney, Daigle, Friedmann, Guastaferro, Hinkle,Muftic, Payne, Reed, Teasdale, Topalli, Warner,Yang

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, 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 faculty brings 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; 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

5th floor, AYSPS Building
404/413-0141
aysps.gsu.edu/economics.html

Sally Wallace, Chair

Caroline Griffin, Administrative Specialist – Managerial
Bess Blyler, Administrative Specialist-Academic
Mary Kenyatta, Administrative Coordinator. Senior

Faculty: Bahl, Banzhaf, Bhatt, Cesur, Cox, Ferraro, Feltenstein, Frost, Gurmu, Hanson, Heaghney, Hirsch, Kagundu , Kaufman, Laury, Luger, Mansfield, Martinez-Vazquez, Marton, Moore, O, Rider, Rioja, Ross, Rutstrom, Sadiraj, Saravaia, Schnier, Seaman, Sjoquist, Swarthout, Tekin, Tchernis, Valev, Walker, Wallace, Xu, Young

Director of Undergraduate Studies: Shelby Frost. Please visit the Department of Economics advising website at: www2.gsu.edu/~ecosdf/advising.htm.

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 Bachelors 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 St. N.W., Ste 324
404-413-0107
aysps.gsu.edu/public-management-and-policy.html

Harvey K. Newman,Chair
Inta "Maggie" Tolan, Director of Academic Programs and Alumni Affairs
Elsa Gebremedhin, Administrative Specialist –Managerial
Lisa Shepard, Administrative Specialist-Academic
Abena Otudor, Administrative Coordinator

Faculty: Bell, Bourdeaux, Hansen, Hildreth, , Kahnweiler, Kerlin, Lecy, Lewis, Liu, Minyard, Newman, Poister, Roch, Searcy, 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, public management and governance, and public and nonprofit human resource policy.. 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.

Career Services and Academic Programs and Alumni Affairs

The Career Services and Academic Programs office, located in room 328 in the Department of Public Management and Policy (PMAP), provides student support services to all current PMAP students and alumni, including career development resources in the areas of resume writing, interviewing, job search, internship development, networking, and a career speaker series. Current students are invited to arrange an individual appointment with the director by emailing: mtolan@gsu.edu . Prospective students are also invited to contact the office to arrange meetings with the director and with faculty in their areas of academic interest. The office also strives to expand the number of actively engaged PMAP alumni who can serve as mentors, guest speakers, and expert professionals to our current students. Alumni are encouraged to send their updated contact information to mtolan@gsu.edu.

School of Social Work

1242 Urban Life Building
404/413-1050
chhs.gsu.edu/socialwork

Nancy Kropf, Director

Faculty: Beck, Breedlove, Brooks, Dear, , Glass, Hartinger-Saunders, Ivery, Kropf, Ligon, Littrell, Lewinson, Lyons, McLaughlin, Middleton, Ohmer, Scott, Wertheimer, Whitley

Prefix: SW

The Master of Social Work (MSW) 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 MSW 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 MSW program are designed to be consistent with the mission and goals of the MSW program, the Council on Social Work Education Curriculum Policy Statement, Georgia State University, and the Andrew Young School of Policy Studies.

2105 Criminal Justice

Program Offered:

1. **B.S. in Criminal Justice**

Department of Criminal Justice
1201 Urban Life Building, 404/413-1020
chhs.gsu.edu/cj

Dr. Brian K. Payne, Chair

Dr. Brenda Sims Blackwell, 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 comprise 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; homicide investigation; homicide co-victimization; sexual victimization; legal issues in policing; evaluation research; community differences in the nature of crime; place-based criminology; private security; domestic terrorism and homeland security; electronic monitoring; supermax prisons; informal social control; juvenile delinquency and youth violence; criminological theory; active offender decision-making; and urban drug markets 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 include a Bachelor of Science in criminal justice, a Master of Science in criminal justice, 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 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. However, students must have a 2.00 grade point average prior to enrolling in 3000/4000-level Criminal Justice courses.

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 in preparation for law school. Students are automatically placed in the Crime and Justice Track unless they opt into the Legal Track.

2. A minimum 2.00 cumulative grade point average at GSU is required to register for 3000/4000-level criminal justice courses. There are no exceptions to this policy.
3. Students must earn a grade of C- or higher in CRJU 1100 (or equivalent transfer course) and all Area G – L, 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.
4. Students must complete a minimum of 45 semester hours in 2000-4000-level criminal justice courses at Georgia State University. CRJU 1100/3100 is not included in this GSU CRJU residency requirement.
5. A student may not receive a D, F, or W/F more than 3 times while attempting to satisfy any Area H (Foundations of Analyses) course and remain in the Criminal Justice program.
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 during their final semester in the program. 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.
10. The Department of Criminal Justice 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 internship 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. The internship coordinator and department chair 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 students in the class and/or to personnel at the field internship site. If withdrawal is necessary, the student will be given an F for the course(s).
11. The internship coordinator or department chair may remove a student from an internship site if circumstances at the site arise that pose an unforeseen danger to the student's welfare or an unforeseen risk of liability to the student, faculty, or Department.
12. All applications for the internship program, without exception, must be completed and turned in to the Department of Criminal Justice 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:

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 F: Courses Related to the Program of Study (18)

- CRJU 1100 Introduction to Criminal Justice (3)
- CRJU 2200 Social Science and the American Crime Problem (3)
- ANTH 1102 Introduction to Anthropology (3)
- PHIL 2010 Introduction to Philosophy (3)
- PSYC 1101 Introduction to General Psychology (3)
- SOCI 1101 Introduction to Sociology (3)

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 (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)

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 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 4500 Criminal Justice Management (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)

Area K: Capstone and Internship (9)

- CRJU 4930 Internship Seminar in Criminal Justice (3)
- CRJU 4935 Criminal Justice Field Instruction (6)

Area L: Electives (15)

Students may choose 15 credit hours (five 3-credit courses) from 2000-4000 level Criminal Justice courses, or 3000-4000 level courses from other GSU departments. Note: The University's 39 credit hour residency requirement and the Department of Criminal Justice 45-hour residency requirement must be satisfied (see Program Policies #4 and #5).

Total Semester Hours for Degree: 120

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)

- CRJU 1100 Introduction to Criminal Justice (3)
- CRJU 2200 Social Science and the American Crime Problem (3)
- ANTH 1102 Introduction to Anthropology (3)
- PHIL 2010 Introduction to Philosophy (3)
- PSYC 1101 Introduction to General Psychology (3)
- SOCI 1101 Introduction to Sociology (3)

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 (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)
- 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 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 4500 Criminal Justice Management (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)

Area K: Capstone and Internship (6)

- CRJU 4930 Internship Seminar in Criminal Justice (3)
- CRJU 4935 Criminal Justice Field Instruction (6)

Area L: Electives (15)

Students may choose 15 credit hours (5 3-credit courses) from 2000-4000 level Criminal Justice courses, or 3000-4000 level courses from other GSU departments. Note: The University's 39 credit hour residency requirement and the Department of Criminal Justice 45-hour residency requirement must be satisfied (see Program Policies #4 and #5).

Total Semester Hours for Degree: 120

2110 Economics

Programs Offered:

1. **Bachelor of Arts Major in Economics**
2. **Bachelor of Science Major in Economics**
3. **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 listed below. 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.

- Business: ECON 4300, 4500, 4470, 4800, 4810, 4950, 4960.
- Local, State, or Federal Government: ECON 4210, 4220, 4300, 4350, 4400, 4450, 4470, 4500, 4600, 4950, 4960.
- Foreign Service or International Business: ECON 4500, 4600, 4610, 4620, 4800, 4810.
- Pre-Law: ECON 4080, 4220, 4400, 4450, 4470, 4680, 4960.
- Graduate Studies in Economics: ECON 4230, 4950, 4930.
- Graduate Studies in Business: ECON 4500, 4950, 4470, 4810, 4930, 4960.
- Graduate Studies in Human Resource Management: ECON 4470, 4950, 4960.
- Graduate Studies in the Social Sciences: ECON 4080, 4350, 4600, 4680.

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 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 requirement: (6) 1001/2002. 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 a language course level 1002 or higher is chosen in Area C, one or two additional 1000/2000 level elective(s) from Areas A-E must be chosen for Area F.

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)

*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 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.

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

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

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 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.

If all required hours are taken in Area F, any hours over 18 will be counted toward the second 60 semester hours.

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 (15)

*ECON 4999 is only offered during the Fall and Spring semester 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: 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.

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

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

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 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 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: If a student chooses economics as one of their three allied fields, nine hours (three courses) must be chosen from the courses below:

Select three courses from the following two lists. At least one course must be taken from each list.

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

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

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
- 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.
- *Choose one of the following three language options:*
  - FREN 2001 Intermediate French I
  - FREN 2002 Intermediate French II
- or
  - GRMN 2001 Intermediate German I
  - GRMN 2002 Intermediate German II
- or
  - ITAL 2001 Intermediate Italian I
  - ITAL 2002 Intermediate Italian II

  or

  - 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: 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 Modern and Classical Languages advisor.

Elective:

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.

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)

*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.

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 1 elective Fren 3000/4000 course (3)

or
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 2 of the following 3 courses (6)*
  - GRMN 4402 Advanced Grammar-CTW
  - GRMN 4422 Contemporary German
  - GRMN 4435 Techniques of Translation

or
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 2 additional ITAL 3000/4000 level courses (6)

or
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

2120.15 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, 4750, 4930, 4950
- Business Policy Analysis (choose 3 of 4 courses): ECON 4470, 4500, 4950, 4960
- Development Economics (choose 3 of 4 courses): ECON 4600, 4610, 4620, 2100 (may be used in core Area E)
- Economic History: Econ 4080, 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, 4300, 4400, 4600
- Human Resource Economics (choose 3 of 4 courses): ECON 4210, 4300, 4350, 4960

- International Economics (choose 3 of 4 courses): ECON 4600, 4800, 4810, 2100
- (may be used in core Area E)
- Law and Economics: 4450, 4470, and choose one of the following: ECON 4080, 4220, 4400, 4960
- Public Policy (choose 3 of 4 courses): ECON 4220, 4350, 4400, 4470

For more information about certificates or concentration in Economics visit this website: aysps.gsu.edu/4367.html**.**

2130 Public Policy

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 1101,1102, 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 a top university in the field of public policy and management. Its many research centers and community outreach efforts provide opportunities to enhance students' education, as well as often opening doors to attractive jobs. The *U.S. News and World Report* survey published in its *2009 Edition America's Best Graduate Schools* ranked the AYSPS 27th 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 dozen 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)

- MATH 1070 Elementary Statistics (C or better)

Area E: Social Science (12)

Area F: Courses Appropriate to the Major (18)

- ECON 2105 Principles of Macroeconomics (C or better) (3)
- ECON 2106 Principles of Microeconomics (C or better) (3)
- SOCI 1101 Introductory Sociology (3)
- PSYC 1101 Introduction to Psychology (3)

Electives:

Two three-hour courses chosen from the 1000-2000 level offerings of the College of Arts and Sciences, Robinson College of Business, College of Education (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 aysps.gsu.edu/public-management-and-policy-internships.html. 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 *or*
- Public and Nonprofit Human Resource Policy

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.

Required Courses (15):

- PMAP 3210 Introduction to the Nonprofit Sector

- PMAP 3213 Nonprofit Financial Resources
- PMAP 3231 Nonprofit Management and Leadership
- PMAP 3611 Introduction to Human Resource Development (HRD) in Public and Nonprofit Organizations
- PMAP 4411 Introduction to the Law for Public and Nonprofit Managers

Choose two courses from the following (6):

- PMAP 3411 Contemporary Planning
- PMAP 3801 Public Administration and Politics
- PMAP 4211 Issues and Problems in Personnel Management Systems for Public and Nonprofit Agencies
- PMAP 4451 Economic Development Policy and Planning
- ENGL 4510 Grant and Proposal Writing

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.

Required courses (15):

- ECON 4300 Economics of Cities
- PMAP 3011 Policy and Politics in the American City
- PMAP 3411 Contemporary Planning
- PMAP 4401 Planning Theory and Analysis
- PMAP 4451 Economic Development Policy and Planning

Choose two courses from the following (6):

- ECON 4350 Economics of Poverty and Public Policy
- ECON 4600 Economic Development
- GEOG 4766 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

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).

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

Choose two courses from the following (6):

- PMAP 3111 Urban Political Economy
- PMAP 3210 Introduction to the Nonprofit Sector
- PMAP 3611 Introduction to Human Resource Development (HRD) in Public and Nonprofit Organizations
- PMAP 4411 Introduction to the Law for Public and Nonprofit Managers
- PolS 4115 Urban Politics

Public and Nonprofit Human Resource Policy (21):

This concentration prepares students for professional careers in the growing and dynamic field of human resources. It is appropriate for students who wish to work in areas such as staffing and recruitment, compensation and benefits, employee relations, management and employee development, and/or career development, among others. Courses provide an overview of the human resources field as well as current workplace issues and trends that impact and are impacted by human resource practices and policies. A key element of this specialization is the related internship or practicum, whereby students apply course content in an organizational setting.

Required courses (15):

- PMAP 3211 Career Development in Public and Nonprofit Organizations
- PMAP 3611 Introduction to Human Resource Development (HRD) in Public and Nonprofit Organizations
- PMAP 3801 Public Administration and Politics
- PMAP 4211 Issues and Problems in Management Systems for Public and Nonprofit Agencies
- PMAP 4261 Organizational Contexts of Public and Nonprofit Personnel Policy and Administration

Choose two courses from the following (6):

- ECON 4960 Economics of Work and Pay
- PMAP 3210 Introduction to the Nonprofit Sector
- PMAP 3411 Contemporary Planning
- PMAP 4411 Introduction to the Law for Public and Nonprofit Managers
- PolS 3145 Introduction to American Law
- LglS 3020 Introduction to the Law

Area I: Approved Electives (18) Students make course selections with Advisor approval.

Total Semester Hours for Degree - 120

2130.15 Nonprofit Leadership Alliance (previously know as American Humanics) Certificate in Nonprofit Management and Leadership

The Department of Public Management and Policy is affiliated with the Nonprofit Leadership Alliance (previously known as American Humanics), a national alliance of colleges, universities and nonprofit organizations dedicated to preparing undergraduates and graduates for careers in nonprofit leadership. To read more about the Nonprofit Leadership Alliance (NLA) program visit their website at: aysps.gsu.edu/american-humanics-certificate.html. Benefits for obtaining the NLA certificate include:

- Certification in entry-level nonprofit employment competencies
- Course work grounded in the foundations and practices of nonprofit management
- Tested practices and principles through experiential learning
- One-to-one support, career development and mentoring
- Networking with prospective employers at local, regional, and national levels
- Opportunity to test skills and various nonprofit roles through internships, co-curricular and community service activities
- Potential for references and referrals from agency executive directors, advisory board members and community leaders
- Exposure to a national nonprofit network of partners and career options
- Increased sense of connection and belonging to the community
- Opportunity for lasting friendships
- Scholarships
- Preparation for Graduate School or the Peace Corps

Students can earn the certificate in one of three ways:

1. As a nonprofit leadership concentration in the Bachelor of Science in Public Policy.
2. As a minor in Nonprofit Leadership.
3. In conjunction with any undergraduate major by completing four (4) nonprofit leadership/management courses in the Department of Public Management and Policy.

This certificate is conferred by the department of Public Management and Policy and will not appear on official transcripts or diplomas from the university.

Certificate Requirements: Students seeking NLA certification must complete the following requirements:

1. Course requirements: earn a grade of C or better in:
   - PMAP 3210 Introduction to Nonprofits
   - PMAP 3213 Nonprofit Financial Resources
   - PMAP 3231 Nonprofit Leadership and Management
2. Complete PMAP 4941, the undergraduate Internship, which requires completion of 300 clock hours in a nonprofit organization/setting.
3. 3. At the student's own expense, attend the annual Nonprofit Leadership Alliance Management/Leadership Institute, which is traditionally held in Spring semester (January).

Students pursuing the Nonprofit Leadership Alliance Certificate are also strongly encouraged to join the Nonprofit Leadership Alliance student organization sponsored by the Andrew Young School. Student association activities help students develop and strengthen their knowledge, skills, leadership abilities, and understanding of the nonprofit sector. This organization will also undertake fundraising campaigns to sponsor student attendance at the annual Nonprofit Leadership Alliance Management/Leadership Institute.

For more information about the Nonprofit Leadership Alliance certificate, please contact the Maggie Tolan at mtolan@gsu.edu or visit the Public Management and Policy department degree information website at: aysps.gsu.edu/american-humanics-certificate.html.

2140 Social Work

School of Social Work
1242 Urban Life Building, 404/413-1050
www.gsu.edu/socialwork

The BSW 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 BSW 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 BSW program are designed to be consistent with the missions and goals of the BSW program, the Council of Social Work Education Curriculum Policy Statement, Georgia State University and the Andrew Young School of Policy Studies.

BSW 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 (PSW) status. A later, separate application and decision process is required before a student can be formally accepted into the Bachelor of Social Work (BSW) 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. (BSW applications are NOT processed between August - December.)

Pre-Social Work (PSW) Student

All students admitted to the School of Social Work begin as Pre-Social Work (PSW) students and change their status only after the student has made formal application and formal admission has been granted. PSW 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, PSW students must register only for the lower-division courses specified in their advisement files.

Bachelor of Social Work (BSW) Student

For a student to be considered for BSW 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 BSW 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.

BSW 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 BSW status is expected to internalize the values and ethics of social work and to develop and enhance professional practice skills. In this process, the BSW 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 BSW 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 BSW student is assigned to a professional staff member in the Student Advisement Center or in the college's Office of Academic Assistance who serves as the student's academic adviser. BSW students should meet with that assigned academic adviser prior to registering for any courses, and those advisement appointments are available during any semester. When the student achieves BSW status, the student will be reassigned to the director of the BSW program for program advisement. The director of the BSW program will be the advisor throughout the program. The student is expected to meet with the assigned academic adviser 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. BSW advisement appointments are scheduled only during the fall and spring semesters, so students are expected to plan accordingly.

Course sequencing in the BSW program begins only in the fall semester, and a student is admitted to BSW status in accordance with that schedule. PSW and BSW 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 adviser or the BSW 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 adviser and the BSW program director to determine the most appropriate point at which to continue degree-related course work. If a student in BSW status is inactive for two academic semesters, the student will be returned to PSW status and must file a new, competitive application to reenter the BSW status.

Field Education

Field education is an integral component of the BSW 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. BSW 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

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 BSW Director and another faculty member of the BSW 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 supercede 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 BSW majors may take: SW4100, 4200, SW 4500, 4900.

Area D: Biol 1103K and 1104K is recommended as the lab science sequence. If not taken, Biol 1103K or Biol 1110K must be taken in Area H electives.

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)

Required Courses (42)

- SW 3000 Communication/Cultural Diversity (3)
- SW 3200 Social Welfare Institutions (3)
- SW 3300 Human Behavior and the Social Environment I (3)
- SW 3400 Human Behavior and the Social Environment II (3)
- SW 3500 Methods of Social Work Research (3)
- SW 3600 Social Welfare Policy (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)

Social Work Electives (6)
Choose two courses from the following:

- SW 4310 Group Facilitation (3)
- 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 adviser, choose 12 semester hours of course work (4 courses).

Total Program Hours Required: a minimum of 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
- 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

The Master of Public Administration/Juris Doctor

The Master of Public Policy with concentrations in:

- Disaster Policy
- Nonprofit Policy
- Planning and Economic Development Policy
- Social Policy

The Master of Social Work

- Community Partnerships

The Doctor of Philosophy in Criminal Justice

- Criminal Justice
- Criminology

The Doctor of Philosophy in Economics with elective fields in:

- Experimental Economics
- Environmental Economics
- Labor Economics
- Public Finance
- Urban and Regional Economics

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 more than 40 departments, schools, institutes, and interdisciplinary centers within the areas of the fine arts, the humanities, the natural and computational sciences, and the social and behavioral sciences. The college has over 11,500 undergraduate majors and 2,100 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 Division of Graduate Studies, 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: www.gsu.edu/es/office_of_the_registrar.html.)

Office of the Dean

730 General Classroom Building
404/413-5114
www.cas.gsu.edu

A search is underway for the Dean of the College of Arts and Sciences
Charles D. Derby, Associate Dean for the Natural and Computational Sciences
Ralph Gilbert, Associate Dean for the Fine Arts
William Downs, Associate Dean for the Social and Behavioral Sciences
Carol Winkler, Associate Dean for the Humanities
MaryAnn Romski, Associate Dean for Research and Graduate Studies

Accreditation

In the College of Arts and Sciences, the 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, Modern and Classical Languages, 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 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, Geography, German, History, International Economics and Modern Languages, Journalism, Philosophy, Political Science, Psychology, Religious Studies, Sociology, Spanish, Speech, Women's Studies

Bachelor of Science (B.S.)

Biological Sciences, Chemistry, Computer Science, Geology, Mathematics, Music Management, Physics, Psychology

Bachelor of Fine Arts (B.F.A.)

Art Education, Studio Art

Bachelor of Music (B.Mu.)

Music

Bachelor of Interdisciplinary Studies (B.I.S.)

Arts Administration–Speech/Theatre, Asian Studies, Classical Studies, Community Studies, Environmental Science, International Studies, Italian Studies, Law and Society, Middle East Studies, Theatre, Student-Planned. See section 3030.50 below.

3010.10 Academic Resources and Services

Cartography Production Laboratory

340 Kell Hall
404/413-5750
www.cas.gsu.edu/geosciences

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

34 Peachtree Street, Suite 2117
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.

Digital Arts and Entertainment Laboratory/Video Equipment Lab

First floor, One Park Place South
404/413-5682
www2.gsu.edu/~wwwwfv/

The Department of Communication's DAEL (Digital Arts and Entertainment Lab) Undergraduate Equipment Lab provides access to a wide range of multimedia digital and video production and editing equipment, for use by faculty and students in courses. Student use of the equipment and facilities is restricted to class assignments during the semester in which they are enrolled in an authorized production course. For general student multimedia, video and audio needs, one should use the Digital Aquarium which is paid for by students' Tech 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. Multi-Media Instructional Lab and Satellite Downlink Facility

307 Classroom South Building
404/413-5600

The Department of Communication's James M. Cox, Jr., Multi-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.

Language Acquisition and Resource Center

128 General Classroom Building
404/413-5987
www2.gsu.edu/~wwwmcl/3475.html

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.

Major Matters Program

404/413-5109
majormatters@gsu.edu
www.cas.gsu.edu/major_matters.html

The College of Arts and Sciences Major Matters program is designed to help undergraduate students choose the right major and chart a course toward finishing their degree. The program website provides information about upcoming Major Matters workshops, links to major maps, Major in a Minute videos, and other resources for selecting a major. Program representatives are available regularly at the lobby-level General Classroom Building Information and Assistance Booth.

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
131.96.241.78/mile

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

The Leadership Lab is located in the Courtland Building on the second floor. It consists of a five-station computer lab that runs the U.S. Army Enhanced Skills Training Program (ESTP). The lab is also used with several automated classes offered by the U.S. Army.

Music Media Center

400 Haas Howell Building

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

258 Art and Humanities Building
404/413-5233

The Welch School of Art and Design's Visual Resource Center has a large collection of art and architecture slides 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 school has recently acquired ArtStor, a database of over 300,000 images of the history of art. This addition will be a valuable resource for the School of Art and Design.

Writing Studio

976 General Classroom Building
www.writingstudio.gsu.edu/
404/413-5045

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. Readers can also provide coaching for the Regents' Essay Exam, and 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 www.gsu.edu/enrollment/dual_degree_programs.html.
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 www.cas.gsu.edu/docs/ugrad/graduate_course_form.doc. 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 www.cas.gsu.edu/grad_non-degree_transient_admission.html 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.

3030.20 B.A. in French, German, or Spanish and M.I.B. Joint Degree Program

Highly qualified and highly motivated students interested in languages and international business may apply for this joint-degree program that leads to an undergraduate degree in French, German, or Spanish and a Master of International Business. It is a demanding program that combines classroom study in the chosen second language with the international business curriculum. There will be at least one mandatory internship abroad in the final year, with a second strongly recommended study or work experience abroad, usually during the third or fourth year. Completion of the program in five years will mean that students must be willing to attend classes in the summer, as necessary. For further information please contact: Department of Modern and Classical Languages, 841 General Classroom Building, 404/413-5980, e-mail: mclinfo@gsu.edu.

For students interested in Japanese, the Bachelor of Interdisciplinary Studies in Japanese/Asian Studies can also be combined with the MIB in the Joint Degree Program. For more information, contact Yuki Takatori, 404/413-5980 or mclyyt@langate.gsu.edu.

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, Community Studies, Environmental Science, International Studies, Italian Studies, Law and Society, 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 General Classroom Building, 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, Community 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, Gerontology, Jewish Studies, Language Studies, Latin American Studies, and Middle East Studies are also available.

3040 Office of Academic Assistance

418 General Classroom Building
404/413-5000
www.cas.gsu.edu/oaa.html

Director: Tammy Patterson-Hill
Associate Director: Linda P. King
Academic Advisers: Marie Haley, Ramona Howard, Andreea Jones, Laura Jones, Kenneth Meier, Stephen Mendenhall, Shannon Sanders

The Office of Academic Assistance supports departments and schools in providing academic advisement for students in the college. 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 6:00 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 receive regular academic advisement 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. Students should call their major department/school/institute to make advisement appointments and/or find out the department's/school's/institute's walk-in advisement schedule. A list of undergraduate directors and advisers is available online at www.cas.gsu.edu/ugrad_advisors2.asp.

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 www.gsu.edu/es/24954.html online for details.

3060 Departments and Faculty

Department of African-American Studies

962 One Park Place South
404/413-5135
www.gsu.edu/afam

Charles E. Jones, Chair
Faculty: Core: Akinyela, Davis, Dixon, Dunham, Gayles, Jones, Presley, Umoja; Associate: Ali, Calhoun-Brown, Cleveland, Hall, Haydon, Manning, Marsh-Lockett, Phillips Maparyan, Reid-Vazquez, Rouse, Stewart, Vernick, West, Zeigler

Department of Anthropology

335 Sparks Hall
404/413-5156
www.cas.gsu.edu/anthropology/

Kathryn A. Kozaitis, Chair
Frank Williams, Undergraduate Director
Faculty: Glover, Guano, Kozaitis, McCombie, Papavasiliou, Patico, Turner-Livermore, White, Williams

Department of Applied Linguistics and English as a Second Language

34 Peachtree, 12th Floor
404/413-5200
www.gsu.edu/alesl

Sara C. Weigle, Chair
Cheryl Delk, Director of Intensive English Program
Sharon Cavusgil, Director of the ESL Program
Faculty: Belcher, Cavusgil, Cortes, Crossley, Friginal, Kim, Lindemann, Murphy, Nelson, Weigle; Intensive English Program: Bricker, Bunting, Delk, Gobron, Larsson, Snell, Suchke

Ernest G. Welch School of Art and Design

117 Arts and Humanities Building
404/413-5221
www.gsu.edu/art

Cheryl Goldsleger, Director
Constance Thalken, Associate Director
Faculty: Anderson, Burleson, Cleveland, Davenport, Decker, Dongoski, Drennen, Flowers, Floyd, Gilbert, Gindhart, Goldsleger,

Gunhouse, Hartwig, Hsieh, Longobardi, Milbrandt, Nichols, Peragine, Pollack, Reeves, Richmond, Stanford, Sugarman, Taylor, Thalken, Throop, West, White, Wsol

Department of Biology

495 Petit Science Center
404/413-5300
biology.gsu.edu

Phang C. Tai, Chair
Teryl Frey, Associate Chair
Barbara Baumstark, Director of Instructional Programs
Therese Poole, Undergraduate Director
Jerria McCoy, Undergraduate Coordinator
Faculty: Albers, Aneja, Attanasio, Baro, Bartness, Baumstark, Benson, Blaustein, Borek, Brewer, Brinton, Carruth, Chapman, Chin, Clancy, Crow, Cruz, Derby, Dix, Edwards, Eichenbaum, Eilertson, El-Mayas, Frantz, Frey, Gadda, Gilbert, Greer, Grober, Harrison, Hilliard, Horner, Houghton, Jackson, Jiang, Johnson, Katz, Kaur, Li, Lim, Y. Liu, Z. Liu, Lopanik, Lu, Maxwell, Murphy, Oommen, Pallas, Parilla, Pierce, Poole, Rehder, Roseberry, Ross, Tai, Ulrich,Walthall, Weber, Wilson, Zellars

Department of Chemistry

380 Petit Science Center
404/413-5500
chemistry.gsu.edu

Binghe Wang, Chair
Doyle J. Barrow, Jr., Undergraduate Director and Adviser
Faculty: Allison, Barrow, Baumstark, Dixon, Gadda, Germann, Grant, Hamelberg, Hamilton, Harden, Henary, Huang, Ivanov, Kennedy, Kibler-Herzog, Liu, Mutanyatta-Comar, Navarro-Eisenstein, Pascoe, Patonay, Ranga, Ray, Shamsi, Smith, Strekowski, Thota, Vasquez, B. Wang, G. Wang, Wilson, B. Xu, H. Xu, Yang, Zheng

Department of Communication

662 One Park Place South
404/413-5600
communication.gsu.edu

David Cheshier, Chair
Greg Lisby, Associate Chair
Doug Barthlow, Undergraduate Adviser
Faculty: J. Atkinson, N. Atkinson, Barker, Barthlow, Beck, Bellon, Bolia, Boozer, Bruner, Cheshier, Darsey, Davis, Edwards, Friedman, Fujioka, Fuller-Seeley, Grindstaff, Hoffner, Jiles, Johnson, Kulikova, Li, Lisby, Meyers, Miller, Packwood Freeman, Perren, Powers, Raengo, Ramzy, Restivo, Roberts, Robin, Rodriguez, Romski, Schiffer, Shahaf, Smith, Stuckey, Tabako, K. Teel, L. Teel, Tindall, Vollmer, Welch, Wilkin, Williams, Wilson, Winkler

Department of Computer Science

Ste. 1450, 34 Peachtree Street Building
404/413-5700
www.cs.gsu.edu

Yi Pan, Chair
Anu Bourgeois, Undergraduate Director
Faculty: Belkasim, Beyah, Bhola, Bourgeois, Cao, Harrison, Henry, Hu, Li, Nguyen, Owen, Pan, Prasad, Song, Sunderraman, Weeks, Zelikovskiy, Zhang, Zhu

Department of English

923 General Classroom Building
404/413-5800
www.gsu.edu/english

Matthew Roudané, Chair
Randy Malamud, Associate Chair
Audrey Goodman, Undergraduate Director
Marti Singer, Lower Division Studies Director
John Holman, Creative Writing Director
Faculty: Almond, Artese, Bottoms, Bowie, Brooks, Brown, Burmester, Burns, Burrison, Caldwell, Chase, Christie, Collins,

Dobranski, Erickson, Gabler-Hover, Gaillet, Galchinsky, Gallant, Goodman, Gu, Gylys, Hall-Godsey, Harker, Hirsh, Hocks, Holman, Joseph, Kocela, Lawrence, Lightsey, Lopez, Malamud, Marshall, Marsh-Lockett, McHaney, McLeod, Noble, Pullman, Raines, Richardson, Richtarik, Roudané, Russell, Samuel, Sattelmeyer, Schatteman, Schmidt, Singer, Smolinski, Snow, Stokesbury, Thomas, Voss, West, Zeigler

Department of Geosciences

340 Kell Hall
404/413-5750
www.cas.gsu.edu/geosciences/

W. Crawford Elliott, Chair
Jeremy E. Diem, Undergraduate Director for Geography
Contact department for Undergraduate Director for Geology
Faculty: Allensworth, Babaie, Clayton, Crampton, Dai, Deocampo, Diem, Edwards, Elliott, Hankins, Kiage, Krogstad, Palm, Rose, Roy, Terrell

Gerontology Institute

605 One Park Place
404/413-5210
www.gsu.edu/gerontology

Elisabeth Burgess, Director
Faculty: Ball, Burgess, Kemp, Pearman

Department of History

34 Peachtree Street, Suite 2050
404/413-6385
www.gsu.edu/history

Michelle Brattain, Chair
Wendy Venet, Associate Chair
Glenn Eskew, Undergraduate Director
Faculty: Ali, Baker, Biltoft, Blumi, Brattain, Carter, Conner, Cummings, Davidson, Davis, Eskew, Fletcher, Fromherz, Gainty, Grubbs, Hudson, Kuhn, Lasner, Laub, Matthews, McMillian, McCreery, Nadri, Perry, Poley, Reid-Vazquez, Reynolds, Rolinson, Rouse, Sehat, Selwood, Skwiot, Steffen, Urquhart, Venet, Wilding, Wilson, Young, Youngs

Department of Mathematics and Statistics

750 College of Education Building
404/413-6464
www.mathstat.gsu.edu

GuanTao Chen, Chair
Frank Hall, Associate Chair
Michael Stewart, Undergraduate Director
Faculty: Akbas, Alexander, Andikfar, Arav, Avart, Becker, Belinsky, Belykh, Bondarenko, Chen, Clewley, Elstak, Enescu, Fang, Grinshpon, Hall, Han, Harden, Li, H. Liu, J. Liu, Manzagol, Miller, Montiel, Myers, Patyi, Qin, Rogers, Sarkar, Shilnikov, Smirnova, Stewart, Timsina, Vidakovic, Xiao, Yao, Zhang, Y. Zhao, Yi. Zhao, Zhong

Middle East Institute

34 Peachtree St., Suite 2010
404/413-6140
www.gsu.edu/mideast

Michael Herb, Director
Nadine Sinno, Undergraduate Director
Faculty: Campbell, Eichenberg-Eilon, Herb, Sinno

Department of Military Science and Leadership

120 Courtland Building
404/413-6487
www.gsu.edu/rotc

Dora E. Teran, Chair
Faculty: Hoover, Teran, Savage, Sheffield

Department of Modern and Classical Languages

841 General Classroom Building
404/413-5980
www.gsu.edu/languages

Fernando Reati, Chair
Germán Torres, Associate Chair
Georges Perla, Undergraduate Director
Faculty: Alcócer, Bermudez, Bonnet, Braunrot, Carey, Cash, Del Río Parra, Diaz, Doig, Fernández L'Hoeste, Huff, Keatley, Le Calvez, Marsh, Mason, Mazzotta, Méndez, Moreno, Nichols, Pendrick, Perla, Reati, Rivera, Rodrigo, Schlig, Stewart, Swanson, Takatori, Torres, Young

School of Music

Haas-Howell Building, Room 520
404/413-5900
www.music.gsu.edu

W. Dwight Coleman, Director
Robert Ambrose, Associate Director and Undergraduate Director
Faculty: Albo, Ambrose, Baker, Carlisle, Carter, Clement, Clements, Coleman, Dahl, Demos, Frackenpohl, Fredriksen, Freeman, Freer, Galilaias, Gallo, Gerber, Gerschefski, Greene, Harper, Hartgrove, Haydon, Joseph, Long, Marshall,McFarland, Mixdorf, Moulson-Falewicz, Musco, Orr, Palmer, Pepping, Phillips, Seelman, Thompson, Vernick

Neuroscience Institute

800 Petit Science Center
Phone: 404-413-5445
www.neuroscience.gsu.edu

Walter Wilczynski, Director
Donald Edwards, Director of Undergraduate Studies
Faculty: **Core:** Albers, Carruth, Clewley, Cooke, Cymbalyuk, Derby, Edwards, Frantz, Huhman, Katz, Murphy, Pallas, Parent, Petrulis, Shilnikov, Wilczynski; **Associate:** Baro, Bartness, Belkasim, Belykh, Brosnan, Dhamala, Dix, Frishkoff, Germann, Graham, Grober, Hilliard, Jiang, King, Kleider, Laures-Gore, McClure Tone, Morris, Nahmias, Owren, Perera, Prasad, Rehder, Robins, Scarantino, Strekowski, Sunderraman, Tai, Walthall, Wang, Washburn, Weber, Weeks, Weiskopf, Yang, Zhang, Zhao, Zhu

Department of Philosophy

34 Peachtree St., 11th Floor
404/413-6100
www.gsu.edu/philosophy

George Rainbolt, Chair
Eddy Nahmias, Undergraduate Director
Faculty: Altman, Berry, A. I. Cohen, A. J. Cohen, Cox, Dwyer, Edmundson , Graham, Hartley, Jacobson, Lindsay, Nahmias, O'Keefe, Rainbolt, Rand, Scarantino, Weiskopf, Wilson

Department of Physics and Astronomy

400 Science Annex
404/413-6033
www.phy-astr.gsu.edu

H. Richard Miller, Chair
D. Michael Crenshaw, Undergraduate Director
Brian Thoms, Undergraduate Director
Faculty: Apalkov, Bentz, Crenshaw, Dhamala, Dietz, Doluweera, Evans, Gies, Hastings, He, Henry, Mani, Manson, McAlister, Miller, Morrow, Perera, Sarsour, Stockman, Thoms, White, Wilson

Department of Political Science

1005 General Classroom Building
404/413-6159
www2.gsu.edu/~wwwpol/

William M. Downs, Chair
Rashid Naim, Undergraduate Director
Faculty: Anthony, Bolsen, Bonnette, Brown, Calhoun-Brown, Carey, Carlin, Downs, Duffield, Evans, Feit, Franklin, Gershon, Grussendorf, Hankla, Herb, Howard, Lazarus, Lindsay, Manning, McCoy, McKay, Naim, Rapport, Reifler, Reimann, Richey, Steigerwalt, Subotic, Thronton, Young

Department of Psychology

11th floor, Urban Life Building
404/413-6200
www.gsu.edu/psychology

Lisa Armistead, Chair
Christopher C. Henrich, Associate Chair
Chris Goode, Undergraduate Director
Tenagne Mulugeta, Undergraduate Adviser
Faculty: Adamson, Albers, Anderson, Armistead, Bartness, Broadwell, Brosnan, Clarkson, L. Cohen, R. Cohen, Cook, Cooke, Culley, Darnell, Floyd, Frishkoff, Garfin, Goode, Henrich, Huhman, Jackson, King, Kleider, Kuperminc, Lamoreaux, Latzman, Lewis, Masuda, M. Morris, R. Morris, Owren, Özçalışkan, Romski, Parent, Parrott, Pearman, Perilla, Peterson, Petrulis, Poister Tusher, Robins, Sevcik, Sheehan, Smalls, Stewart, Tone, Tully, Washburn, Wilczynski, Weaver, Weyermann, Williamson

Department of Religious Studies

34 Peachtree Street, 11th floor
404/413-6110
www.gsu.edu/religion

Kathryn McClymond, Chair
Jonathan Herman, Undergraduate Director
Faculty: Barzegar, Bassett, Bell, Herman, Lloyd, McClymond, Renick, Ruprecht, Weiner

Department of Sociology

1041 General Classroom Building
404/413-6500
www.gsu.edu/sociology

Donald C. Reitzes, Chair
Wendy Simonds, Undergraduate Director
Faculty: Ainsworth, Baunach, Burgess, P. Davis, T. Davis, Donnelly, Gayman, Greif, Harvey, Hatch, Jaret, Kim, Konrad, Langenkamp, Larossa, Oakley, Reid, Reitzes, Roche, Ruel, Ryan, Sheff, Simonds, Stombler, Tester, Zhan

Women's Studies Institute

10th Floor Urban Life Building
404/413-6587
www.gsu.edu/womensstudies

Susan Talburt, Director
Julie Kubala, Undergraduate Director
Faculty: Jarmakani, Kubala, Phillips Maparyan, Sinnott, Talburt

3070 Research Centers and Areas of Focus Programs

Asian Studies Center

Dr. Kim Reimann, Director

The Asian Studies Center promotes scholarly and academic activities related to Asia and Asian Americans. To this end, the center focuses primarily on research activities and learning opportunities for faculty and students pertaining to South Asia, China and Inner Asia, Southeast Asia, Northeast Asia, and Americans of Asian descent. A variety of programs are supported by the Center, which works to develop and advance a strong awareness of Asia's contributions and importance to the university, the United States, and the world. For more information: www.gsu.edu/~wwwast/.

Center for Biotechnology and Drug Design

Drs. Phang C. Tai, Director; A. L. Baumstark, Co-director

The Center for Biotechnology and Drug Design consists of an interdisciplinary group of faculty members from the Departments of Biology, Chemistry, Physics and Astronomy and Computer Science. The center supports faculty research and graduate student training, and collaborative efforts with biotechnology firms in Georgia. Core facilities, supported in part by Georgia Research Alliance, house state-of-the-art research equipment, including high-field NMR spectrometers, nucleic acid/protein sequencers, cell sorters, DNA thermocyclers, RT-PCR, Affimetrix Gene Chip arrays, Mass Spectrophotomer, BiaCore and phosphoimagers. The center provides research opportunities for M.S. and Ph.D. students in biotechnology and related fields. For more information: www.biology.gsu.edu/bio/BDD/index.html.

Center for Behavioral Neuroscience

Dr. H. Elliott Albers, Director

The Center for Behavioral Neuroscience, a National Science Foundation Science and Technology Center, is an award-winning, interdisciplinary research consortium composed of more than 150 neuroscientists from institutions throughout the Atlanta area. The center conducts innovative research in behavioral neuroscience, educates a new generation of interdisciplinary investigators, and promotes an increased public awareness of the interaction of brain function and behavior. Faculty from Georgia State's Neuroscience Institute and the Departments of Biology, Chemistry, and Psychology play important roles in the work of the center. For more information: www.cbn-atl.org.

Brains & Behavior Program

Dr. Walter Wilczynski, Director

Brains & Behavior (B&B) is a multi-departmental umbrella program that promotes research broadly related to the Neurosciences. It sponsors student fellowships, provides seed grants for research and promotes collaborations across departments. For more information: neuroscience.gsu.edu/brains_behavior.html.

Center for Collaborative and International Arts

Prof. Ralph Gilbert, Director

The Center for Collaborative and International Arts (CENCIA) brings together creative writers, visual arts, composers, musicians, actors and playwrights, filmmakers, and scholars engaged in arts-related research at Georgia State University. This cutting edge union of arts-related disciplines is helping to guide the trajectory of the fine arts in the 21st century as boundaries between traditional disciplines give way to exciting new partnerships. As part of and in addition to these activities, CENCIA coordinates the Internationalizing the Arts Area of Focus for the university. For more information visit: arts.gsu.edu.

Center for Collaborative Scholarship in the Humanities

Dr. David Cheshier, Director

CCSH showcases research in the humanistic disciplines. The main project work of the center is focused on the creation of multi-year research teams, each charged with soliciting external financial support for collaborative scholarship. Center activity also aims to publicize outstanding humanistic work already underway by GSU faculty and students, to provide online resources for those seeking enhanced support for their work, and to establish and strengthen partnerships with local and regional organizations and institutions engaged in related activity. For more information visit: humanities.gsu.edu.

Center for Educational Partnerships in Music

Prof. Marilyn Seelman, Interim Director

The Center for Educational Partnerships in Music (CEPM) promotes excellence in music teaching and learning through partnerships among the university, P-12/continuing education, and community arts organizations. In support of this mission, CEPM develops model programs, serves as a resource for existing partnerships, and conducts research on the educational effectiveness of partnership programs. For more information: www.cmp.music.gsu.edu.

Center for Environmental Research

Dr. Sidney Crow, Director

The Center for Environmental Research provides diverse research activities at Georgia State University concentrating on environmental issues and problems. By offering undergraduate and graduate research opportunities, the center prepares students for environmentally oriented careers in regional, state, and local governmental agencies and industries. The center is composed of interdisciplinary faculty from the Departments of Anthropology, Biology, Chemistry, Computer Science, Economics, Geosciences, Mathematics and Statistics, Philosophy, Physics and Astronomy, and Public Administration.

Jean Beer Blumenfeld Center for Ethics

Dr. Andrew I. Cohen, Director

The Center for Ethics supports research on contemporary ethical issues and serves the university and the Atlanta community by sponsoring symposia, lectures, and other programs on ethics in areas such as health care, business, and government. Center affiliates include faculty from several fields in the humanities and social sciences. For more information: www.gsu.edu/ethics.

Center for Hellenic Studies

Dr. Nickitas J. Demos, Director

The Center for Hellenic Studies has the mission of expanding and disseminating knowledge of ancient and contemporary Hellenic cultures. The center achieves this aim through interdisciplinary research, university courses, and community events that focus on Greek history, philosophy, religion, language, society, and arts. The center also supports greater interaction between American and Greek institutions. For more information: www.cas.gsu.edu/hellenic_studies_center.html.

Center for High Angular Resolution Astronomy

Dr. Harold McAlister, Director

The Center for High Angular Resolution Astronomy (CHARA) conducts research involving very high resolution imaging of astronomical objects. The center has designed and built the CHARA Array, an optical/interferometric array of six 1-meter telescopes capable of achieving resolution down to 0.0002 arcsecond. This is 50 times greater resolution than that of the Hubble Space Telescope. The Array is located on the grounds of Mt. Wilson Observatory in the San Gabriel Mountains of southern California. Georgia State is the only university in the world to have such a uniquely powerful instrument. Faculty, staff, and graduate students from the Department of Physics and Astronomy utilize the CHARA Array for a variety of research programs. For more information: www.chara.gsu.edu/CHARA.

Center for Human Rights and Democracy

Drs. William Downs and Fernando Reati, Co-directors

The mission of the Center for Human Rights and Democracy is to create a major interdisciplinary, collaborative program focused on the contemporary and comparative study of human rights and democracy. Efforts focus on cities, post-colonial nations, post-Soviet regions, post-dictatorship societies, and democracies with high rates of immigration. For more information: www2.gsu.edu/~wwwpol/6131.html

Center for International Media Education

Dr. Leonard Ray Teel, Director

The Center for International Media Education was established in 1997 to assist in the development of media education, professionalism and and research in various parts of the world. The principal focus currently is on the Middle East, North Africa and China. The Center concentrates on curriculum development, student publications, academic and professional internships, and international communication research. It currently publishes two journals, the *Journal of Middle East Studies* and the *Atlanta Review of Journalism History*. For more information: www.gsucime.org

Center for Latin American and Latino/a Studies

Dr. Hector Fernandez-L'Hoeste, Director

The Center for Latin American and Latino/a Studies addresses issues of Latin American and Latino culture, economics, and politics through interdisciplinary research, education, and community outreach. Faculty from a variety of departments, including Anthropology, Art and Design, Communication, Geosciences, History, Modern and Classical Languages, Political Science, Psychology, and Religious Studies, examine the opportunities and challenges presented by the emerging Hispanic presence in the Atlanta area and the increasing importance of Latin American culture in the United States. For more information: www2.gsu.edu/~wwwcla/.

Molecular Basis of Disease Program

Dr. Teryl K. Frey, Director

Molecular Basis of Disease is a multi-departmental program in biomedicine that includes faculty in six departments engaged in interdisciplinary research: Biology, Chemistry, Computer Sciences, Physics and Astronomy, Mathematics and Statistics, and Computer Information Systems. The program provides both graduate and undergraduate fellowships as well as support for the state-of-the-art facilities in these departments. For more information: biology.gsu.edu/mbd.

Center for Neighborhood and Metropolitan Studies

Dr. Timothy Crimmins, Director

The Center for Neighborhood and Metropolitan Studies is an interdisciplinary group created to focus academic research, teaching, and service on the needs of neighborhoods where people live and confront localized issues. Created from a recommendation made by Georgia State University's Arts and Sciences Urban Group, the Center also addresses the whole of the metropolis to allow the study of problems that affect all cities and encourage a comparative focus. For more information: www2.gsu.edu/~wwwnms/.

Center for Neuromics

Dr. Paul S. Katz, Director

The Center for Neuromics fosters research on the fundamental unit of the brain, the neuron. Just as genomics is the characterization of all the genes in an organism, neuromics is the study of neurons and the interconnectivity. The center sponsors research seminars and provides some research support for students working in the field of neuromics. For more information: neuroscience.gsu.edu/neuromics.html.

Center for Research on Atypical Development and Learning

Dr. MaryAnn Romski, Director

The Center for Research on Atypical Development and Learning (CRADL) coordinates scholarly efforts that focus on gaining a fuller understanding of atypical developmental and learning processes from birth through adolescence. An interdisciplinary center, CRADL supports basic and applied research in three primary areas: developmental disabilities, including autism; developmental learning and attention disorders; and acquired brain damage. The center also facilitates educational and outreach efforts. For more information: www.gsu.edu/~wwwaty/.

Language Research Center

Dr. David Washburn, Director

The Language Research Center, located on a 55-acre tract of forest in southeast Atlanta, studies the nature of language and the emergence of symbolic-communication skills. Its research concentrates on the advanced cognitive processes of the great apes and monkeys. The center provides graduate research opportunities for students and faculty from the Departments of Psychology, Anthropology, Computer Science, Counseling and Psychological Services, and Biology. For more information: www.gsu.edu/lrc.

Regents Center for Learning Disorders

Dr. Mary Morris, Director

The Board of Regents of the University System of Georgia has established three centers for the provision of assessment, resources, and research related to students within the University System who have learning disorders. The Regents' Center for Learning Disorders at Georgia State University has been assigned to serve 14 institutions in the Northwest Georgia area. For more information: www.gsu.edu/rcld/.

Research on the Challenges of Acquiring Language and Literacy Program

Drs. Rose Sevcik and Paul Alberto, Co-Directors

The goals of the L&L program are to integrate and build on our current nationally recognized individual research programs to create a world-class interdisciplinary research and doctoral training program focused on the acquisition of language and literacy. The L&L Program includes faculty from the College of Arts and Sciences and the College of Education, including the departments of Educational Psychology and Special Education, Psychology, Anthropology, Applied Linguistics, Communication, Early Childhood Education, Educational Policy Studies, and Philosophy. It also involves partnership with the Center for Research on Atypical Development and Learning, the Language Research Center, and the Regents' Center for Learning Disorders. For more information researchlanglit.gsu.edu/index.html.

Urban Health Program

Dr. Michael Eriksen, Director

The goal of the Georgia State University Urban Health initiative is to become nationally recognized as a center of excellence in urban health research. The program involves multiple partners from the colleges of Arts and Sciences, Health and Human Sciences, and Law. For more information: urbanhealth.gsu.edu/

3080 Facilities and Projects

Art Galleries

The School of Art and Design maintains an active gallery and special events schedule. Exhibitions, lectures, and workshops by artists of national renown as well as exhibitions by students and faculty of the School of Art and Design are regularly presented through the galleries. For more information: www.gsu.edu/artgallery

Advanced Biotechnology Core Facilities

The Departments of Biology and Chemistry operate a number of state-of-the-art core facilities that support instructional and research programs. These include high-field nuclear magnetic resonance, biological imaging, confocal microscopy, molecular modeling, fermentation, and protein/nucleic acid syntheses, amplification, and sequence analyses. For more information: biology200.gsu.edu/core_facility/home.html

El Centro: National Latino Research Center on Domestic Violence

Dr. Julia Perilla, Director

El Centro is a national research center on domestic violence in Latino communities, and it is part of the National Latino Alliance to Eliminate Domestic Violence. *El Centro*'s mission is three-fold: (1) to promote culturally appropriate research and evaluation regarding the issue of domestic violence in Latino communities; (2) to mentor and serve as a resource for Latino and Latina researchers and other researchers interested in the issue of domestic violence in the Latino population; and (3) to maintain an ongoing dialogue with practitioners and service providers regarding relevant research topics that address emerging needs in Latino communities.

Florence Kopleff Recital Hall

The School of Music's 380-seat Kopleff Recital Hall is located on the corner of Gilmer Street and Peachtree Center Avenue. This acoustically superb performance hall is equipped with a 3-manual, 36-rank Miller pipe organ. The facility is used for performances by music faculty and students and by distinguished visiting artists from around the world.

Georgia Government Documentation Project

The Georgia Government Documentation Project (GGDP), a joint venture of the Department of History and the Special Collections Department of the University Library, records the state's political heritage through oral history interviews and collections of associated papers. The GGDP collection includes more than 250 interviews with former governors, legislators, women in politics, African-American political activists and leaders, journalists, and numerous other public figures. The GGDP also actively collects interviews conducted by other scholars of Georgia politics. The project is housed in the Georgia State University Special Collections Department. For more information: www.library.gsu.edu/spcoll/ggdp.

Georgia Women's Movement Project

The Georgia Women's Movement Project, a collaborative project of the Women's Studies Institute and the Special Collections Department of the University Library, preserves the papers and artifacts of individuals and organizations involved in the struggle for women's rights in Georgia with particular attention to the Equal Rights Amendment. Established in 1996, the Georgia Women's Movement Archives, housed in the Georgia State University Special Collections Department, includes collections and oral history interviews. The Institute relies on the archives for primary and secondary sources used in research and teaching on the history of women's movements in Georgia and for comparative research globally. For more information: www.library.gsu.edu/spcoll/women.

Hard Labor Creek Observatory

The university's Hard Labor Creek Observatory, located in the Hard Labor Creek State Park 50 miles east of Atlanta, houses two 16-inch and 20-inch cassegrain reflecting telescopes and a 40-inch equivalent aperture "multi-telescope telescope," which is the southeast's largest astronomical telescope. These instruments are equipped with modern digital electronic cameras for imaging and spectroscopy and are regularly used by faculty and students in the Department of Physics and Astronomy. Open houses are held monthly except during the winter. For more information: www.chara.gsu.edu/HLCO/.

Viral Immunology Center

Dr. Julia K. Hilliard, Director

The mission of the Viral Immunology Center is to enhance the understanding of virus-host interactions, particularly for zoonotic infections that affect the central nervous system. Studying virus-host relationships furthers knowledge regarding how viruses and hosts modulate each other for the ultimate survival of each entity, how evolution and adaptation progress for the development of a successful relationship, and how to target mechanisms to prevent host morbidity and mortality as a result of infection. Additionally, the Center is the home of the National B Virus Resource Center. For more information: www.gsu.edu/~wwwvir.

3090 African-American Studies

Programs Offered:

1. **Bachelor of Arts in African-American Studies**
   - **Concentration in Humanities**
   - **Concentration in Social/Behavioral Science**
   - **Concentration in Pre-Education**
2. **Minor in African American Studies**

Department of African-American Studies
962 One Park Place South
404/413-5135
www.gsu.edu/afam
Charles E. Jones, Chair

African-American Studies offers an interdisciplinary approach to the study of African people nationally and globally. It recognizes how issues and factors in addition to race affect the lives of African people worldwide. As an interdisciplinary field of concentration, it offers critiques of 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 disciplines; the knowledge and skills necessary for the study of group cultures; and a curriculum that contributes to the goals of multicultural education. Faculty and courses are drawn from the department itself and from other departments/schools/institutes in the university.

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, WSt 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)
   - Consult college or department adviser for additional course
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 4600 Enslavement and Resistance in North America (3)
- AAS 4620 Enslavement in the Americas (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 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 (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/WSt 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: IT 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).

3100 Anthropology

Programs Offered:

1. **Bachelor of Arts in Anthropology**
2. **Minor in Anthropology**

Department of Anthropology
335 Sparks Hall
404/413-5156
www.cas.gsu.edu/anthropology/

Kathryn A. Kozaitis, Chair
Frank Williams, 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, and cultural anthropology. Anthropologists are frequently teachers and/or researchers in educational systems, 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 and minority group relations in such areas as medicine, community development, education, tourism, business, and other specialties.

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 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 Anthropology

Area F: Courses Appropriate to the Major Field (18)

1. 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. 2. Choose two from the following (6)
   - Math 1070 Elementary Statistics (3)
   - Hist 1111 Survey of World History to 1500 (3)
   - [But only one of these]:
   - AL/ForL 2101 Introduction to Language (3)
   - AL/ForL 2102 Languages of the World (3)
   - Lang 2002 Intermediate Foreign Language (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)
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 4350 Applied Biocultural Anthropology (3)
   - Anth 4360 Methods and Theories in Biological Anthropology (3)
   - Anth 4370 Forensic Anthropology (3)
   - Anth 4440 Epidemiology and Anthropology (4)
   - Anth 4480 Ethnographic Analysis (4)
   - Anth 4550 Field School in Anthropology (4-8)
   - Anth 4590 Archaeological Methods (4)
   - Anth 4620 Quantitative Methods in Anthropology (4)

- Anth 4630 Qualitative Methods in Anthropology (3)
- 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. 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)
2. 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.

3110 Applied Linguistics and English as a Second Language

Programs Offered:

1. **Bachelor of Arts in Applied Linguistics**
2. **Certificate in Teaching English as a Foreign Language**
3. **Minor in Applied Linguistics**
4. **ESL Credit-Bearing Courses**
5. **Intensive English Program**

Department of Applied Linguistics and English as a Second Language
34 Peachtree Street, Suite 1200
404/413-5200
gsu.edu/alesl

Sara C. Weigle, Chair
Viviana Cortes, 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, improving intercultural communication, and understanding the relationship between language and social organization.

The Department of Applied Linguistics and English as a Second Language offers (1) a B.A. degree in Applied Linguistics; (2) a certificate in Teaching English as a Foreign Language (TEFL), (3) ESL credit-bearing courses for non-native speakers of English, and (4) Intensive English Program (IEP) courses for non-native speakers of English.

The B.A. in Applied Linguistics provides 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 postbaccalaureate 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 3051 is a prerequisite for AL 4161.

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.

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 institute. For a complete list of courses and their respective fees, go to General Registration Information at www.gsu.edu/es/20272.html.

B.A. in Applied Linguistics

Area F: Courses Appropriate to the Major Field (18)

1. Required courses (6):
   Choose **two** of the following:
   - AL 2101 Introduction to Language (3)
   - AL 2102 Languages of the World (3)
   - AL 2231 Understanding Miscommunication (3)
2. The foreign language requirement for the degree is as follows.

1.
   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).
   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. **NOTE:** American Sign Language is considered a LTCL for the purposes of fulfilling this requirement.

   1.
   - Lang 1001 Beginning Foreign Language I* (0-6)
   - Lang 1002 Beginning Foreign Language II (0-3)
   - Lang 2001 Intermediate Foreign Language I (0-3)
   - Lang 2002 Intermediate Foreign Language II (0-3)
     *At least one course at the 1001 level must be a Less Commonly Taught Language.
     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.
2. Electives (0-12)*
   - Lang 1001-1002 Beginning 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)
   - *Students who complete their foreign language requirement through examination must choose additional electives at the 1000-2000 level to reach 18 credit hours in Area F.

Area G: Major Courses (30)

1. The following course is a prerequisite for all other 3000-4000 level courses except AL 3101:
   - AL/ForL 3021 Introduction to Linguistics (3)*
2. Required Courses to fulfill CTW requirement (6)
   - AL 3031 Language in Society-CTW (3) and
   - AL 4151 Communication across Cultures-CTW (3)

3. Major Requirements (6):
   Choose two (the third may be used as elective under #4 below):
   - AL 3041 Introduction to Second Language Acquisition (3)*
   - AL 4011 Phonetics and Phonology (3)
   - AL 4012 Morphology and Syntax (3)
4. 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 4111 Semantics and Pragmatics (3)
   - AL 4121 Historical Linguistics (3)
   - AL 4131 Bilingualism (3)
   - AL 4141 Special Topics (3)
   - AL 4151 Communication across Cultures (3)
   - AL 4161 Teaching English as a Foreign Language II: Practicum & Classroom Practices (3)*
   - AL 4999 Directed Reading (3)
   - *Students completing the five courses marked with an asterisk (*) will also receive the certificate in Teaching English as a Foreign Language.
5. Electives in other departments. Other relevant electives may be taken with the approval of the student's advisor. Study abroad courses offered through any department may be used as electives with adviser approval. (6)
   - AAS 3240 Peoples and Cultures of Africa (3)
   - AAS/Engl 3955 Language in the African-American Community (3)
   - Anth 4040 Gender, Race, and Class in Complex Societies (3)
   - Anth 4490 Global and Local Culture (3)
   - Econ 3610 Economy of South Africa (3)
   - EXC 4370 Survival Level American Sign Language (3)
   - EXC 4380 Intermediate Level Am Sign Language (3)
   - Engl 3100 20th Century Composition Theory and Practice (3)
   - Engl 3200 Introduction to English Language (3)
   - Engl 3210 Advanced Grammar (3)
   - Engl 3220 History of the English Language (3)
   - ForL 3022 Foundations of Second Language Teaching (3)
   - Grmn 4401 Phonetics and Phonology (3)
   - Hist 4820 Cross-Cultural Encounters in World History (4)
   - Jour 4650 International Communication (3)
   - Lang 3xxx Chosen from 3000-level courses in your foreign language
   - Phil 4530 Philosophy of Language (3)
   - Psyc 4030 Cross-Cultural Psychology (3)
   - Psyc 4100 Cognitive Psychology (3)
   - RelS 3270 Survey of World Religions (3)
   - Soci 3212 Race and Ethnic Relations (3)
   - Soci 3340 Population Problems (3)
   - Span 4401 Introduction to Spanish Linguistics (3)
   - Spch 3450 Non-Verbal Communication (3)
   - Spch 3750 Intercultural Communication (3)
   - Spch 4400 Development of Communication and Language across the Lifespan (3)
   - Spch 4410 Communication Disorders (3)
   - Spch 4490 Communication and Gender (3)

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 hours, exclusive of KH 1010. Students are strongly encouraged to choose electives from the lists above.

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/ForL 3021 Introduction to Linguistics is a prerequisite for all courses in 3-6.

1. Lang 1002 Beginning Foreign Language II (3)*
   - AL/ForL 3021 Introduction to Linguistics (3)
   - AL/ForL 3031 Language in Society (3)

2. Select one course. (3)
   - AL/ForL 3041 Introduction to Second Language Acquisition (3)
   - AL/ForL 4131 Bilingualism (3)
3. Select one course. (3)
   - AL/ForL 4011 Phonetics & Phonology (3)
   - AL/ForL 4012 Morphology & Syntax (3)
4. Select one course. (3):
   Choose from remaining courses above under 4 and 5 or from the following list:
   - AL 3051 Methods of Teaching English as a Foreign Language I: Methods and Approaches (3)
   - AL/ForL 4111 Semantics and Pragmatics (3)
   - AL/ForL 4121 Historical Linguistics (3)
   - AL/ForL 4131 Bilingualism (3)
   - AL/ForL 4141 Special Topics (3)
   - AL/ForL 4151 Culture and Language Learning (3)
   - AL 4161 Teaching English as a Second Language II: Practicum and Classroom Practices (3)
   - AL 4980 Language Partner Field Experience (3)
   - AL 4999 Directed Reading (3)

*Lang 1002 is waived if it is a requirement in the student's declared major.

3120 Arabic

Program Offered:

Minor in Arabic Language and Literature

Middle East Institute
34 Peachtree St., 20th Floor
404/413-6140
www.gsu.edu/mideast

Michael Herb, Director

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 an adviser at the MEI before signing up for the Arabic minor.

3130 Art and Design

Programs Offered:

1. **Bachelor of Arts in Studio Art**

- **Concentration in Studio Art**
- **Concentration in Art History**

2. **Bachelor of Fine Arts in Art Education**
3. **Bachelor of Fine Arts in Studio Art**
   - **Concentration in Drawing, Painting, and 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)**
4. **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
www.gsu.edu/art

Cheryl Goldsleger, Director
Constance Thalken, Associate Director

The Ernest G. Welch School of Art and Design offers degree programs in studio art, 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, painting, and 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 art or in art history. The Studio B.A. program covers a range of art courses and a studio concentration. Art history is a more 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

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 a major in studio art or into a major in art education. The studio art program requires a concentration in one of the following areas: drawing, painting, and printmaking; graphic design; interior design; photography; textiles; or three-dimensional studies (ceramics or sculpture). Acceptance to a major 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 art education major 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). Application to the major must occur prior to completing 15 additional semester hours in art. Students must have earned a 2.5 overall cumulative GPA, a 3.0 GPA in all art content courses, and passed the Basic Skills GACE for entrance to the major.

Admission to Studio Art

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 Art 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 concentration, students should seek advisement from the Area Coordinator for that concentration. 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. 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. 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.

A grade of C or higher is required in all major 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 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. For a complete list of courses and their respective fees, go to General Registration Information at www.gsu.edu/es/20272.html.

B.A. in Studio Art

Studio Art 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)

1. Major Requirements (27-35)
   a. Complete minimum of 18 hours in 3000-level courses from among four different studio art 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.

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 majors 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 majors complete the foreign language sequence Lang 1002, 2001, and 2002. (See "Foreign Language Requirement for B.A. and B.I.S. degrees," previously described.)
3. 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, Renaissance, and Baroque**
      - 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**
      - AH 4500 Nineteenth-Century European Art (3)
      - AH 4600 Modern Architecture (3)
      - AH 4610 Twentieth-Century Modernism and Postmodernism (3)
      - AH 4700 Contemporary Art: Theory and Criticism (3)
      - Also counting for this area with permission of adviser:
        - AH 4620 African-American Art (3)
        - AH 4650 American Art (3)
        - AH 4660 Nineteenth and Twentieth-Century Art in Latin America (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 the Americas**
- AH 4630 Pre-Columbian Art (3)
- AH 4650 American Art (3)
- AH 4660 Nineteenth and Twentieth-Century Art in Latin America (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, Prt 3910, Text 3910, and GrD 3910). No more than two cross-disciplinary seminars may count towards the major.

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. If the Lang 1002, 2001, 2002 sequence is not completed in the core curriculum, Lang 2002 must be taken as an additional course in the 60 hours beyond the undergraduate core curriculum.
2. Students majoring in art history 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

1.
   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)

Application to the art education major 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 4200/6200). Students must have earned a 2.5 overall cumulative GPA, a 3.0 GPA in all art content courses, and passed the GACE Basic Skills tests for entrance to the

major. Students should contact an art education faculty member for information about criteria and application procedures and check the GACE website at: www.gace.nesinc.com/PDFs/GA_PG_fld109110_complete.pdf.

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 is required in all major 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.

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 1000-level 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 Photography I (3)
   - DPP 3050 Introduction to Printmaking (3)
   - 3DS 3000 Sculpture I (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) (serves as one of the two courses needed to fulfill CTW requirement)
   - AE 4300 Art for Middle and Secondary Schools (3)
   - AE 4400 Media, Technology, and Visual Presentation (4)
   - AE 4900 Art Theory and Criticism in Art Education (3) (serves as one of the two courses needed to fulfill CTW requirement)
4. AE 4750, AE 4760, AE 4770, and AE 4780 (Student Teaching) (12)
5. 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 or post-baccalaureate students will be allowed to register in 6000-level courses, AE 6200, 6300, 6400, and 6900. These courses count only toward certification not as hours in the MAEd.

Application for Entry into Teacher Education

Prior to being approved for student teaching, art education majors must meet professional requirements for entry into teacher education as listed in the "Teacher Preparation" chapter of this catalog. Students are also required to have a 2.5 overall cumulative GPA and to have passed the GACE I and Regents' exams.

Pre-Student-Teaching Review

Prior to being approved for student teaching, all art education students must pass a portfolio-based Pre-Student-Teaching Review, have earned a grade of B- or higher in all art education courses, and have earned a 3.0 GPA for all art courses. 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.

Certification Tests

For Georgia teacher certification, all candidates must take and pass the GACE Basic Skills test and GACE I and II tests. GACE Basic Skills, required for entry into the major and teacher education, is a three-part test of basic academic skills in reading, writing, and mathematics. GACE I and II are required for certification and are usually taken the semester prior to student

teaching. These are certification tests of art content knowledge. The Counseling Center may be contacted at 404/413-1640 for an examination schedule and application form.

B.F.A. in Studio Art (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

1.
   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)

Major courses requirements for each of the areas of concentration in studio art are listed below. B.F.A. degree requirements for each of the major areas of concentration in studio art 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. 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 a major in 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.

1. Required Courses to fulfill CTW requirement (6)
   - Art 3910 Critical Issues in Contemporary Art-CTW (3) included in Area G below
   - DPP 4950 Portfolio II-CTW (3) included in Area G below
2. Concentration Core Requirements (9)
   - DPP 2100 Advanced Drawing (3)
   - DPP 3000 Life Drawing (3)
   - DPP 3050 Introduction to Printmaking (3)
3. Art 3910 Critical Issues in Contemporary Art-CTW (3) fulfills CTW entry level requirement
4. Art History: Select one course (3)
   - AH 4610 Twentieth-Century Modernism and Postmodernism (3)
   - AH 4700 Contemporary Art: Theory and Criticism (3)
5. 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)
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. Areas of Emphasis
   Students must elect to follow the drawing and painting emphasis or the printmaking emphasis. Each program of study is described below.

6.
   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 majors 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.

1. Required Courses to fulfill CTW requirement (6)
   - GrD 3910 History of Graphic Design (3)
   - GrD 4950 Portfolio II (3) included in Area G below
2. Sophomore Requirements (12)
   - Sophomore Level (fall) (9)
     - GrD 3000 Introduction to Graphic Design (3)
     - GrD 3150 Introduction to Typography (3)
       Enroll in 3150 concurrently with either 3000 (fall) or 3200 (spring).
     - GrD 3910 History of Graphic Design (3) (serves as one of the two courses needed to fulfill CTW requirement)
   - Sophomore Level (spring) (3)
     - GrD 3200 Intermediate Graphic Design (3)
3. BFA Entrance Review
4. Upper Level Requirements (39)
   - Junior Level (fall) (9)
     - GrD 4020 Advanced Typographic Design (3)
     - GrD 4100 Print and Editorial Design (3)
     - GrD 4310 Multimedia Design (3)
   - Junior Level (spring) (12)
     - GrD 4150 Collateral Design for Print Applications (3)

        - GrD 4250 Graphic Design in Popular Culture (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) (9)
        - GrD 4550 Specialized Applications of Graphic Design (3)
        - GrD 4600 Senior Workshop in Graphic Design (3)
        - GrD 4950 Graphic Design Portfolio (3) (serves as one of the two courses needed to fulfill CTW requirement)
5. Select two electives (6-7)
    - GrD 3300 Illustration: Concepts through Images (3)
    - Phot 3000 Photography I (3)
    - Phot 3010 Photography II (3)
    - DPP 3250 Screen Print and Experimental Printmaking (4)
    - DPP 3550 Book Arts (3)
    - Phot 3600 Digital Video for Artist (4)
    - Grd 4840/CSc 4840 Computer Graphics Imaging (3)
    - GrD 4841/CSc 4841 Computer Animation (3)
6. Select one AH 4000-level Art History (3)
7. 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 majors 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.

1. Required Courses to fulfill CTW requirement
    - Art 3910 Critical Issues in Contemporary Art-CTW (3)
    - ID 4950 Portfolio II (3) included in Area G below
2. Area A Concentration Requirements prior to Portfolio Review for acceptance into Interior Design concentration (3).
    - Math 1111 College Algebra (3)
3. Area D Concentration Requirements prior to Portfolio Review for acceptance into Interior Design concentration (8).
    - Phys 1111K Introductory Physics I (4) and
    - Phys 1112K Introductory Physics II (4)
4. Sophomore Level (fall) Requirements in Area G prior to Portfolio Review for acceptance into Interior Design concentration (9).
    - ID 3000 Architectural Drawing I: Drafting (3)
    - ID 3300 Interior Design: Theory (3)
    - ID 3910 History of Interior Design I: Antiquities to the Nineteenth Century (3)
5. BFA Entrance Portfolio Review at the end of Fall semester
6. Upper Level Area G Requirements for accepted Interior Design majors (42)
    - Sophomore Legel (spring)
        - ID 3100 Architectural Drawing II: Presentation (3)
        - 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 4300 Commercial Design I (3)
        - ID 4350 Computer-Aided Drafting and Design II (2)
    - Junior Level (spring)
        - ID 4210 Residential Design II (3)
        - ID 4310 Commercial Design II (3)
        - ID 4400 Architectural Drawing V: Working Drawings (3)
    - Senior Level
        - ID 4000 Interior Design: Selected Topics: (3-6)
        - ID 4800 Professional Practice (2)
        - ID 4940 Interior Design Portfolio I (2)
        - ID 4950 Interior Design Portfolio II (3) (serves as one of the two courses needed to fulfill CTW requirement)
7. Select one AH 4000-level Art History and one studio Elective or select two studio electives: Interior design studios listed below are recommended and may be repeated for a maximum of six credit hours (3-6). Other acceptable elective options exist within the university. Upper level ID students should discuss elective options with their assigned ID area advisor.
    - ID 4500 Directed Study (3-6)
    - ID 4930 Interior Design Internship (3-6) Note: ID 4930 qualifies for academic credit only after completion of ID 4200, 4210, 4300, and 4310 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).
    - 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. 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.

1. Required Courses to fulfill CTW requirement
    - Art 3910 Critical Issues in Contemporary Art-CTW (3)
    - Phot 4950 Portfolio II-CTW (3) included in Area G below
2. Concentration Requirements (37)
    - Phot 3000 Photography I (3)
    - Phot 3010 Photography II (3)
    - Phot 3910 History of Photography (3)
    - Phot 3100 Alternative Processes (4)
    - Phot 3200 Color Photography (4)
    - Phot 3300 Studio Photography (4)
    - Phot 3500 Digital Photography (4)
    - Phot 4500 Directed Study in Photography (6-12)
    - Phot 4940 Portfolio I (3)
    - Phot 4950 Portfolio II (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 3600 Digital Video for Artists (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. 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.

1. Required Courses to fulfill CTW requirement
    - Art 3910 Critical Issues in Contemporary Art-CTW (3)
    - Text 4950 Portfolio II-CTW (3) included in Area G below
2. Concentration Requirements (42)
    - Text 3000 Fibers, Colors, Dyes, and Dyeing (3)

- Text 3100 Surface Design I (3)
- Text 3200 Textile Structures I (3)
- Text 3500 Surface Design II (4)
- Text 3700 Heat Transfer Printing (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)

3. Art 3910 Critical Issues in Contemporary Art-CTW (3) fulfills CTW entry level requirement
4. 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 Desigin II (4)
   - Text 4930 Internship in Textile Design (3)
   - Text 4980 Special Problems (1-6)
5. 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 Sculpture I (3)
   - Text 3300 Fibers, Fabrics, and Forms (3)
6. 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 sculpture and ceramics.

1. Required Courses to fulfill CTW requirement (6)
   - Art 3910 Critical Issues in Contemporary Art-CTW (3) included in Area G below
   - 3DS 4950 Portfolio II-CTW (3) included in Area G below
2. Concentration Core Requirements (9)
   - 3DS 3000 Sculpture I (3)
   - 3DS 3050 Hand Building I (3)
   - 3DS 3100 Sculpture II (3)
3. Art 3910 Critical Issues in Contemporary Art-CTW (3) fulfills CTW entry level requirement
4. 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)
5. Three Dimensional Studio Electives (3-4)
6. 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)
7. 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.
8. 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.

7.
   a. Ceramics Emphasis Requirements (36-37)
      - 3DS 3150 Wheel Throwing I (3)
      - 3DS 3300 Sculpture Projects (4)
      - 3DS 3350 Ceramic Sculpture (4)

- 3DS 3650 Ceramic Materials (4)
- 3DS 4550 Directed Study in Ceramics (8)
- 3DS 4940 Portfolio I (3) Consult with Faculty Adviser
- 3DS 4950 Portfolio II-CTW (3) fulfills CTW exit level requirement
- Studio Elective: Select one (3-4)
  - 3DS 3200 Figure Studies in Sculpture (3)
  - 3DS 3900 Selected Topics in Sculpture (4)
  - 3DS 4930 Internship (4)
  - 3DS 4980 Special Problems (3)

b. Sculpture Emphasis Requirements (21)
- 3DS 3200 Figure Studies (3)
- 3DS 3300 Sculpture Projects (4)
- 3DS 4500 Directed Studies in Sculpture (8)
- 3DS 4940 Portfolio I (3)
- 3DS 4950 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 Sculpture (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 area 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 major 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.

Minor in Art History; Drawing, Painting, and Printmaking; Photography; Textiles; and Three Dimensional Studies

Students not majoring in art may take a minor in art history; drawing, painting, and printmaking; photography; textiles; or three-dimensional studies. They must take 18 hours of courses in the designated minor, at least 9 of which must be at the 3000 level or above. Prerequisites apply. Specific descriptions of each minor option are available from the School of Art and Design. A grade of C or higher is required in all courses counting toward the minor.

3140 Arts Administration - Speech and Theatre

Program Offered:

1. **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 General Classroom Building, 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 Writing (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.

3150 Asian Studies

Program Offered:

1. 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 (mclyyt@langate.gsu.edu), Modern and Classical Languages, and Dr. Douglas Reynolds, History (dreynolds@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 General Classroom Building, 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 1002-2002 or Japn 1002-2002 (recommended-only if not counting in Area F)
2. Area D: Geog 1112-1113 Introduction to Weather and Climate/Introduction to Landforms (recommended)
3. Area E: Hist 1111, 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 1001-2002 ("C" or higher required) (12)
   - Japn 1001-2002 ("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, Wst 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)
   - Two courses. One course numbered 4995 and one course from the below list of CTW courses or other CTW courses approved for GSU undergraduate majors. Students should consult with an advisor on the most appropriate CTW course and add to their list of course any pre-requisites or recommended courses.
   - ECON 3900 Macroeconomics (3)
   - ENG 3040 Introduction to Literary Studies (3)
   - ENG 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)
   - WST 3010 Feminist Theories (3)
2. Required Language Courses (Chinese or Japanese) (6)
   - Japn 3001* Advanced Japanese I (3)
   - Japn 3002* Advanced Japanese II (3)
   - *Students taking Chinese should consult the faculty adviser for substitutions for these courses.
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 adviser.)
   - AL 3031* Language in Society-CTW (3) [* this course has a prerequisite of AL 3021-Intro to Linguistics]

- Geog 4404 Geography of East Asia (4)
- Geog 4406 Advanced Regional Geography (4) (if Asia)
- Hist 3700 China and Japan to 1600 (4)
- Hist 3710 China and Japan since 1600 (4)
- Hist 3800 South Asia to 1757 (4)
- Hist 3810 South Asia since 1757 (4)
- Hist 4235 Histories of the Pacific (4)
- Hist 4890 Topics in World History (3-4) (if Asia)
- Japn 3081 Japanese Language and Society (3)
- Phil/RelS 4610 Hinduism (3)
- Phil/RelS 4615 Buddhism (3)
- Phil/RelS 4620 Confucianism and Taoism (3)
- Phil/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)
- RelS 4612 Hindu Sacred Myths and Epics (3)
- RelS 4628 Topics in Asian Religion (3)
- WST 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.

1. 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.)
2. Language Studies (choose no more than two courses with the same prefix)
   - AL/ForL 3021 Introduction to Linguistics (3)
   - AL/ForL 3031* Language in Society-CTW (3)
   - AL/ForL 3041* Introduction to Second Language Acquisition (3)
   - AL/ForL 4011* Phonetics and Phonology (3)
   - AL/ForL 4012* Morphology and Syntax (3)
   - AL/ForL 4131* Bilingualism (3)
   - AL/ForL 4151* Culture and Language Learning (3)
   - Phil 4530 Philosophy of Language (3)
   - 3000-level Japanese courses not used in the Area of Concentration
   - *AL/ForL 3021 is a prerequisite for these courses
3. 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/RelS 4650 Religion and Ethics (3)
   - Phil/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)
- Wst 4210 Women in Cross-Cultural Perspective (3)

4. 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.)

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 (polkdr@langate.gsu.edu) for information concerning International Student Exchange Programs with Japan and Korea. For general information about study abroad in different countries of Asia, contact Leigh Essex Walker, Study Abroad Coordinator for the Office of International Affairs (404/413-2529, leighwalker@gsu.edu).

3160 Astronomy

Program Offered:

1. **Bachelor of Science in Physics with a Concentration in Astronomy**

Department of Physics and Astronomy
400 Science Annex
404/413-6033
www.Phy-Astr.gsu.edu

H. Richard Miller, Chair
D. Michael Crenshaw, Undergraduate Director
Brian Thoms, Undergraduate Director

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:

1. **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**
2. **Minor in Biology**

Department of Biology
402 Kell Hall
404/413-5300
biology.gsu.edu

Phang C. Tai, Chair
Teryl Frey, Associate Chair

Barbara Baumstark, Director of Instructional Programs
Therese Poole, Undergraduate Director
Jerria McCoy, Undergraduate Coordinator

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.

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, 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)
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 3830 Plant Biology 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: Minor (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 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)
- HHS 3000 Communication and Cultural Diversity (3)
- HHS 3700 Medical-Biochemical Principles (3)
- HHS 4400 Genetics Across Lifespan (3)
- HHS 4500 Health Communication (3)
- IT 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 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 Advanced 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)

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 (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 Advanced 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 (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 (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 Program

The department encourages qualified students to participate in the Honors Program (see "Honors Program" previously described or visit www.gsu.edu/~wwwhon/). 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.

3180 Chemistry

Programs Offered:

1. **Bachelor of Science in Chemistry**
   - **Concentration in Pre-Medicine**
   - **Certification by the American Chemical Society**
2. **Minor in Chemistry**

Department of Chemistry
540 General Classroom Building
404/413-5500
chemistry.gsu.edu

Binghe Wang, Chair
Doyle J. Barrow, Jr., Director of Undergraduate Studies, Adviser

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.

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. For a complete list of courses and their respective fees, go to General Registration Information at www.gsu.edu/es/20272.html.

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:
   - 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 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 (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)

Pre-Medicine Concentration

A pre-medicine concentration is available for chemistry majors. Please contact the Department of Chemistry for further information.

American Chemical Society Certification

For American Chemical Society certification, add ten hours in addition to required course, Chem 4600, Area G.

1. Required Courses (6)
   - Chem 4210 Inorganic Chemistry (3)
   - Chem 4330 Advanced Synthesis (3)
2. Select additional elective courses. (4)
   - Chem 4050, 4170, 4370, 4400, 4410, 4450, 4490, 4590, 4610, 4620, 4840, or other approved courses (must be different from major elective choices)

Area H: Minor and Additional Courses

1. Students majoring in chemistry are not required to take a minor. Consult the department for assistance in selecting a minor in biology, business, or related areas.
2. Students majoring in chemistry must take additional courses as electives to complete a minimum of 120 hours, exclusive of KH 1010. The department recommends that majors take computer and/or foreign language courses.

Minor in Chemistry

Students who wish to minor in chemistry must take 15-18 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.

3190 Classical Studies

Program Offered:

1. Bachelor of Interdisciplinary Studies with a Concentration in Classical Studies

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 adviser, Dr. Gerard Pendrick, or the Chair of the Department of Modern and Classical Languages 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 General Classroom Building, 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/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/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/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 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. Check current catalog for deadline.)

3200 Community Studies

Program Offered:

1. Bachelor of Interdisciplinary Studies with a Concentration in Community Studies

The purpose of this program is twofold. First, it enables the student to select a curriculum that provides an interdisciplinary perspective on the nature of modern community life. Second, the program provides students with the option of exploring career opportunities and laying an academic foundation that can be used to pursue a variety of advanced professional degrees. If interested in community studies, please contact Dr. Charles Jaret, faculty adviser for the program, at 404/413-6514 or cjaret@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 General Classroom Building, 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 Community Studies

Area F: Courses Appropriate to the Major (18)

1. Select five courses (15):
   - AAS 2010 Introduction to African-American Studies (3)
   - Anth 1102 Introduction to Anthropology (3)
   - Anth 2020 Introduction to Cultural Anthropology (3)
   - CSc 1010 Computers and Applications (3)
   - CSc 2010 Introduction to Computer Science (3)
   - Econ 2105 Principles of Macroeconomics (3)
   - Econ 2106 Principles of Microeconomics (3)
   - Geog 1101 Introduction to Human Geography (3)
   - Hist 1111 Survey of World History to 1500 (3)
   - Hist 1112 Survey of World History since 1500 (3)
   - Hist 1140 Introduction to African and African-American History (3)
   - Jour 2500 Communication Research and Information Technology (3)
   - Math 1070 Elementary Statistics (3)
   - Phil 2010 Introduction to Philosophy (3)
   - PolS 2101 Introduction to Political Science (3)
   - PolS 2401 Global Issues (3)
   - Psyc 1101 Introduction to General Psychology (3)
   - Psyc 2070 I ntroduction to Human Sexuality (3)
   - Psyc 2103 Introduction to Human Development: Individual and Family Issues (3)
   - Soci 1101 Introduction to Sociology (3)
   - Soci 1160 Introduction to Social Problems (3)
   - Spch 2050 Media, Culture, and Society (3)
   - Spch 2650 Interpersonal Communication (3)
   - WSt 2010 Introduction to Women's Studies (3)
2. Students must complete level 1002 of a language.

Area G: Area of Concentration — Community Studies (32-39)

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 (3-4)
   - Geog 4764 Urban Geography (4) **or**
   - Hist 3000 Introduction to Historical Studies (4) **or**
   - PolS 3800 Introduction to Political Research-CTW (3) **or**
   - Course numbered 4995 in the student's primary discipline (3)
2. Required Course to fulfill CTW requirement (3)
   - Geog 4768 Metropolitan Atlanta (3) **or**
   - Hist 4320 Metropolitan Atlanta (3) **or**
   - Soci 4279 Metropolitan Atlanta (3) **or**
   - Course numbered 4995 in the student's primary discipline (3)
3. Select five to six courses (17-20):
   - Anth 4200 Urban Anthropology (4)
   - Econ 4300 Economics of Cities (3)
   - Geog 4774 Contemporary Urban Theory and Issues (3)
   - Hist 4220 The American City (4)
   - PAUS 3111 Urban Political Economy (3)
   - PolS 4115 Urban Politics (3)
   - Psyc 4510 Community Psychology (3)
   - Psyc 4520 Environmental Psychology (3)
   - Soci 4226 Urban Sociology (3)
4. Select three or four courses (9-12):
   - Film 4240 Documentary Film (4)
   - Geog 4518 Digital Cartography (4)
   - Geog 4520 Quantitative Spatial Analysis (4)
   - Hist 4330 Oral History (4)
   - Hist 4340 Administration and Use of Historical Archives (3)
   - PAUS 4021 Working with Policy Data (3)
   - PAUS 4031 Evaluating Public Policy (3)
   - Soci 3010 Social Statistics (3)
   - Soci 3020 Social Research Methods-CTW (3)

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.

1. Student must select an allied field from one of the options below. Specific courses for each area can be found on the allied field handout.
   a. Community Service
   b. Public Policy, Planning, Administration, and Economic Development
   c. Racial/Ethnic Community Life

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.

3210 Computer Science

Programs Offered:

1. **Bachelor of Science in Computer Science**
   - **Concentration in Bioinformatics**
   - **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**

2. Minor in Computer Science

Department of Computer Science
Ste. 1450, 34 Peachtree Street Building
404/413-5700
www.cs.gsu.edu

Yi Pan, 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.

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 Introduction to 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, Latin 2002, and Phil 1010.
  NOTE: Students choosing a concentration in Bioinformatics should take Biol 1107K and Chem 1211K, as these are prerequisite courses for later required courses in this concentration.

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.

Bioinformatics Concentration

- CSc 4540 Bioinformatics Algorithms (4)
- CSc 4630 Introduction to Matlab Programming (4)
- CSc 4650 Introduction to Bioinformatics (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

Note: For a Bioinformatics concentration, students must choose at least one of CSc 4540 and CSc 4650.

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 Scientific Visualization (4)

- CSc 4820 Computer Graphics Algorithms (4)
- CSc 4840 Computer Graphics Imaging (3)
- 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.

3220 English

Programs Offered:

1. **Bachelor of Arts in English**
   - **Concentration in Advanced Composition and Rhetoric**
   - **Concentration in Creative Writing**
   - **Concentration in Literature**
   - **Concentration in Pre-Education/Secondary English**
2. **British-American Joint Studies Program Concentration**
3. **Minor in English**

4. Minor in Folklore

Department of English
923 General Classroom Building
404/413-5800
www.gsu.edu/english

Matthew Roudané, Chair
Randy Malamud, Associate Chair
Audrey Goodman, Director of Undergraduate Studies
Lynée Lewis Gaillet, Director of Lower Division Studies
John Holman, 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.

At the freshmen level, 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 advanced composition and rhetoric 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 they apply 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 Women's Studies Institute.

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.

Program Degree Requirements

All English majors planning to take any upper-division literature courses must fulfill the appropriate three prerequisite courses (Engl 2120, 2130, and either 3040 or 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 World Language I (3)
   - Lang 2002 Intermediate World 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 WSt 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.

Advanced Composition and Rhetoric Concentration

1. Required Courses to fulfill CTW requirement (6)
   - Engl 3050 Introduction to Rhetoric and Advanced 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.
2. Select one course from areas 2, 3, or 4 as listed for the literature concentration. (3)
3. Select one course from area 5 as listed for the literature concentration. (3)
4. Select one course from area 6 as listed for the literature concentration. (3)
5. Select one course. (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)
6. Select one course. (3)
   - Engl 3110 Technical Writing (3)
   - Engl 3115 Document Design (3)
   - Engl 3120 Electronic Writing and Publishing (3)
   - Engl 3130 Business Writing (3)
   - Engl 3135 Visual Rhetoric (3)
7. Select two electives chosen from Advanced Composition and Rhetoric courses not already taken. (6)
   - 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 3105 Practical Grammar (3)
   - Engl 3110 Technical Writing (3)
   - Engl 3115 Document Design (3)
   - Engl 3120 Electronic Writing and Publishing (3)
   - Engl 3130 Business Writing (3)
   - Engl 3135 Visual Rhetoric (3)
   - Engl 3140 Editing (3)
   - Engl 4200 Topics* (3)
   - Engl 4500 Internship (3)
   - Engl 4510 Grant and Proposal Writing (3)
   - Engl 4520 Gender and Writing (3)
8. Select an elective from 3000 or 4000-level English or Folklore courses (may be selected from Creative Writing courses). (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.

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, 8, and 9 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 4120 Spenser (3)
   - Engl 4130 Shakespeare, Earlier Works (3)
   - Engl 4140 Shakespeare, Later Works (3)
   - Engl 4150 Milton (3)
   - Engl 4200 Topics (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 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 4200 Topics (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 4200 Topics (3)*

8. Literature, Language, Criticism, and Theory Elective: Select one course. (3)
   - Engl 3105 Practical Grammar (3)
   - Engl 3140 Editing (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 3970 Caribbean Literature (3)
   - Engl 3990 Women's Literature II (3)
   - Engl 4200 Topics (3)*
   - Engl 3995 Feminist Literary Criticism (3)
   - Engl 4200 Topics (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 4120 Spenser (3)
   - Engl 4130 Shakespeare, Earlier Works (3)
   - Engl 4140 Shakespeare, Later Works (3)

- Engl 4150 Milton (3)
- Engl 4200 Topics (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 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 4200 Topics (3)*
4. 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 4200 Topics (3)*
5. Literature Electives: Select two courses. (6)
   - 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 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 3960 African-American Literature by Women (3)
   - Engl 3970 Caribbean Literature (3)
   - Engl 3990 Women's Literature II (3)
   - Engl 4200 Topics (3)*
6. Language, Criticism, and Theory Elective: Select one course. (3)
   - Engl 3105 Practical Grammar (3)
   - Engl 3140 Editing (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 4200 Topics (3)*

7. Select an elective course in English or Folklore. (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.

Secondary English (Pre-Education) 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 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 4200 Topics (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.

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 4200 Topics (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.

4. Single Author: Select one course; Engl 4130 or 4140 recommended. (3)
   - Engl 4110 Chaucer (3)
   - Engl 4120 Spenser (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 3970 Caribbean Literature (3)
   - Engl 3990 Women's Literature II (3)

- Engl 4000 Jewish Literature (3)
- Engl 4200 Topics (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 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 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. (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 English 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)
- IT 3210 Teaching and Technology (3)

English majors with the secondary English (pre-education) concentration are encouraged to apply to the College of Education 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.

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: English 2120, 2130, and 3040, 3105, 3910, and one of the following: English 3100, 3180, 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. 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)
3. Select one course (3)
   - Engl 4110 Chaucer (3)
   - Engl 4120 Spenser (3)
   - Engl 4130 Shakespeare, Earlier Works (3)
   - Engl 4140 Shakespeare, Later Works (3)
   - Engl 4150 Milton (3)
4. Select one of the following (3)
   - Engl 3265 British-American Culture Seminar I (3)

- Engl 3266 British-American Culture Seminar II (3)
- Hist 4960 British-American Culture Seminar I (3)

5. Select one of the following (3)
   - Engl 3270 American Culture Seminar (3)
   - Engl 3275 Literature and Culture of the American South (3)
6. Select three electives from English, History, and Folklore courses. These courses can be taken at Georgia State or University of Northumbria-Newcastle. (9) Electives are designated as Engl 4200 but exclude those listed in area 7.
7. Additional Courses in Major for British-American Joint Studies Program Concentration. Tbe taken at University of Northumbria-Newcastle (12)
   - Engl 4200 Colloquium (3)
   - Engl 4200 Making of Great Britain I and II (6)
   - Engl 4200 Transformation of Great Britain (3)

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.

1. Minor: at least 15 semester hours, 9 hours of which must be taken at the 3000 level or above, from one department, school, or institute other than the English department, or in Folklore. 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.
2. Double major: course work to satisfy requirements for a second major in addition tEnglish; all college and departmental requirements apply to this as to the first major.
3. 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 tcomplete 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 English

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:

1. **ESL Credit-Bearing Courses**
2. **Intensive English Program (IEP)**

Department of Applied Linguistics and English as a Second Language
34 Peachtree, 12th Floor

404/413-5200
www.gsu.edu/alesl

Sara C. Weigle, Chair
Cheryl Delk, IEP Director
Sharon Cavusgil, ESL Director (credit-bearing courses)

The ESL credit–bearing courses for non-native speakers of English at the undergraduate level include special sections of English 1101 and English 1102. These courses are for both resident bilingual speakers and international students. For more information, see "ESL Program" at www.gsu.edu/alesl.

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 www.gsu.edu/esl.

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.

3240 Environmental Science

Program Offered:

1. **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 adviser, Dr. Sid Crow, at 404/413-5312.

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 General Classroom Building, 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 — Environmental Science (35-37)

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 (3-4)
   - Biol 3810 Molecular Cell Biology Laboratory-CTW (3)
     or Course numbered 4995 in the student's primary discipline (3-4)
2. Required Course to fulfill CTW requirement (3-4)
   - Biol 4980 Senior Seminar-CTW (3)
     or Course numbered 4995 in the student's primary discipline (3-4)
3. Required Course (choose one):
   - Geog 4532 Geographic Information Systems (4)
   - Geog 4648 Biogeography (4)
4. Required Course (choose one):
   - Geol 4017 Environmental Geology (4)
   - Geog 4644 Environmental Conservation (4)
5. Required Course (choose one):
   - Biol 4045K General Ecology (4)
   - Biol 4053K Field Ecology (4)
6. Select an additional 17 hours from approved list and in consultation with faculty adviser. No more than 12 hours in Area G can come from one discipline.

Area H: Allied Field (22)

No more than two 3-4 credit hour courses (6-8 hours) can be taken within a single discipline.

1. Required Course:
   - Chem 3410 Organic Chemistry II (4) (Prerequisite: Chem 2400 Organic Chemistry I (4))
2. Select eight hours:
   - Anth 4550, Anth 4590, Chem 4000, Chem 4010, Chem 4600, Engl 3110, Geog 4532, Geol 4002, Geol 4003, Phil 4520, Phys 3500
3. Select an additional ten hours from approved list and in consultation with faculty adviser.

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

3250 Ethics

Program Offered:

1. Minor in Ethics

Department of Philosophy
34 Peachtree Street, Suite 1100
www.gsu.edu/philosophy

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 3720 Contemporary Moral Problems (3)
- Phil 3730 Business Ethics (3)
- Phil 3740 Biomedical Ethics (3)
- Phil 3855 Topics in Political Theory (3)
- Phil 4070 Marxism (3)
- Phil 4700 Ethics (3)
- Phil 4720 Environmental Ethics (3)
- Phil 4740 Advanced Biomedical Ethics (3)
- Phil 4750 Topics in Ethics (3)
- 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:

1. **European Union Studies Certificate**

Department of Political Science
1005 General Classroom Building
404/413-6159
www2.gsu.edu/~wwwpol/2490.html

William M. Downs, 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:

1. **Bachelor of Arts in Film and Video**

Department of Communication
662 One Park Place South
404/413-5600
communication.gsu.edu

David Cheshier, Chair
Greg Lisby, Associate Chair
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.

Program Academic Regulations

All 3000-4000 level Film/Video courses require students to have an overall Georgia State University Institutional GPA of 2.5 prior to enrollment. See the Department of Communication's website for more information at communication.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 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, WSt 2010

Area G: Major Courses (24)

A grade of C or higher is required in all major courses.

1. Required Courses to fulfill CTW requirement (7)
   - Film 4750 Film Theory and Criticism-CTW (4)
   - Film 4910 Senior Seminar in Film-CTW (3)
2. Screenwriting, Production, and Industry. Select one course. (3-4)
   - Film 4110 Postproduction (4)*
   - Film 4120 Production I (4)*
   - Film 4250 Producing for Film and Television (3)
   - Film 4310 Feature Screenwriting I (3)

- Film 4800 Film and Media Industries (3)

3. Film History. Select one course. (4)
   - Film 4170 American Film History I (4)
   - Film 4180 International Cinemas (4)
   - Film 4210 Critical History of Radio and Television (4)
   - Film 4350 Film and History (4)
   - Film 4960 American Film History II (4)
4. Critical Studies. Select one course. (3-4)
   - Film 4125 Community-Based Media Production (4)*
   - Film 4240 Documentary Film (4)
   - Film 4260 Adapting Literature to Film (4)
   - Film 4280 Film Genres (4)
   - Film 4760 African Americans in Film (4)
   - Film 4765 Gender and Film (3)
   - Film 4776 Africa in Hollywood (4)
   - Film 4810 Media and Popular Culture (4)
5. Electives. Select a sufficient number of the following courses to bring the course total to the 25 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 for the Camera (4)
   - Film 4130 Production II (4)*
   - Film 4320 Feature Screenwriting II (3)
   - Film 4780 Special Topics (3-4)
   - Film 4840 Computer Graphic Imaging (3)
   - Film 4841 Computer Animation (3)
   - Film 4880 Honors Thesis: Writing (3-6)
   - 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.

3280 French

Programs Offered:

1. **Bachelor of Arts in French**
   - **Concentration in Literature**
   - **Concentration in Foreign Language Education**
   - **Concentration in Language and International Business**
2. **Bachelor of Arts in French and M.I.B. Joint Degree**
3. **Bachelor of Arts Major in International Economics and Modern Languages**
4. **Minor in French**

Department of Modern and Classical Languages
841 General Classroom Building
404/413-5980
www.gsu.edu/languages

Fernando Reati, Chair
Germán Torres, Associate Chair
Georges Perla, Undergraduate Director
Kay Doig, Head of French section and Adviser
Peter Swanson, Head of Foreign Language Education and Adviser

The Department of Modern and Classical Languages 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 two programs in conjunction with other colleges: the Bachelor of Arts in French and MIB Joint Degree Program, in collaboration with the Robinson College of Business, and 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.

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. For a complete list of courses and their respective fees, go to General Registration Information at www.gsu.edu/es/20272.html.

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 Modern and Classical Languages.
      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, WSt 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 French 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 Modern and Classical Languages: ForL 3022, 4021, 4025, 4026, and 4030. All students will register for Student Teaching (ForL 4061/4062/4063).

All students seeking certification in French must pass the following courses in the College of Education 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. Application forms are available in the department (841 GCB). See "Teacher Preparation Programs" chapter of this catalog. 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 GCB). In order to be recommended for K-12 certification in French, students must complete all courses taken in the Department of Modern and Classical Languages (the major and ForL courses) with a grade of B or higher.

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 French and M.I.B. Joint Degree Program

In cooperation with the Robinson Institute of International Business, the Department of Modern and Classical Languages offers a five-year program leading to the Bachelor of Arts degree with a major in French, German, or Spanish plus the Master of International Business degree. This is a rigorous, cross-disciplinary program for highly motivated students with an interest in language, intercultural study, and international business. Graduates of the program are equipped with both global marketplace management skills and intercultural business language expertise.

The joint degree program allows students to use up to 15 hours from the Master's degree to satisfy the requirements of the Bachelor's degree. Students reduce the total number of credit hours needed to complete both programs from 153 to 138 by pursuing the joint degree. Completion of the program in five years will mean that students must be willing to attend classes in the summer, as necessary. Upon completion of the requirements for both degrees, students in the five-year AB/MIB program will be awarded both a Bachelor of Arts degree and a Master's in International Business. To be accepted to the five-year program, students must be admitted separately to each degree program and satisfy prerequisites for each program.

For further information please contact Dr. Fernando O. Reati, Department of Modern and Classical Languages, 841 General Classroom, 404/413-5984, email mclfor@langate.gsu.edu , or Dr. Tamer Cavusgil, Institute of International Business, Ste. 1444 Robinson College of Business, 404/413-7275, email iib@gsu.edu.

Bachelor of Arts Major in International Economics and Modern Languages

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 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 Modern and Classical Languages 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.

3290 Geosciences

Programs Offered:

1. **Bachelor of Arts in Geography**

- **Concentration in General Geography**
- **Concentration in Human Geography**
- **Concentration in Physical Geography**
- **Concentration in Geographic Information Science**
- **Concentration in Pre-Education**

2. **Minor in Geography**
3. **Bachelor of Science in Geology**
   - **Concentration in General Geology**
   - **Concentration in Environmental Geology**
   - **Concentration in Earth Science**
4. **Minor in Geology**

Department of Geosciences
340 Kell Hall
404/413-5750
www.cas.gsu.edu/geosciences/

W. Crawford Elliott, Chair
Jeremy E. Diem, Undergraduate Director for Geography
Contact department for Undergraduate Director for Geology

Geoscience is the broad study of the earth, including the earth's interior, its surface, its atmosphere, and its people. Traditionally these subjects have been separated into several fields that include Geology and Geography, and this distinction may still be somewhat appropriate; however, some of the subject matter with which Geography and Geology are concerned can be claimed by both. Taking advantage of this, the Department of Geosciences seeks to make available to students instruction and experiences that exploit the complementary nature of Geology and Geography.

The Department of Geosciences offers the B.A. degree in Geography with five concentrations: General Geography, Human Geography, Physical Geography, Geographic Information Science, and Pre-Education; and the B.S. degree in Geology with three concentrations: General Geology, Environmental Geology, and Earth Science.

3290.10 Geography Program

Jeremy E. Diem, Undergraduate Director for Geography

Geography is the study of the relationships among people, places, society, and the environment. The geography major has been designed to enable the student to develop a broad understanding of social and environmental issues, attain depth in a specialized area within geography, and acquire skills needed to gain employment and carry out lifelong learning. In order to assist students in attaining depth, the following concentrations are offered: human geography, physical geography, and geographic information science. General geography and pre-education are two additional concentration options.

An undergraduate degree in geography affords someone many opportunities for employment in both the public sector and the private sector. 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 the diversity of their liberal arts training, geographers also qualify for professional management positions as well as more traditional work as teachers.

An undergraduate degree in geography also provides a solid intellectual foundation for people getting advanced degrees in either the social or natural sciences. In addition, to being given substantial flexibility with respect to their selection of undergraduate courses, geography majors are required to take multiple upper-division courses in human geography, physical geography, and geographic information science. Finally, the concentration within geography enables geography majors to begin to find their intellectual niche.

Students interested in any geography course, or in majoring or minoring in the geography program, are invited to contact the geography undergraduate adviser to discuss how the geography 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

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. For a complete list of courses and their respective fees, go to General Registration Information at www.gsu.edu/es/20272.html.

B.A. in Geography

Areas A-E: Core Curriculum Recommendations

Students majoring in geography are expected to complete Geog 1101 (in Areas E or F), Geog 1112 and 1113 (in Areas D or F), Geog 2206, and Math 1070 (in Area D or F) with a grade of C or higher.

Area F: Courses Appropriate to the Major Field (18)

1. Required Courses (3-17)
   - Geog 1101 Introduction to Human Geography (3) (if not taken in Area E)
   - Geog 1112 Introduction to Weather and Climate (4) (if not taken in Area D)
   - Geog 1113 Introduction to Landforms (4) (if not taken in Area D)
   - Geog 2206 Introductory Mapping and Geographic Information Science (4)
   - Math 1070 Elementary Statistics (3) (if not taken in Area D)
2. Select additional courses from the following to complete the 18 hours in Area F.

Any geography course at the 1000/2000 level not taken in Area E. AAS 2010, Anth 2030, Anth 2020, Econ 2105, Econ 2106, Geol 1121, Geol 1122, Geol 2001, Hist (any course not taken in Area E), Lang 1001 (if student has no previous experience with language), Phil 1010, PolS 1101, PolS 2401, Psyc 1101, Soci 1101, Soci 1160, WSt 2010.

Area G: Major Courses (36-39)

A grade of C or higher is required in all major courses.

1. Required Courses to fulfill CTW requirement (8).
   Choose two of the following:
   - Geog 4764 Urban Geography (4)
   - Geog 4784 Climatic Change (4)
   - Geog 4830 Senior Seminar (4)
2. Major Requirements (19)
   - Geog 4518 Digital Cartography (4)
   - Geog 4520 Quantitative Spatial Analysis (4)
   - Geog 4644 Environmental Conservation (4)
   - Geog 4764 Urban Geography (4) if not taken for CTW
   - Geog 4778 Political Geography (3)
   - Geog 4784 Climatic Change (4) if not taken for CTW
   - Geog 4830 Senior Seminar (4) if not taken for CTW
3. Geography majors may select concentrations in General Geography, Human Geography, Physical Geography, Geographic Information Science, or Pre-Education.

General Geography Concentration

Students must fulfill the major requirements and take three additional geography courses at the 3000 level or higher.

Human Geography Concentration

Students must fulfill the major requirements and select three courses from the following:

- Geog 4408 Geography of the Middle East and North Africa (4)
- Geog 4760 Cultural Geography (3)
- Geog 4762 Economic Geography (4)
- Geog 4768 Metropolitan Atlanta (3)
- Geog 4772 Geography of Urban and Regional Development (3)
- Geog 4774 Contemporary Urban Theory and Issues (3)
- Geog 4780 Advanced Systematic Geography (3) (if topic is applicable)

Physical Geography Concentration

Students must fulfill the major requirements and select three courses from the following:

- Geog 4640 Geomorphology (4)
- Geog 4642 Advanced Weather and Climate (4)
- Geog 4646 Water Resources Management (4)
- Geog 4648 Biogeography (4)
- Geog 4650 Applied Hydrology (4)
- Geog 4780 Advanced Systematic Geography (3) (if topic is applicable)

Geographic Information Science Concentration

Students must fulfill the major requirements and select three courses from the following:

- Geog 4530 Introduction to Remote Sensing (4)
- Geog 4532 Geographic Information Systems (4)
- Geog 4533 Introduction to GIS Applications (4)
- Geog 4534 Advanced Geographic Information Systems (4)
- Geog 4780 Advanced Systematic Geography (3) (if topic is applicable)

Pre-Education Concentration

The Social Studies Education Concentration in Geography is designed for students who want to be secondary school teachers. This degree provides the initial teaching preparation for the Master of Arts in Teaching (M.A.T.) Program in Social Studies Education in the College of Education at Georgia State University, or similar Master's degrees at other universities. Students pursuing this concentration must complete all major requirements and choose two or more allied fields from other departments, taking a minimum of nine hours of 3000-4000 level courses in each allied field. Students with a concentration in Geography may choose the following allied fields:

- Economics
- History
- Political Science
- Education (Required: EXC 4020; along with two of the following: IT 3210, EDCI 3200, EDUC 3010, EDUC 4982, EDSS 3400, and EDLA 3200)

Geography as an allied field consists of any three geography courses at the 3000 level or higher.

Area H: Minor and Additional Courses

Students majoring in geography are not required to take a minor.

Minor in Geography

Students choosing to complete a minor in geography should complete the following requirements (1 and 2). A grade of C or higher is required in all courses counting toward the minor. Students taking more than 15 hours in geography courses may count the additional hours toward their electives or may consider completing a double major.

1. Select one course
   - Geog 1101 Introduction to Human Geography (3)
   - Geog 1112 Introduction to Weather and Climate (4)
   - Geog 1113 Introduction to Landforms (4)
2. Select at least 12 hours of geography courses at the 3000 level or higher.

3290.20 Geology Program

Contact department for Undergraduate Director for Geology

Philosopher Will Durant once remarked, "Civilization exists by geological consent, subject to change without notice." Almost every day we are reminded how large a role geology plays in our lives, whether it be earthquakes, volcanic eruptions, tsunamis, contaminated water supplies, rising oil prices, or the cost of emeralds, sapphires, and gold.

Geology is the science of the earth. Geological research includes studies of minerals and rocks that compose the earth's surface and interior, the geometry and interrelationships of rock masses, the structural configuration of the earth, and fluids within the earth. Geology also includes the study of modern physical processes and interpretation of the earth's physical and biological evolution through billions of years of geologic time and into the future. Because of our critical dependence on the earth, appreciation of geology is essential if we are to make informed and enlightened decisions on how to use and protect our planet.

Many career opportunities allow for practical application of geology in industry, consulting firms, and governmental agencies at all levels. Practical and essential applications of geology include development and wise use 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 development of environmentally sound strategies for hazardous waste disposal and treatment. The curriculum leading to the B.S. degree in geology is excellent preparation for graduate work in geoscience and environmental science. 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 geology B.S. degree may still be an appropriate choice.

The Department of Geosciences offers the B.S. degree with three concentrations: General Geology, Environmental Geology, and Earth Science. The Environmental and Earth Science concentrations are for students seeking strong preparation for entering the work force with the B.S. degree.

The Environmental concentration emphasizes the study of ground water and the delicate environmental balances of the natural world. The Earth Science concentration emphasizes the measure and graphical depiction of geological features and processes. Both are excellent preparation for jobs in the environmental area and for graduate work in environmental geology. The concentration in general geology is the most traditional of the programs, designed to prepare the student for graduate studies or employment in a wide variety of geoscience areas. It features the greatest flexibility in selection and scheduling of courses. 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 major, students must 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

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. For a complete list of courses and their respective fees, go to General Registration Information at www.gsu.edu/es/20272.html.

Program Degree Requirements

All curricula leading to a B.S. degree in geology include the following requirements: Geol 1121K, 1122K, 3002, 4006, 4013, 4015, 4016, 4095, 4120, 4121; Chem 1211K, 1212K. All students must also take one of the following allied science sequences: Biol 1103K/1104K; or Biol 2107K/2108K; or Phys 1111K/1112K; or Phys 2211K/2212K. Note: Physics recommended.

Students in all concentrations must take either the Math 2211/2212 sequence or the following pair of math courses: Math 1070 and 1220. The Math 2211/2212 sequence is strongly recommended for students planning to go to graduate school in geology or any other natural science, or to seek employment where a year of calculus is required or expected. Students are strongly urged to consult with the departmental adviser to determine which pair of mathematics courses would be more appropriate.

In completing their requirements, all students follow a concentration in General Geology, Environmental Geology, or Earth Science. The choice should be based on the student's interests and expectations, within the context of the concentration differences described above.

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 Geology

Areas A-E: Core Curriculum Recommendations

1. Required course:
   - Math 1113 Precalculus (3) (or higher-level mathematics course)
2. Area D:
   - Recommended courses:
     - Geol 1121K Introductory Geosciences I (4)
     - Geol 1122K Introductory Geosciences II (4)
   - Required course:
     - Math 1070 Elementary Statistics (3) or
     - Math 2211 Calculus of One Variable I (4) (or higher-level mathematics course)

Credit hours not needed in Area D will count in Area F or in the second 60 hours beyond the core curriculum.

Area F: Courses Appropriate to the Major Field (18)

1. Required Courses*:
   - Math 1220 Survey of Calculus (3) (if Math 1070 taken for Area D), or
   - Math 2212 Calculus of One Variable II (4) (if Math 2211 taken for Area D)
   - Chem 1211K Principles of Chemistry I (4)
   - Chem 1212K Principles of Chemistry II (4)
   - Geol 1121K Introductory Geosciences I (4) (if not taken in Area D)
   - Geol 1122K Introductory Geosciences II (4) (if not taken in Area D)
2. Select one two-course sequence from the following four sets, plus additional hours of any natural science or mathematics as needed, to complete 18 hours in Area F.
   - Phys 1111K Introductory Physics I (4)
   - Phys 1112K Introductory Physics II (4) or
   - Phys 2211K Principles of Physics I (4)
   - Phys 2212K Principles of Physics II (4) or
   - Biol 1103K Introductory Biology I (4)
   - Biol 1104K Introductory Biology II (4) or
   - Biol 2107K Principles of Biology I (4)
   - Biol 2108K Principles of Biology II (4)

*Credit hours not needed in Area F will count in the second 60 hours beyond the core curriculum.

Area G: Major Courses (39)

A grade of C or higher is required in all major courses.

1. Required Courses to fulfill CTW requirement (8)
   - Geol 4006 Sedimentary Environments and Stratigraphy (4)
   - Geol 4830 Senior Seminar (4)
2. Geology majors must select concentrations in General Geology, Environmental Geology, or Earth Science.
   - **General Geology Concentration (23)**
     - Geol 3002 Introduction to Earth Materials (4)
     - Geol 4013 Structural Geology (4)
     - Geol 4015 Crystallography and Optical Mineralogy (4)
     - Geol 4016 Igneous and Metamorphic Petrology (4)
     - Geol 4095 Seminar in Geological Sciences (1)*
     - Geol 4120 Basic Field Geology (3)
     - Geol 4121 Advanced Field Geology (3)
   - **Environmental Geology Concentration (31)**
     Courses listed for General Geology concentration (23)
     - Geol 4007 Hydrogeology (4)
     - Geol 4017 Environmental Geology (4)
   - **Earth Science Concentration (31)**
     Courses listed for General Geology concentration (23)
     - Geol 4530 Introduction to Remote Sensing (4)
     - Geog 4532 Geographic Information Systems (4)
3. Geology Electives: Select additional courses for a total of 39 semester hours. (0-8)
   - Geol 4002 Oceanography (3)
   - Geol 4003 Aqueous Geochemistry (4)
   - Geol 4005 Geology of Georgia (3)
   - Geol 4007 Hydrogeology (4)**
   - Geol 4011 Principles of Paleontology (4)
   - Geol 4017 Environmental Geology (4)**
   - Geol 4042 Analytical Methods (2)
   - Geol 4095 Seminar in Geological Sciences (1)*
   - Geol 4097 Topics in Geological Sciences (1-3)
   - Geol 4098 Independent Research in Geological Sciences (3)
   - Geol 4530 Introduction to Remote Sensing (4)
   - Geol 4640 Geomorphology (4)
   - Geol 4644 Environmental Conservation (4)***
   - Geol 4870 Honors Thesis: Research (3)
   - Geol 4880 Honors Thesis: Writing (3)

*May be taken multiple times, but a maximum of two hours may be applied to the degree.

**Does not count if taken to satisfy Area G1.

***Allowed for concentration in Environmental Geology only.

Area H: Minor and Additional Courses

Geology majors are not required to complete a minor.

Minor in Geology

Students who wish to minor in geology must take 15-18 hours in courses in geology, including at least nine semester hours at the 3000 level or above. Students taking more than 15 hours in courses in geology 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.

3300 German

Programs Offered:

1. **Bachelor of Arts in German**
   - **Concentration in Literature**
   - **Concentration in Foreign Language Education**
   - **Concentration in Language and International Business**
2. **Bachelor of Arts in German and M.I.B. Joint Degree**
3. **Bachelor of Arts Major in International Economics and Modern Languages**
4. **Minor in German**

Department of Modern and Classical Languages
841 General Classroom Building
404/413-5980
www.gsu.edu/languages

Fernando Reati, Chair
Germán Torres, Associate Chair
Georges Perla, Undergraduate Director
Robin Huff, Head of German section and Adviser
Peter Swanson, Head of Foreign Language Education and Adviser

The Department of Modern and Classical Languages 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 two programs in conjunction with other colleges: the Bachelor of Arts in German and MIB Joint Degree Program, in collaboration with the Robinson College of Business, and 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 adviser in designing and following a program of study that fits their own career objective and the requirements of their particular concentration.

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. For a complete list of courses and their respective fees, go to General Registration Information at www.gsu.edu/es/20272.html.

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 Modern and Classical Languages.
      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, WSt 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 Modern and Classical Languages: ForL 3022, 4021, 4025, 4026, and 4030. All students will register for Student Teaching (ForL 4061/4062/4063).

All students seeking certification in German must pass the following courses in the College of Education 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. Application forms are available in the department (841 GCB). See "Teacher Preparation Programs" chapter of this catalog. 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 GCB).

In order to be recommended for K-12 certification in German, students must complete all courses taken in the Department of Modern and Classical Languages (the major and ForL courses) with a grade of B or higher.

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 German and M.I.B. Joint Degree Program

In cooperation with the Robinson Institute of International Business, the Department of Modern and Classical Languages offers a five-year program leading to the Bachelor of Arts degree with a major in French, German, or Spanish plus the Master of International Business degree. This is a rigorous, cross-disciplinary program for highly motivated students with an interest in language, intercultural study, and international business. Graduates of the program are equipped with both global marketplace management skills and intercultural business language expertise.

The joint degree program allows students to use up to 15 hours from the Master's degree to satisfy the requirements of the Bachelor's degree. Students reduce the total number of credit hours needed to complete both programs from 153 to 138 by pursuing the joint degree. Completion of the program in five years will mean that students must be willing to attend classes in the summer, as necessary. Upon completion of the requirements for both degrees, students in the five-year AB/MIB program will be awarded both a Bachelor of Arts degree and a Master's in International Business. To be accepted to the five-year program, students must be admitted separately to each degree program and satisfy prerequisites for each program.

For further information please contact Dr. Fernando O. Reati, Department of Modern and Classical Languages, 841 General Classroom, 404/413-5984, email mclfor@langate.gsu.edu , or Dr. Tamer Cavusgil, Institute of International Business, Ste. 1444 Robinson College of Business, 404/413-7275, email iib@gsu.edu.

Bachelor of Arts Major in International Economics and Modern Languages

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 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 Modern and Classical Languages adviser.

- 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 adviser.

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.

3310 Gerontology Institute

Program Offered:

1. **Certificate in Gerontology**

605 One Park Place
404/413-5210
www.gsu.edu/gerontology

Elisabeth Burgess, Director
Candace Kemp, 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.

Currently, 23 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, intergenerational caregiving, and marketing to seniors.

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.

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 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 4260 Aging Practice, Policy and Research Issues (3)
3. Select one course. (3)
   - Gero 4110 Aging Policy and Services (3) (if not taken in section 2 above)
   - Gero 4122 Death, Dying, and Loss (3)
   - Gero 4130 Family, Intimacy, and Aging (3)
   - Gero 4475 Communication and Aging (3)
   - Gero 4700 Selected Topics 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:

1. **Bachelor of Arts in History**
   - **Concentration in Pre-Education**
   - **Concentration in Pre-Law**
2. **Minor in History**

Department of History
34 Peachtree Street, Suite 2050

404/413-6385
www.gsu.edu/history

Hugh Hudson, Chair
Glenn T. Eskew, 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.

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, WSt 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 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:

5.
   a. Political Science
   b. Geography
   c. Economics
   d. Education (Required: EXC 4020; along with two of the following: IT 3210, EDCI 3200, EDUC 3010, EDUC 4982, EDSS 3400, and EDLA 3200)

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.

3330 Intensive English Program

Department of Applied Linguistics and English as a Second Language
34 Peachtree, 12th Floor
404/413-5200
www.gsu.edu/iep

Cheryl Delk, 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:

1. **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 adviser, 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 General Classroom Building, 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 adviser (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:

1.
   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).
2. Select at least one course:

2.
   - PolS 3200, PolS 3400, Anth 4490, WSt 4210/Anth 4420, RelS 3270, Econ 4800, Econ 4810, Hist 4820, Hist 4850.
3. Select 0-2 additional courses in areas outside the student's primary discipline (6 hrs.).
4. 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 adviser. 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.

3350 Italian

Program Offered:

1. **Bachelor of Arts Major in International Economics and Modern Languages**
   - **Concentration in Italian**
2. **Minor in Italian**

Department of Modern and Classical Languages
841 General Classroom Building
404/413-5980
www.gsu.edu/languages

Fernando Reati, Chair
Germán Torres, Associate Chair
Georges Perla, Undergraduate Director
Richard Keatley, Adviser

The Department of Modern and Classical Languages 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 advisers 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. For a complete list of courses and their respective fees, go to General Registration Information at www.gsu.edu/es/20272.html.

B.A. 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 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 Modern and Classical Languages adviser.

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 adviser.

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:

1. 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 adviser, 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 GCB; 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.

3370 Japanese

Program Offered:

1. Minor in Japanese

Department of Modern and Classical Languages
841 General Classroom Building

404/413-5980
www.gsu.edu/languages

Fernando Reati, Chair
Germán Torres, Associate Chair
Georges Perla, Undergraduate Director
Yuki Takatori, Adviser

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:

1. **Bachelor of Arts in Journalism**
   - **Concentration in Print Journalism**
   - **Concentration in Public Relations**
   - **Concentration in Telecommunication**
2. **Minor in Journalism**

Department of Communication
662 One Park Place South
404/413-5600
communication.gsu.edu

David Cheshier, Chair
Greg Lisby, Associate Chair
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.

Journalism is the study of the collection, evaluation, and dissemination of current information and opinion. The journalism major seeks to prepare students for newspaper and magazine careers (print journalism), radio and television careers (telecommunication), or public relations careers. In addition, the courses in journalism are designed to be useful electives for students planning to enter other vocations who wish to become media-literate individuals.

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.

Program Academic Regulations

All 3000/4000-level journalism courses (excluding Jour 3500) require students to have an overall Georgia State University Institutional GPA of 2.5 prior to enrollment. See the Department of Communication's website for more information at communication.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).

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. For a complete list of courses and their respective fees, go to General Registration Information at www.gsu.edu/es/20272.html.

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 Communication Research and Information Technology (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, WSt 2010

Area G: Major Courses (24)

1. Major Requirements (6)
   - Jour 3060 Communication Law and Regulation (3)
   - Jour 3070 Introduction to Theories of Mass Communication (3)
2. Areas of Concentration: Choose one of the following concentrations to complete remaining hours of the major. (18)

1.
   1. **Print Concentration**
      1. Required Courses to fulfill CTW requirement (6)
         - Jour 3010 Advanced Media Writing-CTW (3) and
         - Jour 4040 History of the News Media-CTW (3)
      2. Media Practice: Select two courses. (6)
         - Jour 3120 Feature Writing (3)
         - Jour 3180 Editorial and Critical Writing (3)
         - Jour 4610 Advanced Desktop Editing and Publishing (3)
      3. Media Studies: Select one course. (3)
         - Jour 3690 Honors Readings (1-3)
         - Jour 4480 Political Campaigns (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 4770 Media Management and Marketing (3)
         - Jour 4780 Women and Media (3)
         - Jour 4800 Mass Media and Society-CTW (3)
         - Jour 4810 Media and Popular Culture (3)
         - Jour 4870 Honors Thesis: Research (3)
         - Jour 4880 Honors Thesis: Writing (3-6)
         - Jour 4900 Selected Topics (3)
      4. Concentration Elective (3)
         - Select either Jour 4980 (Internship) or one additional media studies course. (3)
   2. **Public Relations Concentration**
      1. Concentration Requirements (9)
         - Jour 3500 Introduction to Public Relations Writing (3)
         - Jour 3950 Public Relations Research (3)
         - Jour 4540 Cases and Problems in Public Relations (3)
      2. Media Practice: Select one course. (3)
         - Jour 3120 Feature Writing (3)
         - Jour 3180 Editorial and Critical Writing (3)
         - Jour 4610 Advanced Desktop Editing and Publishing (3)
         - Jour 4660 Corporate Communication (3)
         - Jour 4980 Internship (1-6)
      3. Required Courses to fulfill CTW requirement. (6)

- Jour 3560 Public Relations Writing and Projects-CTW (3) and
- Jour 4040 History of News Media-CTW (3) or
- Jour 4800 Media, Ethics and Society-CTW (3)

3. **Telecommunication Concentration**
   1. Concentration Requirements (7)
      - Jour 3700 Introduction to Telecommunication (3)
      - Jour 4700 Telecommunication Production I (4)
   2. Media Practice: Select two courses. (6)
      - Jour 4710 TV News Magazine (3)
      - Jour 4750 Special Projects in Telecommunication (3)
      - Jour 4760 Non-Fiction Scriptwriting (3)
      - Jour 4770 Media Management and Marketing (3)
      - Jour 4840 TV Newscast (3)
      - Jour 4980 Internship (3)
   3. Required Courses to fulfill CTW requirement. (6)
      - Jour 3010 Advanced Media Writing-CTW (3) and
      - Jour 4040 History of News Media-CTW (3) or
      - Jour 4800 Mass Media and Society-CTW (3)

Area 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.

3390 Latin

Program Offered:

1. **Minor in Latin**

Department of Modern and Classical Languages
841 General Classroom Building
404/413-5980
www.gsu.edu/languages

Fernando Reati, Chair
Germán Torres, Associate Chair
Georges Perla, Undergraduate Director
Gerard Pendrick, Adviser

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.

3400 Law and Society

Program Offered:

1. **Bachelor of Interdisciplinary Studies with a Concentration in Law and Society**
2. **Pre-Law Allied Field**

3. 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 faculty adviser, Dr. Robert Howard, at 404/413-6163 or polrhh@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 General Classroom Building, 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 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, WSt 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**
   - Course numbered 4995 in the student's primary discipline (3)
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):
   - 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) — 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, PAUS 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):
   - CJ 4410, CRJU 3210, CRJU 3310, CRJU 3410, CRJU 4420, PolS 4131, Psyc 4300, Soci 3222, Soci 3224, Soci 3346, Soci 4150, WSt 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.

3410 Mathematics and Statistics

Programs Offered:

1. **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**
2. **Minor in Mathematics**

Department of Mathematics and Statistics
750 College of Education Building
404/413-6464
www.mathstat.gsu.edu

Guantao Chen, Chair
Frank Hall, 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.

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, including those in the core.

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 Introductory Linear Algebra (3)
   - Math 4435 Linear Algebra (3)
   - Math 4441 Modern Algebra (3)
   - Math 4661 Analysis I (3)
   - Math 4662 Analysis II (3)
   - Math 4751 Mathematical Statistics I (3)
3. Mathematics Electives: Select 9 additional hours of 3000/4000-level mathematics courses, of which three 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 Introductory Linear Algebra (3)
   - Math 4211 Optimization (3)
   - Math 4435 Linear Algebra (3)
   - Math 4610 Numerical Analysis I (3)
   - Math 4661 Analysis I (3)
   - Math 4662 Analysis II (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)
   - 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 (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:

3.
   - CSc 3320 System-Level Programming (3)
   - CSc 4210 Computer Architecture (4)
   - CSc 4320 Operating Systems (4)
4. Computer Information Systems Requirements (12)

4.

   - 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)
5. 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 Introductory Linear Algebra (3)
   - Math 4435 Linear Algebra (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 Introductory Linear Algebra (3)
   - Math 4435 Linear Algebra (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.

3420 Middle East Studies

Programs Offered:

1. **Bachelor of Interdisciplinary Studies with a Concentration in Middle East Studies**
2. **Minor in Middle East Studies**
3. **Minor in Arabic Language and Literature**

Middle East Institute
34 Peachtree St., 20th Floor
404/413-6140
www.gsu.edu/mideast

Michael Herb, Director

The Middle East Institute offers an interdisciplinary major in Middle East Studies, 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 an MEI adviser. The MES major prepares students for graduate school or for careers in government, business, the non-profit sector or the military. If interested, please contact Alta Schwartz at 404/413-6146 (aschwartz@gsu.edu) or Dr. Michael Herb, director of the Middle East Institute at herb@gsu.edu.

MEI faculty offer courses in three Middle Eastern languages: Arabic, Hebrew and Turkish. Summer intensive courses are offered in some languages. The MEI encourages students to take advantage of study abroad opportunities to deepen their knowledge of the culture and languages of the Middle East.

The MEI sponsors 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: www.gsu.edu/mideast.

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 General Classroom Building, 404/413-5000. Students should apply to the program by the time they have earned 42 credit hours to avoid a delay in graduation. Application materials can be obtained from the Office of Academic Assistance (404/413-5000) or on the Middle East Institute's website: www.gsu.edu/mideast.

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. For a complete list of courses and their respective fees, go to General Registration Information at www.gsu.edu/es/20272.html.

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 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)
- WSt 4910 Special Topics (3) (when appropriate, i.e. Arab and Islamic Feminisms)

New courses are regularly added to this list, please check with the Middle East Institute 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. Currently MEI faculty members conduct summer programs to Egypt and Turkey. 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)
- WSt 4910 Special Topics (3) (when appropriate, i.e. Arab and Islamic Feminisms)

3430 Military Science and Leadership

Program Offered:

1. **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

Dora E. Teran, Chair

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. 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 program. The advanced program (MSL 3000 and 4000 series) is taken during the final two years of college and includes an advanced summer seminar 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 use the scholarship for room and board up to $10,000. Students may apply for two, three and four year scholarships. Each scholarship covers full tuition, provides an annual allotment of $1200 for books and fees, and gives students 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 sequence. 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 sequence. Students with prior service may be eligible for special veteran scholarships. 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. Hist 4900 War in Europe and America Since 1500 (4)
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)

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)

Advanced Cadet Commissioning Training:

- 4 weeks advanced progression training
- 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:

1. **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**

2. Bachelor of Science in Music Management

School of Music
Haas-Howell Building, Room 520
404/413-5900
www.music.gsu.edu

W. Dwight Coleman, Director
Robert Ambrose, Associate Director and Undergraduate Director
Steven Harper, Graduate 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 recording technology, 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 Arts and Humanities Building. Large ensembles perform throughout the academic year in the Rialto Theater, an 850-seat, state-of-the-art performance venue located in the heart of downtown Atlanta.

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 specific to each instrument 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. Mus 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. Mus 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

Entering students should meet with the Admissions and Enrollment Coordinator of the School of Music to receive initial advisement, at which time the student will 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 or two credit hours 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 or three credit hours per semester; one hour lesson per week.
- 4001/4002 level: Senior level. One or 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 an audition.

Every student who is registered for applied music is required to enroll 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. Vocal jazz does not count as a 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 private instructors.

Concert Attendance (Mus 1100)

Music majors must successfully complete six semesters of concert attendance (MUS 1100). MUS 1100 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.

Pre-Education Concentration

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 in the College of Education's Office of Academic Assistance (also available at education.gsu.edu/main/3055.htm) 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.

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 through lower-division music courses not included in Area F.

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 ensemble conductors at the beginning of every Fall and Spring semester. Appropriate large ensembles include the following:

- Mus 1060/3060 Wind Ensemble (1)
- Mus 1061/3061 Wind Orchestra (1)
- Mus 1070/3070 Orchestra (1)
- Mus 1080/3080 Men's Chorus (1)
- Mus 1080A/3080A University Singers (1)
- Mus 1082/3082 Women's Chorus (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)

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 1100 Concert Attendance (0) (6 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 (44)
   - APCP 4001 Applied Composition — Senior 1 (2)
   - APCP 4002 Applied Composition — Senior 2 (2)
   - 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 1100 Concert Attendance (0) (6 semesters)
- 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 — Fresman 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 1100 Concert Attendance (0) (6 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 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)

Pre-Education Concentration, Emphasis in Choral/General

1. Performance Requirements (25)
    - 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 1100 Concert Attendance (0) (6 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 4480 Choral Conducting (2)
    - Mus 3010 Basic Improvisation (1)
    - Select one:
    - Mus 1730 or 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 (22)
    - 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 4140 Arranging for Chorus (1)
- Mus 4730 Computer Applications in Music (2)

3. Music History/Literature Requirements (5)
   - Mus 4800 Music History from Antiquity through the Baroque Period (3)
   - Pers 2001 Music in Comparative Cultures (counts in Area B of the Core) (2)
4. Music Education Requirements (27). Students must earn a grade of B or higher in these courses.
   - Mus 3310 Introduction to Music Education (2)
   - 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 3350 Techniques of Classroom Instruments (1)
   - Mus 4260 Practicum in Music Education (3)
   - Mus 4270 (TE) Student Teaching in Music (9)
   - Mus 4290 (TE) Senior Seminar in Music Education (3)
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)

Pre-Education Concentration, Emphasis in Instrumental

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 (1)
   - APxx 3002 Applied Music — Junior 2 (1)
   - APxx 4001 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 1100 Concert Attendance (0) (6 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 4490 Instrumental Conducting (2)
   - Mus 3010 Basic Improvisation (1)
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 History/Literature Requirements (5)
   - Mus 4800 Music History from Antiquity through the Baroque Period (3)
   - Pers 2001 Music in Comparative Cultures (counts in Area B of the Core) (2)

5. Music Education Requirements (25). Students must earn a grade of B or higher in these courses.
   - Mus 3310 Introduction to Music Education (2)
   - Mus 3350 Techniques of Classroom Instruments (1)
   - 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 (9)
   - Mus 4290 (TE) Senior Seminar in Music Education (3)
6. 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 1100 Concert Attendance (0) (6 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 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)
   - 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 1100 Concert Attendance (0) (6 semesters)
- 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 1100 Concert Attendance (0) (6 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 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 Organ

1. Performance Requirements (36)
   - APOR 1001 Applied Organ — Freshman 1 (1)
   - APOR 1002 Applied Organ — Freshman 2 (1)
   - APOR 2001 Applied Organ — Sophomore 1 (2)
   - APOR 2002 Applied Organ — Sophomore 2 (2)
   - APOR 3001 Applied Organ — Junior 1 (3)
   - APOR 3002 Applied Organ — Junior 2 (3)
   - APOR 4001 Applied Organ — Senior 1 (3)
   - APOR 4002 Applied Organ — Senior 2 (3)
   - APxx 1000 Applied Music (1) (2 semesters)
   - 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 1100 Concert Attendance (0) (6 semesters)
   - Mus 2490 Basic Conducting (2)
   - Mus 3071 Collaborative Piano (1) (may substitute for 2 semesters of large ensemble)
   - Mus 3010 Basic Improvisation (1)
   - Mus 4200 Service Playing and Church Music Skills (2)
   - Mus 4530 Accompanying (1)
   - Select one:
     - Mus 4480 Choral Conducting (2)
     - Mus 4490 Instrumental Conducting (2)
2. Theory/Composition Requirements (26)
   - 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)
- Mus 4760 Advanced Keyboard Harmony (1)
- Select one:
  - Mus 4140 Choral Arranging (1)
  - Mus 4770 Advanced Aural Skills (1)
- Select one:
  - Mus 4450 Advanced Tonal Analysis (3)
  - Mus 4500 Historical Counterpoint (3)

3. Music History/Literature Requirements (6)
   - Mus 4710 Organ Literature (3)
   - Mus 4800 Music History from Antiquity through the Baroque Period (3)
4. Mus 4420 Organ Pedagogy (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 1100 Concert Attendance (0) (6 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 4011 Singing in Italian (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 ensemble conductors at the beginning of every Fall and Spring semester. Appropriate large ensembles include the following:

- Mus 1060/3060 Wind Ensemble (1)
- Mus 1061/3061 Wind Orchestra (1)
- Mus 1070/3070 Orchestra (1)
- Mus 1080/3080 Men's Chorus (1)
- Mus 1080A/3080A University Singers (1)
- Mus 1082/3082 Women's Chorus (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 (80)

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 (8)
   - Mus 4800 Music History from Antiquity through the Baroque Period (3)

- Pers 2001 Music in Comparative Cultures (counts in Area B of the Core) (2)
- 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 (15)
   - Required courses:
     - Acct 2101 Principles of Accounting I (3)
     - Econ 3050 Economics of Art, Entertainment, and Culture (3)
   - Select three:
     - 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 minors in music and music management. A background in music is helpful but not necessary. Each minor requires 18 semester hours of course work in music, 9 of which must be at the 3000-4000 level. Courses include music theory, music history, performance, and electives. Certain courses entail prerequisites that may not count toward the 18 credits required for the minor. Students interested in either minor should contact the School of Music main office at 404/413-5900 for further information. An advising appointment is required before students may accumulate credits toward the minor.

3450 Philosophy

Programs Offered:

1. **Bachelor of Arts in Philosophy**
   - **Concentration in Pre-Law**
2. **Minor in Philosophy**
3. **Minor in Ethics**

Department of Philosophy
34 Peachtree St., Suite 1100
404/413-6100
www.gsu.edu/philosophy

George Rainbolt, Chair
Eddy Nahmias, Director of Undergraduate Studies

Philosophy is the study of the principles of knowledge and valid reasoning; the foundations of morality, law, and society; and the fundamental nature of reality. It is an attempt to understand the basic relationships between human beings, God, and nature that guide the personal and professional lives of people and that constitute an essential aspect of human culture. It is also a search for critical tools to evaluate these relationships and to ensure objectivity, disciplined insight, and rational argument.

The Department of Philosophy offers two undergraduate degree programs, the Bachelor of Arts in Philosophy and the Bachelor of Arts in Philosophy with a Pre-Law Concentration. Majors are urged to consult with their advisers in order to prepare the course of study most appropriate to their individual interests and needs. All majors planning to attend graduate school should consult closely with their advisers concerning courses appropriate for their anticipated graduate programs. Philosophy minors and all students intending to take departmental courses are invited to discuss their goals and needs with members of the Department of Philosophy. The department maintains an extensive website, www.gsu.edu/philosophy.

Major in Philosophy

Philosophy is an appropriate study for anyone wishing a broad liberal education that teaches one how to think and that promotes self-awareness. It is particularly appropriate as a major or minor for those contemplating a career in law, administration, public service, politics, business, education, the sciences, or religion. Students are encouraged to consider the possibility of a double major with philosophy.

The Department of Philosophy offers a wide variety of courses especially developed for students in business, health sciences, education, and public and urban affairs, as well as for those who pursue a scientific or humanistic career. For those studying the humanities or the sciences, philosophy provides invaluable critical skills, insight into methodological presuppositions, and an appreciation of the intellectual debates that have shaped history.

The Department's faculty span many areas of philosophy. In addition, the Department has developed three areas of specialization: Legal and Political Philosophy, Neurophilosophy and Philosophy of Mind, and Kant and Post-Kantian German Philosophy. Another component of the Department's program is a series of courses in applied philosophy, the study of which provides practical skills for one's personal, social, and professional life. Courses in this area include Contemporary Moral Problems, Philosophy of Law, Biomedical Ethics, and Business Ethics.

Major in Philosophy with a Pre-Law Concentration

The study of philosophy is excellent preparation for law school. The critical thinking skills, clarity in writing and argumentative rigor required in philosophy provide students with the tools they need to be successful in law school and as lawyers. Moreover, philosophy majors have among the highest average scores on the LSAT and the highest admission rates to law school of any major. (For this data, see www.gsu.edu/philosphy, and click on "Undergrad Programs.") Students interested in the major in philosophy with a pre-law concentration, should consult with the Department's pre-law adviser, Dr. Andrew I. Cohen, aicohen@gsu.edu.

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 1010, Phil 2010, Phil 3000, Phil 3010, and Phil 3020 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

Areas A-E: Core Curriculum Recommendations

1. Area C: The department recommends that philosophy majors take RelS 2001, Introduction to World Religions.

Area F: Courses Appropriate to the Major (18)

1. Required Courses (8)
   - Phil 1010 Critical Thinking (2)
   - Phil 2010 Introduction to Philosophy (3)
   - 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 History of Western Philosophy I: Ancient and Medieval (3)
   - Phil 3020 History of Western Philosophy II: Modern (3)
3. Ethics and Social/Political 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 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)
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 of 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
   - Phil 4520 (Symbolic Logic) is strongly recommended as one of these courses, and it is required in order to graduate with distinction. Students preparing to apply to graduate programs in philosophy are encouraged to take the following courses while completing the normal requirements:
   - Phil 4100 Epistemology (3)
   - Phil 4300 Metaphysics (3)
   - Phil 4520 Symbolic Logic (3)
   - Phil 4700 Ethics (3)

Developing a relationship with one or more professors so that they know you well and can write good letters of recommendation is also an excellent idea.

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

Areas A-E: Core Curriculum Recommendations

1. Area C: The department recommends that philosophy majors take RelS 2001, Introduction to World Religions.

Area F: Courses Appropriate to the Major (18)

1. Required Courses (8)
   - Phil 1010 Critical Thinking (2)
   - Phil 2010 Introduction to Philosophy (3)
   - Lang 1002 Elementary Foreign Language II (3)*
2. Recommended Courses (9)
   - 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.

*When considering foreign language courses to meet the Area F requirement indicated above, Pre-Law concentration students with no other language preference should consider that a grounding in Latin may be useful in law school.

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 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 History of Western Philosophy I: Ancient and Medieval (3)
   - Phil 3020 History of Western Philosophy II: Modern (3)
3. Ethics and Social/Political 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 4800 Social and Political Philosophy (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)
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 of 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. Phil 4520 (Symbolic Logic) is strongly recommended, both for the mental abilities it develops and because it may improve performance on the LSAT; this course is required in order to graduate with distinction.
7. One of the following courses (3-4)
   - AAS 3070 African-Americans in the Criminal Justice System (3)
   - Hist 3220 United States in the Twentieth century (4)
   - Hist 4240 American Labor and Working Class (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)
   - LglS 4050 Principles of Business Law (3)
   - PolS 3110 State Government (3)
   - PolS 3140 Judicial Process and Courts (3)
   - PolS 3170 American Legislative Process (3)
   - PolS 3700 Public Administration and Bureaucratic Politics (3)
   - PolS 3750 Public Policy Analysis (3)
   - PolS 4115 Urban Politics (3)
   - PolS 4130 American Constitutional Law (3)
   - PolS 4131 Civil Liberties and Rights (3)
   - PolS 4157 Politics of the Civil Rights Movement (3)
   - PolS 4180 American Chief Executives (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)
   - PolS 4950 Practicum in Political Science (3)
   - RelS 4670 Church and State (3)
   - Soci 3220 Activism, Protest, and Revolution (3)
   - Soci 3222 Deviant Behavior (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.

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:

1. **Bachelor of Science in Physics**
2. **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**
3. **B.S. Physics / M.A.T. Science Education Dual Degree Program**
4. **Minor in Physics**

Department of Physics and Astronomy
400 Science Annex
404/413-6033
www.Phy-Astr.gsu.edu

H. Richard Miller, Chair
D. Michael Crenshaw, Undergraduate Director
Brian Thoms, Undergraduate Director

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, and computer science.

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 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.

The degree programs described below do not require a foreign language. However, the department recommends that students continue their high school experience to a level of competency equivalent to Georgia State's 1002 level or higher.

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

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. For a complete list of courses and their respective fees, go to General Registration Information at www.gsu.edu/es/20272.html.

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.*
   - 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)

*Required Lower Division Courses

All students majoring in physics must complete the following set of courses: Phys 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. degree program for the physics major. The standard program is recommended for those who plan to pursue graduate study in physics, or who plan to seek immediate employment upon graduation. Other options include concentrations in applied physics, astronomy, pre-medicine, biophysics, geology, and computer science. 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 4410 Nuclear and Particle Physics (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, 4010, 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: (11)
   - Phys 3402 Modern Physics II (3)
   - Phys 3500 Electronics (3)
   - Phys 3800 Optics (3)
   - Phys 4110 Introduction to Embedded Systems Laboratory (4)
   - Phys 4410 Nuclear and Particle Physics (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 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 courses. 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 (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)
   - 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 following: (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 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)
   - Biol 4180 Neurobiology Laboratory (4)

- Phys 3402 Modern Physics II (3)
- Phys 3500 Electronics (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 courses (4)
   - Geol 3002 Introduction to Earth Minerals (4)
2. Electives: Select 12 hours from the following (or other approved 3000-4000 geology courses) (12)
   - Geol4007 Hydrogeology (4)
   - Geol4013 Structural Geology (4)
   - Geol4015 Crystallography and Optical Mineralogy (4)
   - Geol4017 Environmental Geology (4)
3. Electives: Select six hours from the following (5):
   - Phys3402 Modern Physics II (3)
   - Phys3500 Electronics (3)
   - Phys3800 Optics (3)
   - Phys4110 Introduction to Embedded Systems Laboratory (4)
   - Phys4410 Nuclear and Particle Physics (3)
   - Phys4810 Quantum Mechanics (3)
   - Phys4910 Solid State Physics (3)
   - Phys4950 Senior Research (1-3)
   - CSc4610 Numerical Analysis I (3)
   - Math3435 Introductory Linear Algebra (3)
   - Math4250 Complex Analysis (3)
   - Math4258 Vector Calculus (3)
   - Math4265 Partial Differential Equations (3)
   - Math4391 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. Electives: Select 12 hours of courses from the following (or other approved computer science courses) (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 3610 MATLAB Programming (3)
   - CSc 4210 Computer Architecture (4)
   - CSc 4220 Computer Networks (3)
   - CSc 4230 VLSI Design (4)
   - 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 4730 Scientific Visualization (4)
   - CSc 4820 Computer Graphics Algorithms (4)
3. Electives. Select six hours from the following (6):
   - Phys3402 Modern Physics II (3)
   - Phys3500 Electronics (3)
   - Phys3800 Optics (3)

- Phys4110 Introduction to Embedded Systems Laboratory (4)
- Phys4410 Nuclear and Particle Physics (3)
- Phys4810 Quantum Mechanics (3)
- Phys4910 Solid State Physics (3)
- Phys4950 Senior Research (1-3)
- Math 3030 Mathematical Models for Computer Science (3)
- Math3435 Introductory Linear Algebra (3)
- Math4250 Complex Analysis (3)
- Math4258 Vector Calculus (3)
- Math4265 Partial Differential Equations (3)
- Math4391 Introduction to Differential Geometry and Its Applications (3)

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'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

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 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.

3470 Political Science

Programs Offered:

1. **Bachelor of Arts in Political Science**
   - **Concentration in General Political Science**
   - **Concentration in International Affairs**
   - **Concentration in Pre-Law**
   - **Concentration in Pre-Education**
2. **European Union Studies Certificate**
3. **Minor in Political Science**

Department of Political Science
1005 General Classroom Building
404/413-6159
www.gsu.edu/~wwwpol

William M. Downs, Chair

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.

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, WSt 2010.

Area G: Major Courses (27)

A grade of C or higher is required in all major courses.

General Political Science Concentration (27)

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. Take 21 hours in political science at the 3000 level or above. One course must be taken in at least three of five areas of study; these areas include American government and politics (3100's and 4100's), comparative politics (3200's and 4200's), international politics (3400's and 4400's), political theory (3500's and 4500's), and public policy and administration (3700's and 4700's). (21)

International Affairs Concentration (27)

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 12 hours at the 3000 level or above in comparative politics and international politics. (12)
4. Select 3 hours at the 3000 level or above in American politics, public policy and administration, or political theory. (3)

Pre-Law Concentration (27)

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 3 courses. (9)
   - PolS 3110 State Government (3)
   - PolS 3145 Introduction to American Law (3)
   - PolS 3170 American Legislative Process (3)
   - PolS 3700 Public Administration and Bureaucratic Politics (3)
   - PolS 3750 Public Policy Analysis (3)
   - PolS 4115 Urban Politics (3)
   - PolS 4157 Politics of the Civil Rights Movement (3)
   - PolS 4180 American Chief Executives (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)
4. Select three additional hours in political science. (3)
5. Of the courses taken, students must have one course in three of the five areas of the discipline.
6. PolS 4950 is recommended as an elective.

Pre-Education Concentration

The Department of Political Science offers a pre-education concentration for majors planning to teach on the middle school or high school level. Students take courses chosen so as to provide the substantive knowledge needed to teach political and social

science. Graduates may then seek entrance into the Master of Arts in Teaching (M.A.T.) Program Social Studies Education in the College of Education at Georgia State to gain state certification or into a comparable program at another institution. For admission requirements of the M.A.T. Program in Social Studies Education, see the College of Education.

Requirements of Pre-Education Concentration for Political Science Majors (27)

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. Select one course:
   - PolS 4130 American Constitutional Law (3)
   - PolS 4131 Civil Liberties and Rights (3)
3. Select one course:
   - PolS 3110 State Government (3)
   - PolS 3170 American Legislative Process (3)
   - PolS 4115 Urban Politics (3)
   - PolS 4180 American Chief Executives (3)
4. Select one course:
   - PolS 3200 Comparative Politics (3)
   - PolS 3400 International Politics (3)
5. Select 12 additional hours in political science.
6. Of the courses taken, students must have one course in three of the five areas of the discipline.

Requirements of Allied Field Concentrations

To earn the Certificate in Pre-Education Broad Field Social Science, students must also take allied field concentrations (nine hours) from two or more of the following disciplines: economics, geography, history, or education. Note the student must take at least 18 hours with nine hours in each of the allied fields. The student should see each department's list for the courses to be taken in the nine hours for that discipline. Students should consult with their departmental advisers in making choices. Students choosing education as an allied field are required to take EXC 4020, along with two of the following: IT 3210, EDCI 3200, EDUC 3010, EDUC 4982, EDSS 3400, and EDLA 3200).

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. Students in the pre-education concentration take allied fields rather than a minor.
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 4115 Urban Politics (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. William Downs 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, 4130, 4131, and two courses from PolS 3110, 3145, 3170, 3700, 3750, 3770, 4115, 4157, 4180, 4220, 4420, 4425, 4427, 4570, and 4780. Students seeking to take a minor in political science/international affairs should take PolS 2401 (if not taken in Area E), 3200, 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. Students spend up to one academic year in residence in one of the two universities with credit given for classes on a cross-registration basis.

Master's Degrees in International Business and Government

In conjunction with the Institute of International Business, the department offers joint master's degrees in international business and government. Students wishing to enter this graduate program should take prerequisites as an undergraduate. Students should contact the department for further information.

3480 Pre-Law Programs

Four different pre-law preparatory programs offered:

1. **Bachelor of Interdisciplinary Studies in Law and Society (Section 3400)**
2. **Bachelors of Arts in History with a Pre-Law Concentration (Section 3320)**
3. **Bachelor of Arts in Philosophy with a Pre-Law Concentration (Section 3450)**
4. **Bachelor of Arts in Political Science with a Pre-Law Concentration (Section 3470)**
5. **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:

1. **Bachelor of Science in Biology with a Pre-Professional/Physiology Concentration (Section 3170)**
2. **Bachelor of Science in Chemistry with a Pre-Medicine Concentration (Section 3180)**
3. **Bachelor of Science in Physics with a Pre-Medicine Concentration (Section 3460)**
4. **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 General Classroom Building, 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:

1. **Bachelor of Arts in Psychology**
2. **General Program in Psychology**
   - **Concentration in Community Psychology**
3. **Bachelor of Science in Psychology**

4. **General Program in Psychology**
   - **Concentration in Community Psychology**
   - **Concentration in Pre-Medicine**
5. **Minor in Psychology**

Department of Psychology
11th floor, Urban Life Building
404/413-6200
www.gsu.edu/psychology

Lisa Armistead, Chair
Christopher C. Henrich, 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.

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

Program Degree Requirements

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.

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 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)

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-CTWv (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 3560 Leadership and Group Dynamics (3)
   - Psyc 4300 Adolescent Psychology (3)
   - Psyc 4240 People in Organizations (3)
   - Psyc 4520 Environmental Psychology (3)
3. Select one course. (3)
   - Psyc 4670 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, General Classroom Building, 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:

1. **Bachelor of Arts in Religious Studies**
2. **Minor in Religious Studies**

Department of Religious Studies
34 Peachtree Street, 11th floor
404/413-6110
www.gsu.edu/religion

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 www.gsu.edu/religion.

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 4525, 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.)

3520 Sociology

Programs Offered:

1. **Bachelor of Arts in Sociology**
2. **General Program in Sociology**
   - **Concentration in Family**
   - **Concentration in Gender and Sexuality**
   - **Concentration in Gerontology**

- **Concentration in Race and Urban Studies**

3. Minor in Sociology

Department of Sociology
1041 General Classroom Building
404/413-6500
www.gsu.edu/sociology

Donald C. Reitzes, Chair
Wendy Simonds, Undergraduate Director
Brian E. Buckwald, Undergraduate Academic Adviser

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.

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.
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, CRJU 2200, Csc 1010, Csc 1310, Csc 2010, 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, IT 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, WST 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, race and urban studies concentration, and pre-education 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 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 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 3010, Soci 3020, and Soci 3030 are not offered in the summer semester. Students who decide to major in Sociology after completing Psyc 3010, Psyc 3510, Paus 4021, or PMAP 4041 may use one as credit toward Soci 3010. Students who decide to major in Sociology after completing Psyc 3030, Psyc 3530, Pols 3800, SW 3020, Paus 4031, or PMAP 4051 may use one as credit toward Soci 3020.

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 or the list in section 3 above. (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.

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 club website at www2.gsu.edu/~socclub/, or by contacting Dr. Memo Konrad at socmjk@langate.gsu.edu.

3530 Spanish

Programs Offered:

1. **Bachelor of Arts in Spanish**
   - **Concentration in Literature**
   - **Concentration in Language and International Business**
   - **Concentration in Foreign Language Education**
2. **Bachelor of Arts in Spanish and M.I.B. Joint Degree**
3. **Bachelor of Arts Major in International Economics and Modern Languages**
4. **Minor in Spanish**

Department of Modern and Classical Languages
841 General Classroom Building
404/413-5980
www.gsu.edu/languages

Fernando Reati, Chair
Germán Torres, Associate Chair
Georges Perla, Undergraduate Director
Victoria Rodrigo, Head of Spanish section and Adviser
Peter Swanson, Head of Foreign Language Education and Adviser

The Department of Modern and Classical Languages 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 Guadalajara (Mexico).

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 two programs in conjunction with other colleges: the Bachelor of Arts in Spanish and MIB Joint Degree Program, in collaboration with the Robinson College of Business, and 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 adviser in designing and following a program of study that fits their own career objective and the requirements of their particular concentration.

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 advisers 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. For a complete list of courses and their respective fees, go to General Registration Information at www.gsu.edu/es/20272.html.

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 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 Modern and Classical Languages.
   c. Clas 2201, Clas 2202, Clas 2203, Fren 2212, Fren 2216
   d. 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, WSt 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 3307 Introduction to the Study of Literary Texts-CTW (3)
   - Span 3310 Hispanic Culture and Civilization-CTW (3)
2. Concentration Requirements (21)
   - **Literature Concentration (21)**
     1. Four literature courses above Span 3307. (12)
     2. Three additional courses in Spanish at the 3000-4000 level. (9)
   - **Language and International Business Concentration** (21)

     1.
        -
          - 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 course above Span 3307 (3)
          - Three additional courses in Spanish at the 3000-4000 level. (9)
2. **Foreign Language Education Concentration (21)**
   - Span 3305 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 courses above Span 3307 (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 Modern and Classical Languages: ForL 3022, 4021, 4025, 4026, and 4030. All students will register for Student Teaching (ForL 4061/4062/4063). All students seeking teaching certification in Spanish must pass the following courses in the College of Education 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. Application forms are available in the department (841 GCB). See "Teacher Preparation Programs" chapter of this catalog. 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 GCB).

In order to be recommended for K-12 certification in Spanish, students must complete all courses taken in the Department of Modern and Classical Languages (the major and ForL courses) with a grade of B or higher.

Bachelor of Arts in Spanish and M.I.B. Joint Degree Program

In cooperation with the Robinson Institute of International Business, the Department of Modern and Classical Languages offers a five-year program leading to the Bachelor of Arts degree with a major in French, German, or Spanish plus the Master of International Business degree. This is a rigorous, cross-disciplinary program for highly motivated students with an interest in language, intercultural study, and international business. Graduates of the program are equipped with both global marketplace management skills and intercultural business language expertise.

The joint degree program allows students to use up to 15 hours from the Master's degree to satisfy the requirements of the Bachelor's degree. Students reduce the total number of credit hours needed to complete both programs from 153 to 138 by pursuing the joint degree. Completion of the program in five years will mean that students must be willing to attend classes in the summer, as necessary. Upon completion of the requirements for both degrees, students in the five-year AB/MIB program will be awarded both a Bachelor of Arts degree and a Master's in International Business. To be accepted to the five-year program, students must be admitted separately to each degree program and satisfy prerequisites for each program.

For further information please contact Dr. Fernando O. Reati, Department of Modern and Classical Languages, 841 General Classroom, 404/413-5984, email mclfor@langate.gsu.edu , or Dr. Tamer Cavusgil, Institute of International Business, Ste. 1444 Robinson College of Business, 404/413-7275, email iib@gsu.edu.

Bachelor of Arts Major in International Economics and Modern Languages

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 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 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 with a concentration in Spanish must complete Span 2203/2501 as their Area F elective.

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 Modern and Classical Languages adviser.

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 3307 Introduction to Study of Literary Texts - CTW (3)
   - Span 3310 Hispanic Culture - CTW (3)
   - Span 4405 Spanish for International Business I (3)
   - Span 4407 Spanish for International Business II (3)
   - Span 4409 Techniques for 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 3000/4000 course (3)

Area I: Electives (12) Choose any four 3000/4000-level courses, in consultation with the faculty adviser.

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.

3540 Speech

Programs Offered:

1. **Bachelor of Arts in Speech**
   - **Concentration in Public and Political Communication**
   - **Concentration in Communication across the Lifespan**
2. **Minor in Speech**

Department of Communication
662 One Park Place South
404/413-5600
communication.gsu.edu

David Cheshier, Chair
Greg Lisby, Associate Chair
Doug Barthlow, Undergraduate Adviser

Speech communication explores the creation, transmission, analysis, and impact of differing kinds of spoken messages as they occur among individuals, groups, organizations, and cultures. Speech courses examine such areas as interpersonal and nonverbal communication, persuasion and argumentation, rhetorical criticism, public address, communication development, and communication disorders. The concepts and skills provided by the major in speech are useful in a wide variety of occupations, including business, law, politics, teaching, the ministry, and public relations, that require an understanding of the dynamics of human communication and proficiency in oral expression.

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.

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. Area Concentration: Choose three courses from one area of concentration. (9)

2.
   1. **Public and Political Communication Concentration**
      Select three courses (9)
      - Spch 3010 Advanced Public Speaking (3)
      - Spch 3060 Communication Law and Regulation (3)
      - Spch 3510 Principles of Debate (3)
      - Spch 3690 Honors Readings (1-3)
      - Spch 4460 Topics in Public Communication Theory and Research (3)
      - Spch 4480 Political Campaign Communication (3)
      - Spch 4500 Visual Communication (3)
      - Spch 4510 Media and Politics (3)
      - Spch 4520 African-American Rhetoric (3)
      - Spch 4530 Voices of African-American Feminists (3)
      - Spch 4540 Mediation and Conflict Resolution (3)
      - Spch 4880 Honors Thesis: Writing (3-6)
      - Spch 4890 Special Project (3)

- Spch 4980 Internship (3)

2. **Lifespan Communication Concentration**
   Select three courses (9)
   - Spch 3000 Phonetics (3)
   - Spch 3450 Non-Verbal Communication (3)
   - Spch 3690 Honors Readings (1-3)
   - Spch 3750 Intercultural Communication (3)
   - Spch 4410 Communication Disorders (3)
   - Spch 4470 Topics in Interpersonal Communication Theory and Research (3)
   - Spch 4475 Communication of Aging (3)
   - Spch 4490 Communication and Gender (3)
   - Spch 4540 Mediation and Conflict Resolution (3)
   - Spch 4880 Honors Thesis: Writing (3-6)
   - Spch 4890 Special Project (3)
   - Spch 4980 Internship (3)

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

The social science departments of the College of Arts and Sciences offer four different pre-education tracks:

1. **Bachelor of Arts in African-American Studies (Section 3090)**
2. **Bachelor of Arts in Geography (Section 3290)**
3. **Bachelor of Arts in History (Section 3320)**
4. **Bachelor of Arts in Political Science (Section 3470)**

Students interested in a career 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 (or a similar master's level initial preparation program at another university).

Please refer to the "Teacher Preparation" chapter of this catalog for detailed information on other programs.

3560 Theatre

Programs Offered:

1. **Bachelor of Interdisciplinary Studies in Theatre**
   - **Concentration in Performance Studies**
   - **Concentration in Design and Production**
2. **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 General Classroom Building, 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 (7-9)
   - Thea 4050 Directed Activities – Technical Theatre (1-3)
   - 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)
5. Select one course (3) Note: If ID 4250 or ID 4350 is chosen to fulfill this requirement, the degree program will be one hour short of the 27 hours required in the area of concentration; students wishing to take either of those courses should add an additional course (either a two or three-hour course from this menu of options).

- Film 3000 Lighting Design for Theatre, Film and Television (4)
- ID 3100 Architectural Drawing II: Presentation (3)
- ID 3250 Computer-Aided Drafting and Design (2)*
- ID 4350 Computer-Aided Drafting and Design II (2)*

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 Wheel Throwing II (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.

3570 Women's Studies

Programs Offered:

1. **Bachelor of Arts in Women's Studies**
2. **Minor in Women's Studies**

Women's Studies Institute
10th Floor Urban Life Building
404/413-6587
www.gsu.edu/womensstudies

Susan Talburt, Director
Julie Kubala, Undergraduate Studies Director

Women's Studies at Georgia State University contributes to the University's broader mission of encouraging critical thinking through a focus on feminist and womanist interdisciplinary scholarship, teaching, and community participation. Women's Studies 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, Women's Studies 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, Women's Studies emphasizes the following areas of study: race, globalization, sexuality, and social change.

Program Admission

Students wishing to major or minor in Women's Studies must meet the requirements for the Bachelor of Arts degree as described earlier in this catalog. Students should come to the WSI office to receive advisement.

Program Academic Regulations

To take WSt 4920 (Senior Research-CTW), or WSt 4950 (Internship-CTW), or WSt 4999 (Directed Readings), students must first receive approval from the Women's Studies Institute's Director of Undergraduate Studies. Students are responsible for contacting sites and arranging for their own internships. A list of internship sites is available at www.gsu.edu/womensstudies.

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 Studies

Area F: Courses Appropriate to the Major (18)

1. Required Courses (6)
   - ForL 1002 Elementary Foreign Language II (3)
   - WSt 2010 Introduction to Women's 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)
   - WSt 3010 Feminist Theories-CTW (3) ***and***
   - WSt 4920 Senior Research-CTW (3) ***or***
   - WSt 4950 Internship-CTW (3)
2. Remaining Courses in Major Field (24)
   Eight additional Women's Studies courses or courses crosslisted with Women's Studies, with at least nine hours in a single strand; these strands reflect areas of specialization within the field. Students may, if they wish, take nine hours in an additional strand, or they may choose additional WSt electives to fulfill the remaining 12 hours. Only courses with the WSt prefix count as Women's Studies courses. The strands include Sexualities, Race, Globalization, and Social Change.

Sexualities:

- WSt 3150 Sexuality and Society (3)
- WSt 3020 Introduction to Lesbian/Gay/Bisexual/Transgender Studies (3)
- WSt 3356 Queer Identities (3)
- WSt 4050 Global Perspectives on Violence against Women (3)
- WSt 4060 Sexual and Intimate Violence (3)
- WSt 4210 Gender and Power in Ethnographic Perspective (3)
- WSt 4310 Girls (3)
- WSt 4620 Psychology of Women (3)
- WSt 4780 African-American Lesbian and Gay Activism (3)
- WSt 4790 Womanism (3)
- WSt 4810 Feminism and Foucault (3)
- WSt 4820 Feminism and Queer Theory (3)
- WSt 4842 Sexuality and Nationalism (3)
- WSt 4844 Youth and Sexualities (3)
- WSt 4911 Special Topics in Sexuality Studies (3)

Race:

- WSt 3960 African-American Literature by Women (3)
- WSt 4040 Gender, Race, and Class in Complex Societies (3)
- WSt 4110 African-American Female Activism (3)
- WSt 4590 Cultural Studies of Gender (3)
- WSt 4750 Black Feminist Thought (3)
- WSt 4760 Activism: History and Theory (3)
- WSt 4780 African-American Lesbian and Gay Activism (3)
- WSt 4790 Womanism (3)
- WSt 4840 Arab and Islamic Feminisms (3)

Globalization:

- WSt 3990 Women's Literature II (3)
- WSt 4040 Gender, Race, and Class in Complex Societies (3)
- WSt 4050 Global Perspectives on Violence against Women (3)
- WSt 4110 African-American Female Activism (3)
- WSt 4210 Gender and Power in Ethnographic Perspective (3)
- WSt 4370 Women and Religion (3)
- WSt 4772 Women in Africa (3)
- WSt 4840 Arab and Islamic Feminisms (3)
- WSt 4842 Sexuality and Nationalism (3)

Social Change:

- WSt 4070 Family Violence and Criminal Justice (3)
- WSt 4110 African-American Female Activism (3)
- WSt 4440 Women in America (4)
- WSt 4510 Feminist Political Theory (3)
- WSt 4620 Psychology of Women (3)
- WSt 4650 Women in Europe since 1500 (4)
- WSt 4750 Black Feminist Thought (3)
- WSt 4760 Activism: History and Theory (3)
- WSt 4780 African-American Lesbian and Gay Activism (3)
- WSt 4790 Womanism (3)

Additional Electives:

- WSt 3000 African-American Family (3)
- WSt 3120 Families and Society (3)
- WSt 3130 Gender and Society (3)
- WSt 3140 Birth and Parenthood (3)
- WSt 3980 Women's Literature I (3)
- WSt 3995 Feminist Literary Criticism (3)
- WSt 4020 Gender in Criminal Justice (3)
- WSt 4116 Aging and Society (3)
- WSt 4130 Communication and Gender (3)
- WSt 4150 Women and Media (3)
- WSt 4360 Philosophical Perspectives on Women (3)
- WSt 4470 Visual Culture (4)
- WSt 4520 Feminism and Technology (3)
- WSt 4740 Women Artists (3)

Area H: Minor and Additional Courses

1. Students majoring in Women's Studies 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 Studies

Students choosing to minor in Women's Studies should complete 18 hours including WSt 2010, WSt 3010, and twelve additional hours of upper-division elective WSt courses. Only courses with the WSt prefix count as Women's Studies courses.

4000 College of Education

Undergraduate programs in the College of Education 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. 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.

Office of the Dean

1000 College of Education Building (10th Floor)
404/413-8100
education.gsu.edu/coe/

Randy W. Kamphaus, Dean
Gwen Benson, Associate Dean of School and Community Partnerships
Joyce Many, Associate Dean of Academic Programs
Bryan Williams, Associate Dean of Research and Scholarship
Matthew Gillett, College Administrative Officer

Accreditation

The professional education unit at Georgia State University is accredited by the National Council for Accreditation of Teacher Education (NCATE), 2010 Massachusetts Ave. NW, Suite 500, Washington, DC 30036; 202/466-7496. This accreditation covers the institution's initial teacher preparation and advanced educator preparation programs.

The Georgia Professional Standards Commission approves teacher preparation programs offered through the College of Arts and Sciences and the College of Education.

Degree Programs

Undergraduate and graduate degree programs are offered through the departments of Early Childhood Education, Kinesiology and Health, and Middle-Secondary Education and Instructional Technology. The departments of Counseling and Psychological Services, Educational Policy Studies, and Educational Psychology and Special Education offer graduate programs only.

Undergraduate degree programs for teachers of art, foreign languages, or music are offered by the College of Arts and Sciences.

College of Education Undergraduate Degrees and Majors:

1. **Bachelor of Science (B.S.)**
   - **Exercise Science**
2. **Bachelor of Science in Education (B.S.E.)**
   - **Birth Through Five**
   - **Early Childhood Education**
   - **Health and Physical Education**
   - **Middle Level Education**

Graduate programs offered through the College of Education are listed in the "General Information" section of this catalog and are described in the university's graduate catalog available on the university website at www.gsu.edu/es/catalogs_courses.html. Graduate application materials can be obtained by visiting the website for the College of Education education.gsu.edu/oaa/906.html.

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
education.gsu.edu/cuee/home.htm

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) Urban Teacher Leadership Master's Degree Program, designed to facilitate the development of teachers in urban settings who will remain in the classroom and become change agents; (3) Coalition Urban Affiliate Liaisons, meetings between College of Education 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; (4) 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; (5) 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; (6) 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; (7) 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; (8) 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 curriculums that are currently used by teachers. The director of the center is Dr. Gwen Benson.

Instructional Technology Center

2nd floor, College of Education Building
404/413-8080
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 Dr. Steve Harmon. Call the Instructional Technology Center for information and appointments or visit their website at itc.gsu.edu.

Lanette L. Suttles Child Development Center

Alumni Hall, 30 Courtland St.
404/413-8460
education.gsu.edu/coe/content/child_dev.htm

Capital Hill Childhood Enrichment

197 Decatur Rd.
404/413-8454
education.gsu.edu/coe/content/child_dev.htm

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 under the direction of the Department of Early Childhood 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
education.gsu.edu/epse/projects/speech_clinic.htm

The Speech–Language–Hearing Clinic is operated by the Department of Educational Psychology and Special Education to provide practicum and experience for students in the master's level Communication Disorders program offered through the College of Education. 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 Faculty

The faculty of the College of Education is organized into six departments. Listed below are the specific departments, their locations, telephone numbers, websites, department chairs, and faculty members who are responsible for the design and instruction of College of Education programs and courses. Also shown are the prefixes of the undergraduate courses taught by these faculty. Course descriptions appear in the "Course Descriptions" chapter of this catalog.

Department of Counseling and Psychological Services

950 College of Education Building
404/413-8010
education.gsu.edu/cps/

Faculty: Ancis, Arthur, Ashby, Brack, Cadenhead, Chang, Dew, Dixon Hill, Kamphaus, Levy, J. Meyers, Orr, Roach, Sikes, S. Truscott, Varjas, Wynne

Course prefix: CPS.

Department of Early Childhood Education

550 College of Education Building
404/413-8020
education.gsu.edu/ece/

Barbara Meyers, Chair
Faculty: Bennett, Bingham, Dangel, Dooley, Duncan, Falkenberg, Fernandes-Williams, Fisher, French-Lee, Hart, Holbrook, Howard, Jarrett, Jordan, Kesner, Kurumada, Kwon, Lemons-Smith, M. Matthews, May, Mays, B. Meyers, L. Meyers, Saxton, Schafer, L. Smith, S. Smith, Swars, Tanguay, Thornton-Reid, D.Truscott, Turner, B. Williams, Zhao

Course prefix: BRFV, ECE, EDUC.

Department of Educational Policy Studies

450 College of Education Building
404/413-8030
education.gsu.edu/eps/

Sheryl Gowen, Chair
Faculty: Berry, Boyles, Carter, Curlette, Dobbs, Esposito, Fournillier, Gagne, Gowen, Hutcheson, Kaufman, King, Lakes, Oshima, Richardson, Rogers, Tighe, B. Williams

Course prefix: EDUC, EPSF.

Department of Educational Psychology and Special Education

850 College of Education Building
404/413-8040
education.gsu.edu/epse

Peggy Gallagher, Chair
Faculty: Alberto, Benson, Commander, Easterbrooks, Ennis, Fain, Flexner, Fowler, Fredrick, Gallagher, Green, Greenberg, Heflin, Heller, Houchins, Irving, Jolivette, Kruger, Laures-Gore, Laushey, Lederberg, Leontovich, O'Rourke, Patton-Terry, Rambow, Schober-Peterson, Steed, Viel-Ruma, Wallen, Washington, Zabrucky

Course prefixes: EDUC, EPY, EXC.

Department of Kinesiology and Health

137 Sports Arena
404/413-8050
education.gsu.edu/kin/

Jacalyn Lund, Chair
Faculty: Appleberry, Brandon, Brison, Cianfrone, Doyle, Ellis, Geil, Gurewicz, Greene, Ingalls, Linens, Lund, M. Metzler, Pitts, Rupp, Shapiro, W. Thompson, S. Williams, Wu.

Course prefixes: KH

Department of Middle-Secondary Education and Instructional Technology

600 College of Education Building
404/413-8060
msit.gsu.edu/

Dana L. Fox, Chair
Mary Ariail, Associate Chair
Faculty: Albers, Ariail, Bayazit, Behm Cross, Bohan, Brown, Burns, Calandra, Chahine, Choi, Criswell, Dias, Deming, Demir, Feinberg, Flint, Fox, Harmon, Jett, Junor Clarke, Kinuthia, Lewis, Lim, Lomax, Manley, Many, Martin-Hansen, McBride, McGrail, Puvirajah, Shoffner, Stinson, Sullivan, Thomas, Tinker Sachs, Yarbrough, Yi, Zoss

Course prefixes: EDBT, EDCI, EDLA, EDMT, EDRD, EDSC, EDSS, IT, TSLE.

4020 Students' Responsibilities

Knowledge of Regulations

Students must assume full responsibility for knowledge of the policies, rules, and regulations of the College of Education 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 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. 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 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 adhere to both the University's Student Code of Conduct as described on-line at www2.gsu.edu/~wwwdos/ 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.

4030 College Academic Advisement

Academic advisors in the Office of Academic Assistance and Graduate Admissions may advise undergraduate students in the College of Education who have completed 42 hours or more and are 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
education.gsu.edu/oaa/

Nancy A. Keita, Director
Carla Woods, Senior Advisor
Cynthia Curtis, Academic Advisor
Jessalyn Murphy, Academic Advisor

The Office of Academic Assistance and Graduate Admissions exists for the benefit of College of Education students. The purposes of this office are as follows:

- To provide programs of study of each undergraduate major offered by the college;
- To indicate 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;
- To confirm eligibility for entry into teacher education;
- To assist students in course selections and schedule revisions each term;
- To explain catalog regulations;
- To administer policies for the college and the university;
- To refer students to other sources of assistance in the university;
- To receive and process applications for undergraduate teacher education programs and graduate study; and
- To assist 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 must schedule appointments a minimum of two days in advance so updated records can be provided. Office hours are 8:30 a.m. to 5:15 p.m. (M.-Th.) and 8:30 a.m. to 4:30 p.m. (F.), with extended hours to 6:00 p.m. (M.-Th.) at the start of each semester.

Teacher preparation students in the College of Arts and Sciences should contact their Office of Academic Assistance (418 General Classroom Building, 404/413-5000) for advisement.

4050 College Academic Regulations

Students may select the College of Education 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. 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 and pay an application fee. Students must also show proof of Tort liability insurance and apply for a criminal background check. Students interested in teacher education programs should refer to the "Teacher Preparation" section 1600 of this catalog or visit the College of Education Office of Academic Assistance website, education.gsu.edu/oaa/, 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 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 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. Transient approval will not be granted to take courses at Atlanta area institutions when the course is readily available at Georgia State.

The acceptance of all transient applications is subject to any limitations set by the departments or programs of study.

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 students' advisers, 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.
- has attended any semester as a transient and wishes to attend an additional term.

Application Procedures for Reentry

The Reentry Application is available online at www.applyweb.com/apply/gsure/. 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 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/es/24954.html online 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 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. Forms are available at education.gsu.edu/oaa/4205.html.

Petition for Waiver or Variance

Any student in the College of Education may petition for a waiver or variance of established policy, procedure, rule, or guideline governed by the college. 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.

NOTE: This form should be used for requests of substitutions of required courses and/or waivers of college policies governing students.

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.

College Degree Requirements

The College of Education has no additional degree requirements beyond the university academic regulations.

4050 Program Degree Requirements

Undergraduate degrees offered by the College of Education are listed in this section alphabetically by major and then by degree designation. The Bachelor of Science (B.S.) and Bachelor of Science in Education (B.S.E.) majors are listed, followed by nondegree, 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 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.

4110 Birth Through Five

Program Offered:

1. **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 Education
550 College of Education Building
404/413-8020
ecemail@langate.gsu.edu

Barbara Meyers, Chair

Program Theme: Educators as providers of high quality early care and learning experiences:

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 Five (B-5) 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 Basic Skills Assessment or demonstrate an exemption upon application to an initial educator preparation program. The current options for satisfying the Basic Skills Assessment, including the exemptions, are outlined at www.gapsc.com/documentation/basicskillsinfo.asp. Under "Basic Skills Testing," go to "Options to Satisfy the Basic Skills Requirement";
- 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 consent to a criminal background check;
- 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 Education web site at education.gsu.edu/ece/index.htm.

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.

Tort liability and criminal background check requirement**:** all students must show proof of tort liability insurance and consent to a criminal background investigation prior to any field experience.

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 (IT 2210 recommended) and by demonstrating competency on designated assignments embedded in the program of study.

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 Education web site at education.gsu.edu/ece/index.htm.

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 2300 Introduction to Child Development (3)
- EDUC 2152 Birth and Parenthood (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):

- IT 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 4661 Student Teaching (9-12)

Students must post passing scores on the appropriate GACE Content Assessment in order to be recommended by Georgia State University for clear, renewable certification. (see www.gace.nesinc.com for more information).

Total Program: minimum of 120-126 semester hours

4120 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-5) Dual Certification**

Additional Teacher Education information is found in section 1600 of the catalog.

Department of Early Childhood Education
550 College of Education Building
404/413-8020
ecemail@langate.gsu.edu

Barbara Meyers, Chair

Program Theme: Educator as Facilitator

The B.S.E. major in Early Childhood Education prepares teachers to work in classrooms with children in pre-kindergarten through fifth grade. 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 and musical arts within the context of specific content area methods courses. The broad and extensive field-based experiences effectively develop candidates' knowledge and ability to select and implement developmentally appropriate resources and activities for teaching and learning in diverse settings. 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 P-5 and Special Education.

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 Basic Skills Assessment or demonstrate an exemption upon application to an initial educator preparation program. The current options for satisfying the Basic Skills Assessment, including the exemptions, are outlined at www.gapsc.com/documentation/basicskillsinfo.asp. Under "Basic Skills Testing," go to "Options to Satisfy the Basic Skills Requirement";
- students must have successfully completed all courses in Area A-F;
- students must consent to a criminal background check;
- students must submit proof of tort liability; 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 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, 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. 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.

Tort liability and criminal background check requirement: all students must show proof of tort liability insurance and consent to a criminal background investigation prior to any field experience.

Program Degree Requirements

B.S.E. students are required to meet the Georgia 2006 Technology Proficiency Requirement. Students enrolled in the Department of Early Childhood 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.

Students seeking certification from the State of Georgia Professional Standards Commission are required to pass the GACE Basic Skills Assessment (or provide an exemption) and GACE Content Assessment in Early Childhood Education. The current options for satisfying the Basic Skills Assessment, including the exemptions, are outlined at www.gapsc.com/documentation/basicskillsinfo.asp**.** Under "Basic Skills Testing," go to "Options to Satisfy the Basic Skills Requirement."

Students must post passing scores on the appropriate GACE Content Assessment in order to be recommended by Georgia State University for clear, renewable certification. 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.

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 & Contemporary Issues in Education (3)
- EDUC 2120 Exploring Socio Cultural Perspectives on Diversity (3)
- EDUC 2130 Exploring Teaching & Learning (3)
- ISCI 2001 Life/Earth Science (3)
- ISCI 2002 Physical Science (3)
- MATH 2008 Foundations of Numbers and Operations (3)

Area G. Major Courses (54)

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 Education provides a program manual describing course requirements and expectations.

*One asterisk indicates courses required exclusively for the ECE P-5 concentration with an endorsement to teach English to Speakers of Other Languages (ESOL)

**Two asterisks indicate courses required exclusively for special education (EXC) concentration

Block 1: Required concurrently (15):

- ECE 3021 Child Development (3)
- ECE 3255 ESOL: Cultural Foundations (3)
- ECE 3600 Language and Literacy (3)
- ECE 3661 Classroom Management in Early Childhood Education Field Experience I (3)
- *EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)

Block 2: Required concurrently (15):

- ECE 3601 Reading and Language Arts in Early Childhood Education I-CTW (6)
- ECE 3606 Science and Inquiry in Early Childhood Education (3)
- ECE 3607 Mathematics Methods in Early Childhood Education (3)
- ECE 3662 Classroom Management in Early Childhood Education Field Experience II (3) *[Students must earn a grade of "B" or higher in ECE 3663.]*

Block 3: Required concurrently (12-15):

- ECE 3360 Assessment of Classroom Learning in Early Childhood Education (3)
- ECE 3440 ESOL: Curriculum and Instruction (3)
- ECE 3602 Reading and Language Arts in Early Childhood Education II (3)
- ECE 3605 Social Studies Methods in Early Childhood Education (3)
- ECE 3663 Classroom Management in Early Childhood Education Field Experience III (3)

Students must earn a grade of "B" or higher in ECE 3663 or EXC 4570)

Required prior to Area H (9 hours of Mathematics Courses):
Students may take any 3000-level or higher MATH-prefix courses, but the department recommends:

- MATH 3050 Geometry and Spatial Sense (3) (MATH 2008 is a prerequisite for this course)
- MATH 3070 Introduction to Probability and Statistics I (3) (MATH 2008 is a prerequisite for this course)
- MATH 3090 Algebraic Concepts (3) (MATH 2008 is a prerequisite for this course)

Select one (3):

- AE 2300 Art and Music for Early Childhood (3)
- MUS 2300 Art and Music for Early Childhood (3)

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 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.

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 & Contemporary Issues in Education (3)
- EDUC 2120 Exploring Socio Cultural Perspectives on Diversity (3)
- EDUC 2130 Exploring Teaching & Learning (3)
- ISCI 2001 Life/Earth Science (3)
- ISCI 2002 Physical Science (3)
- MATH 2008 Foundations of Numbers and Operations (3)

Area G. Major Courses (54)

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 Education provides a program manual describing course requirements and expectations.

BLOCK 1:
Required concurrently (15):

- ECE 3021 Child Development (3)
- ECE 3255 ESOL: Cultural Foundations (3)
- ECE 3600 Language and Literacy (3)
- ECE 3661 Classroom Management in Early Childhood Education Field Experience I (3)
- EXC 4010 Characteristics of Students with Disabilities (3)

BLOCK 2:
Required concurrently (15):

- ECE 3601 Reading and Language Arts in Early Childhood Education I-CTW (6)
- ECE 3606 Science and Inquiry in Early Childhood Education (3)
- ECE 3607 Mathematics Methods in Early Childhood Education (3)

- ECE 3662 Classroom Management in Early Childhood Education Field Experience II (3)

BLOCK 3:
Required concurrently (12):

- ECE 3602 Reading and Language Arts in Early Childhood Education II (3)
- ECE 3605 Social Studies Methods in Early Childhood Education (3)
- EXC 4560 Educational Evaluation of Students with Disabilities (3)
- EXC 4570 Individual and Classroom Management (3) [Students must earn a grade of “B” or higher in EXC 4570.]

Required prior to Area H (9 hours of Mathematics Courses):

Students may take any 3000-level or higher MATH-prefix courses, but the department recommends:

- MATH 3050 Geometry and Spatial Sense (3) (MATH 2008 is a prerequisite for this course)
- MATH 3070 Introduction to Probability and Statistics I (3) (MATH 2008 is a prerequisite for this course)
- MATH 3090 Algebraic Concepts (3) (MATH 2008 is a prerequisite for this course)

Select one (3):

- AE 2300 Art and Music for Early Childhood (3)
- MUS 2300 Art and Music for Early Childhood (3)

Area H. Student Teaching (15)

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 (15):

- ECE 4650 Opening School Experience (0) [Required to successfully complete during the first fall semester preceding student teaching.]
- ECE 4661 Student Teaching (9)
- EXC 4590 Functional and Social Methods for Students with Behavior/Learning Disabilities (3)
- EXC 4671 Educational Partnerships and Practicum II: Special Education General Curriculum: Consultative (3)

Students must post passing scores on the appropriate GACE Content Assessments in order to be recommended by Georgia State University for clear, renewable certification.

Total Program: minimum of 129 semester hours

4100 Exercise Science

Program Offered:

1. **Bachelor of Science in Exercise Science**

Department of Kinesiology and Health
Sports Arena
404/413-8050
education.gsu.edu/kin/index.htm

Jacalyn Lund, Chair

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

There are no admission requirements specific to the Bachelor of Science program. However, students are required to meet all university and college admission requirements.

Program Financial Information

Lab fees are associated with several courses within the Bachelor Science in Education degree. In addition, B.S. majors must pay all tuition and fees charged by the university and the college.

Program Academic Regulations

Students may not register in the following upper-level courses offered by the Department of Kinesiology and Health if their cumulative grade point average is below 2.50: KH 3500 Athletic Training, KH 3550 Evaluation and Instrumentation in Exercise Science, KH 4280 Psychology of Physical Activity, KH 4290 Cardiopulmonary Physiology, KH 4300 Neuromuscular Physiology and Plasticity, KH 4350 Fitness Program Management, KH 4360 Clinical Exercise Physiology, KH 4600 Advanced Biomechanics for Exercise Science, and KH 4630 Fitness Assessment and Exercise Prescription.

Students should be aware of the following information and responsibilities:

- This regulation will apply in early registration if the current cumulative GPA is below 2.50.
- Students who register for the specified 3000/4000-level KH courses in early registration but whose cumulative GPA falls below 2.50 at the end of the semester must amend their next semester's schedule in regular or late registration. The 3000/4000-level KH course(s) must be dropped. The department's expectation is that students will act in a responsible manner in abiding by this regulation of the KH faculty.
- Students in their first semester at Georgia State are not affected by this regulation for that semester only.
- Having only the specified 3000/4000-level KH courses remaining for degree credit is not justification for an exception to this regulation. The department encourages students to put forth their maximum effort throughout their academic career at Georgia State if they wish to avoid the time and expense involved in taking courses that do not count for degree credit.

When this situation occurs, however, it is the department's position that students can always benefit from any course taken regardless of whether the course is part of the students' program of study.

A grade of "C" or higher is required in all courses in Area G. A grade of "S" is required in all courses in Area H.

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.

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)
- IT 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)

"C" or higher grade required for the remainder of the program.

Area G. Major Courses (54)

A grade of "C" or higher is required in all courses in Area G.

Required (47):

- 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 3500 Athletic Training and Conditioning (4)
- KH 3550 Evaluation and Instrumentation in Exercise Science (3)

- KH 3600 Biomechanics (3)
- KH 3650 Physiology of Exercise-CTW (4)
- 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 (4)
- KH 4360 Clinical Exercise Physiology (4)
- KH 4600 Advanced Biomechanics for Exercise Science (3)
- KH 4630 Fitness Assessment and Exercise Prescription (3)
- NUTR 4960 Nutrition and Physical Fitness (3)

Electives (6):
Select two or more:

- BIOL 2240-2250 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)
- 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.

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:

1. **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
education.gsu.edu/kin/index.htm

Jacalyn Lund, Chair

Program Theme: Teaching for Learning

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 Basic Skills Assessment or demonstrate an exemption upon application to an initial educator preparation program. The current options for satisfying the Basic Skills Assessment, including the exemptions, are outlined at www.gapsc.com/documentation/basicskillsinfo.asp. Under "Basic Skills Testing," go to "Options to Satisfy the Basic Skills Requirement";
- students must consent to a criminal background check;
- 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 application is 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

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.

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.

Tort liability insurance and criminal background check requirement: all students must show proof of tort liability insurance and consent to a criminal background investigation 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 education.gsu.edu/oaa/field_placement.htm.

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 Basic academic skills tests in Reading, Mathematics, and Writing, or proof of eligibility for exemption based on SAT, ACT, PRAXIS I, or GRE scores.
4. Have a grade point average of no less than 2.5 (includes GSU and any transfer credit).
5. Complete a departmental interview and writing sample. (Will be scheduled by department after application deadline)
6. Complete a criminal background check and show proof of tort liability insurance (See education.gsu.edu/oaa/field_placement.htm)

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)

Total Program: minimum of 125 semester hours

4140 Middle Level Education (B.S.E.)

Program Offered:

1. **Bachelor of Science in Education in Middle Level Education**
   Additional Teacher Education information is found in section 1600 of the catalog.

Department of Middle-Secondary Education and Instructional Technology
600 College of Education Building
404/413-8060
msit.gsu.edu

Dana L. Fox, Chair

Program Theme: Teacher as Facilitator of Learning in a Supportive Environment

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, or social studies), and they are able to construct and implement interdisciplinary instruction creatively.

Successful completion of this program and the appropriate GACE Content Assessment tests leads to a recommendation for licensure for grades four through eight in the two areas of concentration.

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 1102k or BIOL 1103K and BIOL 1104K. Students who choose Social Studies as an area of concentration are encouraged to choose GEOG 1112 and 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:** English 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 1104 K 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 semester hours)

Students must apply for teacher education prior to beginning coursework in G.3 (Pedagogical Knowledge) of their program. 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 Basic Skills Assessment or demonstrate an exemption upon application to an initial educator preparation program. The current options for satisfying the Basic Skills Assessment, including the exemptions, are outlined at www.gapsc.com/documentation/basicskillsinfo.asp. Under "Basic Skills Testing," go to "Options to Satisfy the Basic Skills Requirement";

- students must have successfully completed Areas A through F of the program of study;
- students must have successfully completed at least 18 of the 24 hours in Area G.1 Content Concentration courses (at least 9 hours in each concentration); and
- students must have successfully completed all Area G.2 Core Knowledge courses

1. Content Concentrations for Middle Level Education (24)
   In consultation with their advisors, students select two areas of concentration from among language arts, mathematics, reading, science, and social studies. Each area of 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.
   - Language Arts Concentration (12)
     - 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)
       - (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)
       - (Another course may be selected with consent of advisor.)
     - *Language*
       Select one (3):
       - AL 3021 Introduction to Linguistics (3)
       - AL 3031 English Grammar in Use (3)
       - ENGL 3105 Practical Grammar (3)
       - ENGL3190 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 3550 Oral Techniques of Group Decision Making (3)
       - SPCH 3750 Intercultural Communication (3)
       - SPCH 4500 Visual Communication (3)
       - (Another course may be selected with consent of advisor.)
   - Mathematics Concentration (12)
     - 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)
        - (Another course may be selected with consent of advisor.)
- Reading Concentration (12)
    - Required (9)
        - 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.)
    - Select one (3)
        - AL 3021 Introduction to Linguistics (3)
        - AL 3031 Language in Society (3)
        - AL 3101 English Grammar in Use (3)
        - (Another course may be selected with consent of advisor.)
- 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.)
- Core Knowledge for Middle Level Education (12)

  Students must earn a grade of “B” or higher in each course used to fulfill Area G.2 requirements.

  Required (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)
  - IT 3210 Teaching, Learning, and Technology Integration (3)
- Pedagogical Knowledge (12)

  Students must earn a grade of “B” or higher in each course used to fulfill Area G.3 requirements.

  Students must complete the majority of their Content Concentrations (at least 9 of 12 hours in each concentration) and their Core Knowledge concentration prior to enrolling in the pedagogical knowledge courses. These courses must be taken concurrently.
  - Required (6):
    - EDCI 4600 Practicum (3)
    - EDRD 4600 Reading and Writing in the Content Areas-CTW (3)
  - Select two (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.2 and Area G.3 with a grade of “B” or higher to be authorized to enroll in Area H courses.

Students must earn a grade of “B” or higher in each course used to fulfill Area H requirements.

Required (12):

- EDCI 4640 Critical Issues in Middle Grades Education-CTW (3)
- EDCI 4700 Student Teaching in Middle Grades (9)

Exit Criteria:

- Successful completion of all program coursework.
- Successful completion of professional portfolio.

Total Program: minimum of 120 semester hours

4200 Minor in Urban Education

The minor in urban education provides undergraduate students with knowledge and experiences in urban education. Students select from course experiences offered from across departments in the College of Education. The minor must consist of 15-18 hours of coursework as outlined below with at least 9 hours at 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

Required: (6 hrs)

- EDUC 3010 Introduction to Urban Education (3)
- EDUC 4660 Field Based Research in Urban Education (3)

Select one: (3 hrs)

- EDCI 4810 Directed Readings in Teaching and Learning (3)
- EDUC 2110 Investigating Critical and Contemporary Issues in Education (3)
- EDUC 2120 Exploring Sociocultural Perspectives on Diversity in Educational Contexts (3)
- EDUC 4982 Undergraduate Research in Urban Education (3)

Select two to three: (6-9 hrs)

- ECE 3010 Introduction to Early Childhood Education (3)
- EDCI 3250 Introduction to Teaching in Secondary Schools (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 4982 Undergraduate Research in Urban Education (3)
- ELMT 2100 Information Literacy for the Digital Age (3)
- EPY 3010 Learning, Memory, and Cognition in the Real World (3)
- EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)
- IT 3210 Teaching, Learning, and Technology Integration (3)

Students who have questions regarding the Minor in Urban Education may contact the College of Education's Office of Academic Assistance at 404/413-8000.

4300 Certification Only Programs

4300.10 Initial Certification Special Education

Special Education General Curriculum: Consultative

Department of Educational Psychology and Special Education
850 College of Education Building, 404/413-8040
education.gsu.edu/epse/

Peggy Gallagher, Chair

This is an initial certification program for students in an undergraduate degree program at Georgia State University that has a cooperative dual certification agreement with the Department of Educational Psychology and Special Education. Students seeking admission to this initial certification program, must have a minimum cumulative GPA of 2.5 and have passing scores on the GACE Basic Skills Assessment (see www.gace.nesinc.com for more information) or demonstrate an exemption. The current options for satisfying the Basic Skills Assessment, including the exemptions, are outlined at www.gapsc.com/documentation/basicskillsinfo.asp**.** Under "Basic Skills Testing," go to "Options to Satisfy the Basic Skills Requirement."Undergraduate students at Georgia State University must meet the requirements jointly set by their major department and the Department of Educational Psychology and Special Education.

Students who do not satisfactorily pass a course 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 4580 Instructional Methods for Students with Behavior Learning Disabilities (3)
- EXC 4590 Functional and Social Methods for Students with Behavior Learning Disabilities (3)
- 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

4300.15 Initial Certification (Trade and Industry)

Trade and Industrial Education

Health Occupations Education Certification

Department of Middle-Secondary Education and Instructional Technology
600 College of Education Building, 404/413-8060
msit.gsu.edu

Dana L. Fox, Chair

The department offers undergraduate courses to allow individuals from specific areas of health, industry, and information technology to become teachers at secondary schools based on occupational experience in the field and the minimum educational level required for the field. Applicants to this program have qualified for the initial Technical Specialist teaching certificate in Georgia and are required to complete an approved program for the professional renewable certificate. These programs lead to initial certification only.

Successful completion of the following courses qualifies a person for the NT- or T-level certificate, depending upon the current level of certification. The program presupposes certification at least at the provisional level. 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. Students must present passing scores on the GACE Basic Skills Assessment or demonstrate an exemption upon application to the program. The current options for satisfying the Basic Skills Assessment, including the exemptions, are outlined at www.gapsc.com/documentation/basicskillsinfo.asp. Under "Basic Skills Testing," go to "Options to Satisfy the Basic Skills Requirement."

Contact the Department of Middle-Secondary Education and Instructional Technology (404/413-8060) for additional information or check out the program web site at msit.gsu.edu/1472.html.

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 offers the following graduate degree programs:

Master of Arts in Teaching:

- English Education
- Mathematics Education
- Middle Level Education (with concentrations in Language Arts and Social Studies or Mathematics and Science)
- Reading, Language, and Literacy Education (with a concentration in English to Speakers of Other Languages)

- Science Education
- Social Studies Education

Master of Education:

- Behavior/Learning Disabilities
- Communication Disorders
- Early Childhood Education (with concentrations in Collaborative and Mathematics)
- Early Childhood Education — Urban Accelerated Certification and Master's Program
- Educational Leadership
- English Education
- Health and Physical Education
- Mathematics Education
- Middle Level Education (with concentrations in Health, Language Arts, Mathematics, Reading, Science, Social Studies)
- Multiple and Severe Disabilities [with concentrations in Adapted Curriculum (Mental Retardation); 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 (with concentrations in Reading Instruction, Early Literacy, Teaching English as a Second Language)
- School Counseling (with concentrations in Elementary/Middle Grades School Counseling, Secondary School Counseling)
- School Psychology
- Science Education
- Social Studies Education

Master of Science:

- Educational Psychology
- Educational Research
- Exercise Science (with concentrations in Fitness and Health Promotion, Exercise Physiology, Biomechanics)
- Instructional Design and Technology
- Mental Health Counseling
- Rehabilitation Counseling
- Social Foundations of Education
- Sports Administration
- Sports Medicine

Specialist in Education:

- Early Childhood Education
- Educational Leadership
- School Counseling
- School Psychology

Doctor of Philosophy:

- Counseling Psychology
- Counselor Education and Practice
- Early Childhood Education
- Education of Students with Exceptionalities (with concentrations in Autism Spectrum Disorders, Behavior Disorders, Communication Disorders, Early Childhood Special Education, Learning Disabilities, Mental Retardation, Physical and Health Disabilities (Orthopedic Impairments), Sensory Impairments)
- 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, and Exercise Psychology)
- School Psychology
- Teaching and Learning (with concentrations in Art Education, Language and Literacy, Mathematics Education, Music Education, Science Education, Social Studies Education)

Information concerning the graduate programs is contained in the university's Graduate Catalog and is available on the Internet at education.gsu.edu 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 School of Health Professions

Undergraduate programs in the College of Health and Human Sciences are described in detail in this chapter. See subsections for specific program information as well as policies and procedures.

5010 General Information

The School of Health Professions is committed to the preparation of professionals in the areas of Nutrition, Physical Therapy. The graduate programs build on undergraduate education and prepare the students for advanced practice, research, and leadership. 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 both full-time and part-time students and to 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 Director

1228 Urban Life Building
404-413-1225

Lynda Goodfellow, School Director

5010.30 Accreditation

The Doctor of Physical Therapy (DPT) degree program is accredited by the Commission on Accreditation in Physical Therapy Education. The Dietetic Internship Certificate program is accredited by the Commission on Accreditation for Dietetics Education (CADE) of the American Dietetic Association. . The Integrated Program (IP) in the Division of Respiratory Therapy leading to the Master's of Health Sciences with a concentration in Respiratory Therapy is accredited for entry into the profession of respiratory care by the Committee on Respiratory Care Education (CoARC).

5010.40 Degree Programs

The School of Health Professions offers a Bachelor of Science degree with majors in nutrition and dietetics, and respiratory therapy.

5010.70 Admission to Professional Programs

Acceptance to Georgia State University into one of the majors in the School of 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 nutrition and respiratory therapy.

The professional programs in nutrition and respiratory therapy begins annually in the fall semester only. Admission to these programs are 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 nutrition and respiratory therapy take one year of biology and one year of chemistry in high school.

Applicants for admission to the professional programs in nutrition and respiratory therapy 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 and human sciences 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 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 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 is determined by the Undergraduate Admissions Office, the Student Advisement Center, the School of Health Professions, and, if appropriate, the division concerned. 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 Health Professions.

5020.20 Credit for Transient Work

Students in the School of Health Profession who wish to take course work at another college must have prior written approval from the School of Health Professions Administrative Office if they wish to apply that credit to a degree program. The student must be in good academic standing at Georgia State University. Transient approval will not be granted to take courses at Atlanta-area colleges when the course is readily available at Georgia State. 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 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 Health Professions does not grant special consideration or waiver of any degree completion requirements, including placement in a clinical setting.

Please note that some majors must complete a clinical program, field experience or internship during their program. Some students will be placed with a field placement agency or 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, field experience or internship.

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, school or division, or by written petition filed through the School of Health Professions Administrative Office 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 Health Professions does not guarantee licensure, certification, or employment in the relevant occupation.

5030 Degree Requirements

The undergraduate program in the School of Health Professions 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 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 D: Science, Mathematics and Technology:

It is strongly recommended that nutrition and respiratory therapy majors take Chem 1151K and 1152K.

5040 Academic Advisement

The School of 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. All students with 41 hours or less are advised by the University Student Advisement Center http://www.gsu.edu/success/advisement.html . All students with 42 or more hours are advised by professional advisors located in the School of Health Professions Administrative Office.

5050 Student Complaints, Petitions for Policy Waivers and Variances, and Appeals

The appeals procedure for students in the School of 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/es/24954.html online for details.

5060 Honors and Awards

Daniel J. Sansone Memorial Scholarship: this award was created in memory of Daniel Sansone, son of Joseph Sansone, founder and CEO of Pediatria Healthcare, LLC. The award is given to an undergraduate student interested in pediatric nursing or respiratory therapy.

Johnnie W. Prothro Academic Excellence Award: This award is given to an undergraduate nutrition student who has achieved a high level of academic excellence in the nutrition program. The faculty in the Division of Nutrition selects the recipient who receives a gift certificate for book purchase.

Marshall L. Bowie College of Health and Human Sciences Scholarship: Two scholarships are awarded to students enrolled in the Brydine F Lewis School of Nursing and the School of Health Professions based on academics, community services, and involvement in their respective schools and Georgia State University.

Northside/St. Joseph's Hospital Scholarships for Respiratory Therapy students: Two scholarships, one based on need and the other based on merit are awarded to junior and/or senior respiratory therapy students

Respiratory Therapy Academic Achievement Award: This award is given to the graduating senior with the highest grade point average achieved in the respiratory therapy program.

Respiratory Therapy Clinical Excellence Award: the faculty in the Division of Respiratory Therapy gives this award to the graduating senior who has displayed outstanding performance in his or her clinical rotations.

Respiratory Therapy Faculty Recognition Award: This award, sponsored by Respironics, Inc., is for a graduating senior in the respiratory therapy program. The award is intended to recognize the student who, in the opinion of the faculty of the Division of Respiratory Therapy, exhibits a positive professional attitude and a willingness to serve the needs of classmates, the community, and the profession of respiratory therapy.

Honors

The divisions in the School of Health Professions may award honors. Criteria for honors are listed below:

1. Students must be recommended and approved by a school or 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.

5130 Nutrition

Program Offered:

1. B. S. in Nutrition

Division of Nutrition
School of Health Professions
862 Urban Life Building
404/413-1225

Dan Benardot, Division Head
Barbara Hopkins, Director, Didactic Program in Dietetics

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 dietetic internship. The program is accredited by the Commission on Accreditation for Dietetics Education of the American Dietetic Association (CADE), 120 South Riverside Plaza, Chicago, IL 60606, 312/899-5400. Graduates of the DPD are eligible for any dietetic internship accredited by the CADE, which is required to take the national examination to become a registered dietitian. An accredited pre-professional practice program is also available in the Division of Nutrition. Contact the division for more information about the pre-professional practice 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

Upon completion of the requirements for the Didactic Program in Dietetics (DPD), the graduate will:

1. Possess a broad educational background in the physical, biological, social, and communication sciences, along with advanced knowledge in the areas of food and nutrition as evidenced by successful completion of courses in the curriculum;
2. Have the comprehensive background needed to successfully complete a supervised practice experience (DI) and the registration examination as evidenced by supervised practice placements and pass rates on the registration examination for dietitians;
3. Have the didactic knowledge necessary to become competent, entry-level dietitians who can function in a variety of settings as evidenced by job placement and pass rates on the registration examination for dietitians; and
4. Have the ability to effectively use resources and apply research principles to investigate and resolve issues related to the dietetics field as evidenced by problem-solving and critical thinking skills.

Program Admission

The DPD, because of its professional nature, has more stringent admission requirements than those of Georgia State University. Students will be formally admitted into the DPD program for the nutrition degree at the beginning of the fall semester of the junior year.

Admission to the DPD requires completion of prerequisite courses and an application to the division. Application packets are available in February of each year and must be returned to the School of Health Professions Administrative Office for review. Applications will be reviewed throughout the year for applicants who have met prerequisite requirements. March l 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 2.75 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.

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 2.5 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 2.5 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

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 strongly recommended 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)
- Electives Advisor-Approved Electives (6)
- or
- Biol 1103K Introductory Biology I (4)
- Biol 1104K Introductory Biology II (4)
- Biol 2240 Human Physiology (3)
- Biol 2300 Microbiology and Public Health (3)
- Biol 2310 Microbiology and Public Health Lab (1)
- Elective Advisor-Approved Elective (3)

Area G: Major (60)

Required Courses (54)

- 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 4950 Senior Seminar (3)
- Nutr 4990 Entrepreneurial Nutrition (3)
- HADM 3401 Principles of Food Production (2)
- HADM 3402 Food Production Lab (1)
- HADM 3420 Hospitality Human Resources Management (3)
- SHP 3400 Spanish for Health and Human Sciences (3)
- MGS 3400 Managing People in Organizations (3)

Nutrition Electives (6) Choose two courses:

- Nutr 3170 Food Safety and Sanitation (3)
- Nutr 3810 Interpretation of Laboratory Values (3)
- Nutr 4960 Nutrition and Physical Fitness (3)
- Nutr 4970 Nutrition and the Media (3)
- SHP 3010 Advanced Medical Terminology (3)
- SHP 4200 Health and the Older Adult (3)

Total Program Hours Required: a minimum of 120 semester hours

5140 Respiratory Therapy

Program Offered:

1. **B.S. in Respiratory Therapy**

Advanced Standing Degree in Respiratory Therapy (A.S. to B.S Bridge)
Division of Respiratory Therapy
School of Health Professions

1228 Urban Life Building
404/413-1255

Lynda T. Goodfellow, School Director and Division Head
Robert Pettignano, MD, Medical Director

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 Division 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 Division 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).

Program Admission

Admission to the Division 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 Division 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 Division of Respiratory Therapy is limited and, therefore, early application is advisable. The application deadline is March 15 preceding 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. Bridge Program

The Division 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 and credit for professional credentials. The department maintains a philosophy of educational flexibility to meet the needs of the profession.

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.

Program Financial Information

During the junior year, students can expect to pay approximately $750 for uniforms, stethoscopes, student liability insurance, and books. In the senior year, expenses are estimated at approximately $1200. This includes books and expenses related to 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.

Although respiratory therapy courses are intended to be taken by students majoring in the Division of Respiratory Therapy, selected courses may be taken by non-majors with written permission of the instructor of each course and the division head. 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: Chemistry 1151K and 1152K are strongly recommended as the lab science sequence.

Area F: Courses Related to the Program of Study (18)

- Biol 1110K & 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 (3)
- RT 4085 Professional Practice: From Contemporary Trends to Extended Long-term Care (3)
- 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)
- SHP 3000 Communication/Cultural Diversity (3)

Total Program Hours Required: a minimum of 127 semester hours

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

H. Fenwick Huss, Dean
Irene Duhaime, Senior Associate Dean
Jane F. Mutchler, Associate Dean for Academic Planning and Programs
David Forquer, Assistant Dean for Executive Programs
Ralph E. Kahlan, Assistant Dean for Administration and Finance

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, the Regents' Test, 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 the Office of Undergraduate Academic Assistance 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.

Students may not register for Acct 2102 until the first course in the given paired sequence is passed with degree credit (i.e., a grade of C or higher).

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, regardless of degree program or status, may not enroll in upper-level courses (those numbered 3000-4999) offered by the Robinson College of Business if their cumulative Georgia State University grade point average is below 2.50. Students should be aware of the following information and responsibilities:

- This regulation will apply in early registration if the current cumulative Georgia State GPA is below 2.50.
- Students who register for 3000/4000-level RCB courses in early registration but whose cumulative GPA falls below 2.50 at the end of the semester must amend their next semester's schedule in regular or late registration. The 3000/4000-level RCB course(s) must be dropped. The college's expectation is that students will act in a responsible manner in abiding by this regulation of the RCB faculty.
- Students in their first semester at Georgia State are not affected by this regulation for that semester only.
- Having only 3000/4000-level RCB courses remaining for degree credit is not justification for an exception to this regulation. The college encourages students to put forth their maximum effort throughout their academic career at Georgia State if they wish to avoid the time and expense involved in taking courses that do not count for degree credit. When this situation occurs, however, it is the college's position that students can always benefit from any course taken regardless of whether the course is part of the students' program of study.

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, and Math 1070 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, 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.

** 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.

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/academic/ouaa/index.html

M. Colleen Joyce, Director
Joyce A. Cox, Senior Undergraduate Advisor
Jessica Obenschain, Academic Advisor

Students should regularly consult the following 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: robinson.gsu.edu/academic/ouaa/updates.html.

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 works 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 are advised 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. 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 as described in the preceding section. Advisement from this office 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 Hopkins, Career Counselor, jhopkins@gsu.edu, Undergraduate business students in Computer Information Systems, Hospitality, Managerial Sciences, and Marketing.

Roslyn Davis, Career Counselor, cfreeman@gsu.edu, Undergraduate business students in Accounting, Business Econimics, Accounting, 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 or visit www.gsu.edu/es/24954.html online 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

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 2105 Principles of Macroeconomics
- Acct 2101 Principles of Accounting I
- BusA 3000 Globalization and Business Practices
- Plus two additional three-hour courses of the student's choice.

Spring Semester:

- Econ 2106 Principles of Microeconomics
- Acct 2102 Principles of Accounting II
- BusA 2106 Legal Environment of Business
- Plus two additional three-hour courses of the student's choice.

For questions, phone (404/413-7555) or Email Dr. Marta Szabo White (mwhite@gsu.edu), BLC Faculty Adviser and Assistant Professor of Managerial Sciences.

7090 Departments and Faculty

School of Accountancy

5th floor, Robinson College of Business Building,
404/413-7200

Galen R. Sevcik, Director
Siva Nathan, Undergraduate Program Coordinator
Faculty: Borthick, Brown, Domino, Clark, Fenn, Hannan, Huss, Joe, Luippold, Mitchell, Mutchler, Nathan, Pinello, Ransopher, Richards, Sargent, Sevcik, Sriram, Tafkov

Department of Computer Information Systems

9th floor, Robinson College of Business Building
404/413-7360
cis.gsu.edu/

Ephraim R. McLean, Chair
Carl Stucke, Associate 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

Mary Beth Walker, Chair
Shelby Frost, Director of Undergraduate Studies

Department of Finance

12th floor, Robinson College of Business Building
404/413-7310, Fax: 404/413-7312
robinson.gsu.edu/finance

Gerald D. Gay, Chair
Faculty: Agarwal, Ashraf, Brown, Chen, Eisemann, Fendler, Gay, Godbey, Huang, Kale, Kini, Mahani, Mettler, Owers, Ruff, Ryan, Shrikhande, Yang

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

Debra F. Cannon, Director
Faculty: Barber, Cannon, Ferreira, Johanson, Pavesic, Robbe

Institute of International Business

Suite 1430 Robinson College of Business Building
404/413-7275

S. Tamer Cavusgil, Director
Faculty: Arikan, Boers, Bruce, Carrillo, Cavusgil, Doria, Danis, Fazlollahi, Kim, Liu, Loch, Senn

Department of Managerial Sciences

10th floor, Robinson College of Business Building
404/413-7525

Todd Maurer, Chair
William C. Bogner, Associate Chair
Faculty: Arikan, Barr, Bogner, Bunch, Butler, Dhawan, Duhaime, Forquer, Gregoire, Henley, Kaufman (joint appt.), Lambert, Levine, Maurer, McClurg, Miles, Nag, Nargundkar, Palladi, Park, Rai (joint appt.), Reilly, Robey (joint appt.), Samaddar, Srivastava, Tepper, Thachenkary, Turner, Wallace, Whalen, White, Xia, Zhang

Department of Marketing

13th floor, Robinson College of Business Building
404/413-7650

Naveen Donthu, Chair
Faculty: Barksdale, Bellenger, Bello, Bernhardt, Blakely, Boles, Costello, Curasi, Dadzie, Donthu, Ellen, Eroglu, Hawley, Heuring, Johnston, Kumar, Langford, Lemley, Lohtia, Moschis, Nasser, Pilling, Rigdon, Shah, Thornton, Verhage, Walgren, White, Willis, Wysor

Department of Real Estate

14th floor, Robinson College of Business Building
404/413-7720

Julian Diaz III, Chair
Faculty: Diaz, Gallimore, Gibler, Rabianski, Ziobrowski

Department of Risk Management and Insurance

11th floor, Robinson College of Business Building
404/413-7500
www.rmi.gsu.edu

Richard D. Phillips, Chair
Faculty: Bauer, Binder, Brown, Ciccotello, Custer (joint appt.), Grace, Harrison, Klein, Liu, Luger (joint appt.), Mansfield, Nishiyama, Palmer, Phillips, Sherman, Sotomayor, Subramanian, Ulm, Wang, 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

Siva Nathan, Undergraduate Program Coordinator

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. Students are advised to take Acct 4111 and Acct 4210 in the same semester.
- 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**
3. **Certificate in Information Systems**

9th floor, Robinson College of Business Building
404/413-7360
cis.gsu.edu/

Ephraim R. McLean, Chair
Carl Stucke, Associate 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 www2.cis.gsu.edu/cis/HealthInfo/index.asp.

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 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 three additional CIS courses.

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 www2.cis.gsu.edu/cis/program/CISUGTrackView.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 **www2.cis.gsu.edu/cis/program/syllabus/index.asp**.

Other Requirements: (1) Students may take CIS 4970 or CIS 4980 only after completion of all required 3000-level business core and CIS courses. (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 coordinates a limited number of internships for undergraduate CIS majors. These internships are with Georgia organizations and are subject to availability. For information and an application form, please visit www2.cis.gsu.edu/cis/internship/index.asp.

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, see www2.cis.gsu.edu/cis/HealthInfo/index.asp.

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 www2.cis.gsu.edu/cis/program/cisminor.asp for more information.

7110.50. Certificate in Information Systems

The Certificate in Information Systems is designed for students in any undergraduate major who wish to prepare to meet business and personal challenges through the use of information technology. From accounting, marketing, and management through the arts, biology and the health sciences, legal and many other disciplines, information systems are a fundamental enabler.

A student taking courses to qualify for the Certificate in Information Systems is subject to the minimum Georgia State University and RCB cumulative grade-point-average requirement for entrance into RCB upper-level classes. Obtaining the Certificate in Information Systems requires completion of any three of the following courses (this list is subject to change -- usually through courses being added. Please check with cstucke@gsu.edu if you wish to use a CIS course not shown here as part of your certificate.

- CIS 3001 – Managing Information Technology Projects
- CIS 3300 – Systems Analysis (identify what a system needs to do)
- CIS 3310 – Systems Design (decide how the system will do this)
- CIS 3320 – Telecommunications For Business
- CIS 3730 – Database Management Systems
- CIS 4000 – Introduction to Computer Forensics
- CIS 4120 – Defining and Innovating Business Processes
- CIS 4300 – Software Quality Management
- CIS 4700 – Managing IT Project Risk, Vendors and Contracts
- CIS 4620 – Management of Information Services
- CIS 4680 – Introduction to Security & Privacy

Students must have a grade point average of at least 3.0 for the three courses, with all grades a B- or higher. Some of these courses have prerequisites and other requirements for enrollment. There are no additional fees required for the Certificate in Information Systems.

7120 Department of Economics

Programs Offered:

1. **B.B.A. in Business Economics**

5th floor, AYSPS Building
404/413-0141

Mary Beth Walker, 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 B.B.A. faculty adviser in the department to discuss their selection of major courses and to file a program plan.. 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, Chair

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 from the small entrepreneurial firm to the large corporate organization as well as in the financial services industry including commercial and investment banking, 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, 4320, 4200 or 4040.
- Financial Institutions: Fi 4400, 4420, 4200 or 4040 or 4300.
- Investments: Fi 4200, 4240, 4040 or 4300

- **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
robinson.gsu.edu/rcbhonors

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 will be offered for the junior business core courses, junior communications course, RCB electives, and Business Policy (capstone). A total of 27 hours of honors classes must be taken to graduate with honors. Students are 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 and SAT score of 1200 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 Freshmen 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 average falls below 3.5 will be given up to two academic terms in which to attain a 3.5 GPA again.

Honors Recognition

Students who complete the RCB Honors program will receive special recognition at the RCB Honors/Awards program. In addition, the recognition will be recorded on the student's transcript and diploma with an honors seal.

Honors Housing

RCB honors students will have the opportunity to live at the special Honors section of student housing.

7160 Cecil B. Day School of Hospitality Administration

Programs Offered:

1. **B.B.A. in Hospitality Administration**
2. **Minor in Hospitality Administration**

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 provide leadership in the development of students for managerial roles in the hospitality and tourism industries, scholastic contributions to its constituencies, and service to the industry at the local, regional, national, and international level.

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 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 the following hospitality industry segments: hotel, restaurant, private club, food service, tourism, event planning, meeting planning, festivals, and trade shows. 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 HAdm courses. These core courses will give the student a general knowledge of all segments of the hospitality industry. Specialized elective courses and work study experience 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 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. The school is an approved location for testing for the National Restaurant Association and the Educational Institute of the American Hotel and Motel Association's certification courses.

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 is home to the Green Hospitality Consortium which is a first-of-its-kind educational and informational resource for the academic and industry communities. Environmental awareness is also incorporated into each hospitality course with the inclusion of current international issues and trends.

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 a mentoring program for hospitality majors as well as scholarships 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, 3401, 3402, 3720, 3750, 3760, 4100, 4800.

Robinson College of Business (RCB) Electives: As an exception to normal degree requirements, HAdm 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 HAdm majors specialize in more than one area of the discipline.

Faculty Advisement. All new hospitality administration majors are invited to have an initial meeting with the director of the program. Hospitality majors are also assigned faculty advisers. Students are required to meet with their faculty advisers each semester. The school offers orientation sessions at the beginning of each semester for new hospitality majors. Majors should call the school office to schedule appointments.

Work Experience 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 test 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 cost control.

Specialization options within the certificate program are available. These specialty areas include hospitality operations, trade show and event planning, and meeting management.

Certificate Requirements: The Certificate in Hospitality Administration with a specialization in hospitality operations includes two courses from Group A and two courses from Group B:

Group A

- HAdm 3010 Perspectives in the Hospitality Industry (3)
- HAdm 3720 Hospitality Law (3)
- HAdm 3750 Hospitality Human Resources (3)
- HAdm 3760 Hospitality Marketing (3)
- HAdm 4100 Cost Control and Hospitality Financial Analysis (3)

Group B

- HAdm 3310 Hotel Management (3)
- HAdm 3350 Meeting and Trade Show Management (3)
- HAdm 3400 Food Production (3)
- HAdm 3420 Restaurant and Food Service Management (3)
- HAdm 3590 Private Club Management (3)
- HAdm 3600 Expos, Fairs, and Entertainment Management (3)
- HAdm 3800 Selected Topics (3)

The Certificate in Hospitality Administration with a specialization in trade show and event planning requires a choice of two of the Group A courses. These Group B courses must be taken: HAdm 3350, Meeting and Trade Show Management, and HAdm 3600, Expos, Fairs, and Entertainment Management.

The Certificate in Hospitality Administration with a specialization in meeting management includes a choice of at least one Group A course. From Group B, HAdm 3310 is required along with HAdm 3350 and a selected topics course in Advanced Meeting Planning (HAdm 3800). The fourth course can be chosen from either Group A or Group B.

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

Suite 1430 Robinson College of Business Building
404/413-7275

Daniel Bello, Interim 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, 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. 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; and IB 4410, Study Abroad: Analysis of Regional International Business Practices, which can be repeated for different world regions and focus on different disciplines.

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, Brazil, China, France, Germany, Hungary/Czech Republic, Italy, Netherlands, Russia, South Africa, 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.

Five-Year BA/MIB Program

In cooperation with the College of Arts and Sciences, the Robinson College offers a five-year program leading to the Bachelor of Arts degree with a major in French, German, or Spanish *plus* the Master of International Business degree, which is offered through the Institute. For more information, consult the Arts and Sciences chapter of this catalog and the RCB chapter of the university's graduate catalog.

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 (base) 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.

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.

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 iib.gsu.edu/IIB/1aiesec-gsu.

7180 Department of Managerial Sciences

Programs Offered:

1. **B.B.A. in Managerial Sciences**

10th floor, Robinson College of Business Building
404/413-7525

Todd Maurer, Chair
William C. Bogner, Associate 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.

HUMAN RESOURCE MANAGEMENT

- MGS 4360
- MGS 4390
- MGS 4320

BUSINESS ANALYSIS

- MGS 4020
- MGS 4110
- MGS 4140

ENTREPRENEURSHIP

- MGS 4500

- MGS 4550
- MGS 4560

OPERATIONS MANAGEMENT

- MGS 4730
- MGS 4740
- MGS 4760

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 Certificate in Entrepreneurship

The Certificate 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 Certificate in Entrepreneurship program is subject to the minimum Georgia State University cumulative GPA requirement for entrance into RCB upper-level classes. Obtaining the Certificate 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 Certificate 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.

Certificate Requirements: Take any three of 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 certificate.

- MGS 4500 Entrepreneurial and New Venture Management
- MGS 4550 Managing a Family Business
- MGS 4560 Small Business Management
- MGS 4590 Entrepreneurship Field Study

Certificate Applications and Fees: Interested students should apply for the certificate program through the Department of Managerial Sciences. 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
404/651-2740

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 skill who 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 4100, 4200, 4900 and three additional 4000-level courses in marketing.

Recommended Sequence: Take Mk 4100 in the first semester.. 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, 4331, 4340
- Retailing: Mk 4400, 4420, 4510
- Marketing Management: Mk 4620, 4400, 4300
- Advertising: Mk 4300, 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 15-18 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

Julian Diaz III, 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, 4050, 4150, 4160, 4700 and two 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: RE3010, RE4050, RE4150, RE4160, and one Real Estate-prefix elective course (and any prerequisites required for each course). All students pursuing a minor in Real Estate must maintain a 2.5 or higher GPA, and must earn a grade of C- or better in all courses counting toward the minor. 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
www.rmi.gsu.edu

Richard Phillips, 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, 2215, and 4752 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 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 in the J. Mack Robinson College of Business serve the needs of the college and the university for legal education other than the professional education offered by the College of Law. The undergraduate legal environment core course, Legal Environment of Business (BusA 2106), covers law, ethics, and business.

Specific law courses also are offered to assist the undergraduate student who has an established career objective within a specialized area. For example, Principles of Business Law (LglS 4050) is designed for accounting majors. This course covers contracts, sales, commercial paper, secured transactions, bankruptcy and accountants' professional liability. The course provides a foundation for topics on the CPA examination. Real Estate Law (LglS 4490) is an important course for undergraduate real estate majors. Introduction to the Law (LglS 3020), a comprehensive orientation to the American legal system, has primary appeal to political science, urban studies, and prelaw students.

No academic major is available in legal studies. No legal studies course may be used for credit toward a College of Law degree.

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.

Graduates in risk management and insurance find a variety of career opportunities open to them as risk analysts within the business community and government, 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.

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

Required Major Courses: RMI 3750, 4150, 4300, 4350 and pick three of the following: RMI 3500, 4010, 4020, 4530, 4700, 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.

An annual schedule of RMI courses may be obtained from the department on the 11th floor, RCB Building, by calling 404-413-7500, or from RMI's website at www.rmi.gsu.edu. Courses recommended for consideration as electives for students majoring in other areas include:

- RMI 3500 Introduction to Risk Management and Insurance
- RMI 3750 Risk Modeling
- RMI 4150 Theory of Risk
- RMI 4300 Risk Management
- RMI 4530 Employee Benefit Plans (except management majors) (Same as Mgt 4580)
- PFP 4000 Personal Financial Planning
- LglS 3020 Introduction to the Law
- LglS 4050 Comprehensive Business Law
- LglS 4490 Real Estate Law

7250 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 International Business**
7. **Master of Professional Accountancy**
8. **Master of Science**
9. **Master of Science in Health Administration**
10. **Master of Science in Information Systems**
11. **Master of Science in Information Systems Audit and Control**
12. **Master of Science in Real Estate**
13. **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 Student Services of the J. Mack Robinson College of Business (601 RCB Building, 404/413-7130) 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, personal financial planning, and real estate.

8000 Institute of Public Health

The Institute of Public Health does not offer any undergraduate programs. Interested students should refer to the graduate catalog at www.gsu.edu/enrollment/catalogs.html.

9000 Byrdine F Lewis School of Nursing

Undergraduate programs in the Byrdine F Lewis School of Nursing are described in detail in this chapter. See subsections for specific program information as well as policies and procedures.

9010 General Information

Please see the Byrdine F. Lewis School of Nursing website for current information which can be accessed from the Georgia State University website under the 'Colleges' link www.gsu.edu/

The mission of the Byrdine F. Lewis School of Nursing is to create a premier multicultural learning community that produces leaders, clinicians, scholars and researchers who exemplify nursing excellence and enhance healthcare delivery in Georgia and beyond.

The Byrdine F. Lewis School of Nursing strives to be nationally recognized for innovative, responsive, educational nursing programs focused upon diversity, urban healthcare, and vulnerable populations. The School is noted for expert practitioners, community partnerships, and leading-edge scholarship that emphasizes chronic illness and caregiving.

9010.30 Accreditation

The Master of Science degree program in nursing is accredited by the Commission on Collegiate Nursing Education (CCNE).

9010.40 Degree Programs

The School of Nursing offers a Bachelor of Science degree..

9010.70 Admission to Professional Program

Acceptance to Georgia State University into the nursing major in the allows a student to take prerequisite course work leading to the professional program. A separate application process is required for acceptance into the professional program to take all nursing courses with the exception of NURS 2010.,

The professional program in nursing begins semi-annually in the fall and spring semesters. Admission to the program is highly competitive, and students are encouraged to inquire about admission criteria, policies, and deadlines as soon as possible. Admission information and requirements are included in the section on the major.

It is highly recommended that a student wishing to enter the nursing program take one year of biology and one year of chemistry in high school.

Applicants for admission to the professional program in nursing 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 to nursing 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 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 nursing program whose native language is not English, regardless of language of instruction, may be required to submit acceptable results from an English proficiency examination.

9020 Academic Regulations

9020.10 Credit for Transfer Work

The specific credit for work done at other institutions that may apply toward a degree from the School of Nursing is determined by the Undergraduate Admissions Office, the Student Advisement Center, the School of Nursing. 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.

9020.20 Credit for Transient Work

Students in the School of Nursing who wish to take course work at another college must have prior written approval from the School of Nursing Administrative Officesif they wish to apply that credit to a degree program. The student must be in good academic standing at Georgia State University. Transient approval will not be granted to take courses at Atlanta-area colleges when the course is readily available at Georgia State. 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.

9020.30 Clinical, Field Experience or Internship

As part of the degree completion requirements in the School of Nursing, 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 does not grant special consideration or waiver of any degree completion requirements, including placement in a clinical setting.

Please note that some majors must complete a clinical program, field experience or internship during their program. Some students will be placed with a field placement agency or 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, field experience or internship. Because the program or internship is a requirement, the student might be prevented from completing the degree program..

9020.40 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 school or by written petition filed through the School of Nursing Administrative Office 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 does not guarantee licensure, certification, or employment in the relevant occupation.

9030 Degree Requirements

Programs Offered:

1. **B.S. in Nursing**

Brydine F. Lewis School of Nursing
900 Urban Life Center, 404/413-1200
Cecelia Gatson Grindel, Associate Director for Academic Affairs

The Byrdine F. Lewis School of Nursing 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) required 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 (Biology 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 Associate Director for Academic Affairs.

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.

The School of 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 School of Nursing *Undergraduate Student Handbook*. Degree requirements must be completed in order to meet the eligibility requirements for writing the NCLEX.

Program Admission

The student must meet the general admission requirements of Georgia State University and the School of Nursing. Acceptance to the university allows the student to register for prerequisite course work leading to the professional program in nursing and does not guarantee automatic admission into the nursing program. Acceptance into the professional program requires a separate application and admissions process. Students will be admitted on a space-available basis.

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.

Traditional Option Prerequisites: The following courses are prerequisites, which must be completed before entering the traditional option in the fall or spring semester.

- Area A courses of the Core Curriculum
- 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 prerequisite courses.
3. A minimum grade point average of 2.80. Higher grade point averages receive preference for admission.
4. Successful completion 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)
- HHS 3000 (Communication and Cultural Diversity)
- Psyc 3140 (Abnormal Psychology)

ACE Option Requirements:

1. Acceptance to Georgia State University.
2. Completion of prerequisites courses.
3. A minimum grade point average of 3.0 for applicants already holding a bachelor's degree; a minimum grade point average of 3.25 for applicants who do not yet hold any bachelor's degree. Higher grade point averages receive preference for admission.
4. Successful completion 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.
10. Successful completion of the Regents' Writing and Reading requirements OR a Bachelor's degree

Admissions 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 students 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 School of Nursing website. The cost of the exam is the applicant's responsibility.

Upon receipt of an acceptance letter from the School of Nursing, the student will be required to complete the Program Intake for Nursing School orientation on uLearn 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 the School of 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.

Program Financial Information

Clinical practice will require that the applicant obtain student uniforms that meet School of Nursing 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 or allied health. 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 or allied field 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 or allied field 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.

Traditional program students are expected to have completed the Regents' Test requirements by the end of the sophomore year. Selected achievement tests are required throughout the program. An end-of-program exit activity will be required of all nursing students. Generic students will be given an exit exam at the midpoint of the last semester before graduation. A passing score is required to meet graduation and program completion requirements.

Additional information, including information on program, policies and procedures, is included in the School of Nursing's *Undergraduate Student Handbook.* Students are responsible for the information in this handbook as well as that in other university publications.

9030.10 Curriculum Requirements

Area B: Institutional Options:

It is recommended that nursing majors take Phil 1010 as one of the two required courses.

Area C: Humanities and Fine Arts:

It is recommended that nursing majors take Spanish 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 strongly recommended that nursing majors take Psyc 1101 as the social science foundations selection.

Area F: Courses Related to the Program of Study (18)

- Bio 1110K & 1120K Human Anatomy and Physiology I & II (8)
- Bio 2300 Microbiology and Public Health (3)
- Bio 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 (5)
- 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 (6)
- 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)

- HHS 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

Accreditation

The baccalaureate program of the Byrdine F. Lewis School of Nursing 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 of Nursing 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 in the Byrdine F. Lewis School of Nursing 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.

Byrdine F Lewis School of Nursing, is home to the Epsilon Alpha Chapter of the nursing honor society, Sigma Theta Tau International. At each induction, the Sigma Theta Tau Academic Achievement Award is presented to the member who has maintained the highest scholastic average upon completion of the baccalaureate program.

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.

9040 Academic Advisement

The School of Nursing 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. All students with 41 hours or less are advised by the University Student Advisement Center www.gsu.edu/success/advisement.html. All students with 42 or more hours are advised by professional advisors located in the School of Nursing Administrative Offices.

9050 Student Complaints, Petitions for Policy Waivers and Variances, and Appeals

The appeals procedure for students in the School of Nursing 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/es/24954.html online for details.

9060 Honors and Awards

Byrdine F. Lewis School of Nursing: The Byrdine F. Lewis School of Nursing awards various scholarships to students enrolled in the school of nursing during Fall Semester. The scholarships are available to both the traditional and the ACE students. Information about a particular scholarship and the guidelines for applying can be found on the Scholarship page of the Byrdine F. Lewis School of Nursing Web site under current students.

Daniel J. Sansone Memorial Scholarship: this award was created in memory of Daniel Sansone, son of Joseph Sansone, founder and CEO of Pediatria Healthcare, LLC. The award is given to an undergraduate student interested in pediatric nursing or respiratory therapy.

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.

Marshall L. Bowie College of Health and Human Sciences Scholarship: Two scholarships are awarded to students enrolled in the Brydine F Lewis School of Nursing and the School of Health Professions based on academics, community services, and involvement in their respective schools and Georgia State University.

Honors

The School of Nursing criteria for honors are listed below:

1. Students must be recommended and approved by a 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 at PAWS.

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
CER Ceramics
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
EDCU Education
ELMT Library Media Technology
ENGL English
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 Orientaion
HA Health Administration
HADM Hospitality Administration
HBRB Biblical Hebrew
HBRM Modern Hebrew
HHS Health & Human Sciences
HIST History
HON Honors
IB International Business
ID Interior Design
IEP Intensive English Program
ISCI Integrated Sciences
IT Instructional Technology
ITAL Italian
JAPN Japanese
JOUR Journalism
JST Jewish Studies
KH Kinesiology & Health
KORE Korean
LATN Latin
LGLS Legal Studies
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
NSCI Natural Sciences
NURS Nursing
NUTR Nutrition
PERS Perspectives
PFP Personal Financial Planning
PHIL Philosophy
PHOT Photography
PHYS Physics
PMAP Public Management & Policy
POLS Political Science
PORT Portuguese
PRSN Persian
PSYC Psychology
PT Physical Therapy
RE Real Estate
RELS Religious Studies
RMI Risk Management & Insurance
RT Respiratory Therapy
RUSS Russian
SOCI Sociology
SPAN Spanish
SPCH Speech
SW Social Work
SWAH Swahili
TEXT Textiles
THEA Theatre
TURK Turkish
WST Women's 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.

Course Prefix, Name and Description

3DS THREE-DIMENSIONAL STUDIES

3DS 3000 SCULPTURE I

Credit Hour(s): 3.0

Sculpture I. Prerequisite: Art 1030 or 1040 with grade of C or higher. Assembling and fabricating; techniques and procedures in materials such as wood, metal, concrete, plaster, plastics, etc. Lab Fee: $120.00.

3DS 3050 HAND BUILDING I

Credit Hour(s): 3.0

Hand Building I. Prerequisite: Art 1030 or 1040 with grade of C or higher. Hand building methods of clay fabrication. Investigation of decoration processes, glazing, and firing of ceramic ware. Lab Fees: $80.00.

3DS 3100 SCULPTURE II

Credit Hour(s): 3.0

Sculpture II. Prerequisite: Art 1030 or 1040 with grade of C or higher. Emphasis in molding and casting procedure applicable to metals, plastics, and concrete. Lab Fee: $120.00.

3DS 3150 WHEEL THROWING I

Credit Hour(s): 3.0

Wheel Throwing I. Prerequisite: Art 1030 or 1040 with grade of C or higher. Throwing on the potter's wheel. Emphasis on developing basic skills and techniques. Lab Fee: $80.00.

3DS 3200 FIGURE STUDIES IN SCULPTURE

Credit Hour(s): 3.0

Figure Studies in Sculpture. Prerequisite: Art 1030 or 1040 with grade of C or higher. Investigations of human form in three dimensions from traditional academic clay modeling to experimental interpretations. May be repeated for a maximum of six credit hours. Lab Fee: $60.00.

3DS 3250 ADVANCED WHEEL THROWING

Credit Hour(s): 4.0

Advanced Wheel Throwing. Prerequisite: 3DS 3150 with grade of C or higher. Advanced work on the potter’s wheel. Introduction to techniques of the production potter. Repeatable up to 3 times for credit. Lab Fee: $80.00.

3DS 3300 SCULPTURE PROJECTS

Credit Hour(s): 4.0

Sculpture Projects. Prerequisites: 3DS 3000 and 3DS 3100 with grades of C or higher. Sculpture Projects is an intermediate-level course designed to build upon skills acquired in 3DS 3000 and 3DS 3100 and prepare students to enter Directed Study in sculpture. Lab Fee $120.00.

3DS 3350 CERAMIC SCULPTURE

Credit Hour(s): 4.0

Ceramic Sculpture. Prerequisite: 3DS 3050 with grade of C or higher. Advanced methods of hand building with clay and plaster mold making processes; emphasis on ceramic sculptural techniques. Repeatable up to 2 times for credit. Lab Fee: $80.00.

3DS 3600 SCULPTURAL DRAWING

Credit Hour(s): 4.0

Sculptural Drawing. Prerequisite: 3DS 3000 with grade of C or higher, or consent of instructor. 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. Lab Fee: $120.00.

3DS 3650 CERAMICS MATERIAL

Credit Hour(s): 4.0

Ceramics Materials. Prerequisites: 3DS 3050, 3DS 3150, and 3DS 3250, or higher ceramics course with grades of C or higher, or consent of instructor. Elementary chemistry as applied to glaze calculation; firing process; clay bodies; kiln building; studio equipment; and organizing. Lab Fee: $80.00.

3DS 3700 WOOD DESIGN

Credit Hour(s): 4.0

Wood Design. Prerequisite: 3DS 3000 with grade of C or higher, or consent of instructor. 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. Lab Fee: $120.00.

3DS 3800 INSTALLATION SCULPTURE

Credit Hour(s): 4.0

Installation Sculpture. Prerequisite: 3DS 3000 with grade of C or higher, or consent of instructor. Exploration of the methods and theories involved in the production of installation sculpture through the investigation of form and space and of their function in transforming environmental, architectural, or invented sites. Lab Fee: $120.00.

3DS 3900 SELECTED TOPICS IN SCULPTURE

Credit Hour(s): 4.0

Selected Topics in Sculpture. Prerequisites: 3DS 3000 and 3DS 3100, or 3DS 3200 with grade of C or higher. 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. Lab Fee: $120.00.

3DS 3910 HISTORY OF CERAMICS

Credit Hour(s): 4.0

History of Ceramics. 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.

3DS 3920 CONTEMPORARY CERAMIC HISTORY

Credit Hour(s): 3.0

Contemporary Ceramic History. Exploration of the ceramics from the Arts and Crafts Movement of the nineteenth century through contemporary trends.

3DS 3950 SELECTED TOPICS IN CERAMICS

Credit Hour(s): 3.0

Selected Topics in Ceramics. Prerequisite: 3DS 3050 or 3DS 3150 with grade of C or higher. Special topics for studio art majors. May be repeated for a maximum of nine credit hours. Lab Fee: $80.00.

3DS 4500 DIRECTED STUDY IN SCULPTURE

Credit Hour(s): 4.0

Directed Study in Sculpture. Prerequisites: 3DS 3000 and 3DS 3100 with grades of C or higher, and at least one of 3DS 3600, 3DS 3700, 3DS 3800, and 3DS 3900 with grade of C or higher. Individual studio problems for advanced students. May be repeated for a maximum of twenty credit hours. Lab Fee: $120.00.

3DS 4550 DIRECTED STUDY IN CERAMICS

Credit Hour(s): 4.0

Directed Study in Ceramics. Prerequisite: 3DS 3250 and 3DS 3350 with grade of C or higher. Individual studio problems for advanced students. Lab Fee: $80.00.

3DS 4930 INTERNSHIP

Credit Hour(s): 3.0

Internship. Prerequisite: consent of advisor. 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.

3DS 4940 PORTFOLIO I

Credit Hour(s): 3.0

Portfolio I. Prerequisite: 3DS 4500 with grade of C or higher. Senior-year studio experience for B.F.A. degree candidates. Committee review.

3DS 4945 CERAMIC PORTFOLIO I-CTW

Credit Hour(s): 3.0

Ceramic Portfolio I-CTW. Prerequisite: 3DS 4550 with grade of C or higher. 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. Lab Fee: $80.00.

3DS 4950 PORTFOLIO II-CTW

Credit Hour(s): 3.0

Portfolio II-CTW. Prerequisite: 3DS 4940 with grade of C or higher, or concurrently. 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 Hour(s): 3.0

Ceramic Portfolio II-CTW. 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. Lab Fee: $80.00.

3DS 4980 SPECIAL PROBLEMS

Credit Hour(s): 4.0

Special Problems. Prerequisites: consent of instructor and of School director. Independent studies initiated by the student. May be repeated for a maximum of eight credit hours.

AAS AFRICAN-AMERICAN STUDIES

AAS 1140 INTRO TO AFR & AFR-AM HISTORY

Credit Hour(s): 3.0

Introduction to African and African-American History and Culture. (Same as Hist 1140.) African history and culture, the coming of Africans to the Americas, and the development of African-American culture.

AAS 2010 INTRO TO AFRICAN-AMER STUDIES

Credit Hour(s): 3.0

Introduction to African-American Studies. Intellectual and social origins of African-American Studies. Key concepts, themes, and theories of the discipline.

AAS 3000 AFRICAN-AMERICAN FAMILY

Credit Hour(s): 3.0

African-American Family. (Same as Soci 3162.) Contemporary theories and research of the African-American family.

AAS 3050 INTRO TO AFRICAN-AMER PSY

Credit Hour(s): 3.0

Introduction to African-American Psychology. Prerequisites: AAS 2010, AAS 1140, Hist 1140, or Psyc 1010. (Same as Psyc 3520.) Examination of theory and research pertaining to African-American psychology. Special emphasis on the Afrocentric perspective.

AAS 3070 AFR-AMERICANS IN CRIM JUS SYST

Credit Hour(s): 3.0

African-Americans in the Criminal Justice System. An examination of the relationship between the African-American community and the criminal justice system.

AAS 3120 AFRICAN DIASPORA

Credit Hour(s): 3.0

African Diaspora. (Same as Anth 3120.) Prerequisite: AAS 2010, AAS 1140, Hist 1140, or Anth 2020. 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.

AAS 3240 PEOPLES & CULTURES OF AFRICA

Credit Hour(s): 3.0

Peoples and Cultures of Africa. (Same as Anth 3240.) Origins, adaptations, and contemporary social, economic,

political, and belief systems of the indigenous and mixed populations of Africa.

AAS 3450 HIST OF AFR-AMER IN GEORGIA

Credit Hour(s): 3.0

History of African-Americans in Georgia. Examination of the political, economic, and social development of African-Americans in Georgia.

AAS 3500 JAZZ HISTORY

Credit Hour(s): 3.0

Jazz History. (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-AMER MUSIC

Credit Hour(s): 3.0

History of African-American Music. (Same as MuA 3810.) History and styles of African-American music.

AAS 3880 AFRICAN-AMERICAN LITERATURE

Credit Hour(s): 3.0

African-American Literature. (Same as Engl 3950.) History and development of African-American literature, with emphasis on major writers.

AAS 3955 LANGUAGE IN AFR-AM COMMUNITY

Credit Hour(s): 3.0

Language in the African-American Community. (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 LIT BY WOMEN

Credit Hour(s): 3.0

African-American Literature by Women. (Same as Engl 3960 and WSt 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/THEORIES IN A-AS

Credit Hour(s): 3.0

Concepts and Theories in African-American Studies. Prerequisite: AAS 2010. Three lecture hours per week. Examination of the major concepts and theoretical orientations used in African- American Studies.

AAS 3980 RESEARCH METHS AAS-CTW

Credit Hour(s): 3.0

Research Methods in African-American Studies-CTW. Prerequisite: AAS 2010. 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 AFRICAN-AM COMMUNITY

Credit Hour(s): 3.0

Issues in the African-American Community. (Same as Soci 4310.) Examination of the impact of major societal issues on the African-American community.

AAS 4030 AFR-AM MALE/FEMALE RELATIONS

Credit Hour(s): 3.0

African-American Male/Female Relationships. (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-AMER FEMALE ACTIVSM

Credit Hour(s): 3.0

African-American Female Activism. (Same as WSt 4110.) Overview of African-American women's resistance to racial oppression and gender inequality.

AAS 4100 AFRICAN-AM WOMEN IN THE U.S.

Credit Hour(s): 3.0

African-American Women in the United States. (Same as Soci 4312 and WSt 4312.) Contemporary social issues of black women. Emphasis on the historical roots of current issues and the interrelationships of gender, race, and class.

AAS 4120 AFRICAN-AMER POLITICAL THOUGHT

Credit Hour(s): 3.0

African-American Political Thought. (Same as PolS 4560.) Examination and critical analysis of African-American political and social issues.

AAS 4125 BLACK FEMINIST THOUGHT

Credit Hour(s): 3.0

Black Feminist Thought. Prerequisite: AAS 2010. (Same as WSt 4750.) 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 Hour(s): 3.0

African-American Politics. Prerequisite: AAS 2010, AAS 1140, or Hist 1140. (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 CIVIL RIGHTS MVMNT

Credit Hour(s): 3.0

Politics of the Civil Rights Movement. (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 Hour(s): 3.0

Religions of the African World. (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.

AAS 4250 AFRICAN-AMERICAN RELIGION

Credit Hour(s): 3.0

African-American Religion. (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 Hour(s): 3.0

African-American Anthropology. (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 Hour(s): 3.0

African Art. (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 Hour(s): 3.0

Art of Ancient Egypt and Nubia. (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 Hour(s): 3.0

African-American Art. (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 4530 VOICES OF AFRICAN-AM FEMINISTS

Credit Hour(s): 3.0

Voices of African-American Feminists. (Same as Spch 4530.) Overview of the rhetorical history of African-American female political and social activists.

AAS 4600 ENSLVMNT & RESIST IN NOR AMER

Credit Hour(s): 3.0

Enslavement and Resistance in North America. (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 Hour(s): 3.0

Enslavement in the Americas. (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.

AAS 4640 AFRICAN-AMERICAN PEOPLE

Credit Hour(s): 4.0

African-American People. (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.

AAS 4650 AFRICAN-AMERICAN THEATRE

Credit Hour(s): 3.0

African-American Theatre. (Same as Thea 4090.) Examination of the history and contributions of African-Americans to the American theatre.

AAS 4660 AFRICAN AMERICAN WOMEN

Credit Hour(s): 4.0

African-American Women. (Same as Hist 4260 and WSt 4450.) 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 4750 AFRICAN-AM ETH/LEGAL ISSUES

Credit Hour(s): 3.0

African-American Ethical and Legal Issues. Prerequisite: at least one course in philosophy or consent of instructor. (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 EAST AFRICA & HORN OF AFRICA

Credit Hour(s): 4.0

Eastern Africa and the Horn of Africa. Prerequisite: AAS 2010, AAS 1140, or Hist 1140. (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 & SOUTHERN AFRICA

Credit Hour(s): 4.0

Central and Southern Africa. (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 Hour(s): 4.0

Western Africa. (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 Hour(s): 3.0

Women in Africa. (Same as Hist 4772 and WSt 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 Hour(s): 3.0

African Rebellions. (Same as Hist 4774.) An examination of African resistance in the colonial and post-colonial contexts.

AAS 4776 AFRICA AND HOLLYWOOD

Credit Hour(s): 4.0

Africa and Hollywood: Myth, Romance, and Savage Imagery. This course explores the image of Africa projected into American mass culture through the vehicle of commercial films produced about Africa.

AAS 4780 AFR-AM LESBIAN & GAY ACTIVISM

Credit Hour(s): 3.0

African-American Lesbian and Gay Activism. Prerequisite: AAS 2010. (Same as WSt 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.

AAS 4890 CARIBBEAN LITERATURE

Credit Hour(s): 3.0

Caribbean Literature. Prerequisite: AAS 2010, AAS 1140, or Hist 1140. (Same as Engl 3970.) Survey of twentieth-century literature of the English- speaking or Commonwealth Caribbean.

AAS 4900 AFRICAN-AMERICANS IN FILM

Credit Hour(s): 4.0

African-Americans in Film. (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 Hour(s): 3.0

African-American Achievement. 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-AMER POPULAR CULTURE

Credit Hour(s): 3.0

African-American Popular Culture. (Same as Jour 4590.) Intellectual debates over the definitions and diversities of everyday African-American cultural production.

AAS 4960 AFRICAN-AMERICAN MASCULINITY

Credit Hour(s): 3.0

African-American Masculinity. Prerequisite: Completion of AAS 1140 or AAS 2010 with a grade of C or better and completion of at least 48 undergraduate credit hours. 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-AMER STUDIES

Credit Hour(s): 3.0

Topics in African-American Studies. Prerequisite: AAS 2010, AAS 1140, or Hist 1140. Intensive treatment of selected topics in African-American studies. May be repeated for 12 credit hours.

AAS 4980 SEM & PRACT IN AAS-CTW

Credit Hour(s): 3.0

Seminar and Practicum in African-American Studies-CTW. Prerequisite: six hours in African-American Studies. 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.

AAS 4995 DIRECTED READINGS B.I.S.-CTW

Credit Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

ACCT ACCOUNTING

ACCT 2101 PRIN OF ACCT I

Credit Hour(s): 3.0

Principles of Accounting I. CSP: 1, 2, 7. In this course, students begin to develop accounting skills for solving business problems using an integrated approach. The integrated approach focuses on the business processes and examines the activities from both an external, financial reporting perspective and an internal, management decision-making perspective. The course incorporates real world applications, including actual financial statements, to reinforce the relevance of topics to real business situations and promote student interest. Principles of Accounting I concentrates on the planning, performing, and evaluating aspects of the accounting operating processes and includes translating activities into accounting information and solving operating problems using information from the accounting system.

ACCT 2102 PRIN OF ACCT II

Credit Hour(s): 3.0

Principles of Accounting II. Prerequsite: Acct 2101. CSP: 1. 2. 7. In this course, students continue developing accounting skills for solving business problems. The integrated approach focuses on the business processes and examines the activities from both an external, financial reporting perspective and an internal, management decision-making perspective. The course incorporates real world applications, including actual financial statements, to reinforce the relevance of topics to real business situations and promote student interest. Principles of Accounting II concentrates on the capital resources, reporting and evaluating processes and how they relate to the business organization and strategy. Students analyze information needed for financing and investing decisions and evaluate and report operating outcomes using financial and non-financial perf

ACCT 4111 INTERMED ACCOUNTING I

Credit Hour(s): 3.0

Intermediate Accounting I. Prerequisites: Grade of B or higher in both Acct 2101, Acct 2102, Bcom 3950 Requires a 2.5 GSU GPA and 45 semester hours. CSP: 1, 2, 6. 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 INTERMED ACCOUNTING II

Credit Hour(s): 3.0

Intermediate Accounting II. Prerequisites: Grade of B or higher in both Acct 2101, Acct 2102, grade of C- or higher in Acct 4111. Requires a 2.5 GSU GPA and 45 semester hours. CSP: 1, 2, 6. 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 INTERMED ACCOUNTING III

Credit Hour(s): 3.0

Intermediate Accounting III. Prerequisites: Grade of B or higher in both Acct 2101, Acct 2102. Grade of C- or higher in Acct 4111 and Acct 4112. Requires a 2.5 GSU GPA and 45 semester hours. CSP: 1, 2, 6. 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 AC

Credit Hour(s): 3.0

Cost/Managerial Accounting. Prerequisite:ACCT and non-FIN majors: B in both Acct 2101 and 2102; FIN majors: FI 4000 or prerequisite above. Requires a 2.5 GSU.GPA and 45 semester hours. CSP: 1, 2, 4, 6, 7. 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 AC INFORMATION SYSTEMS

Credit Hour(s): 3.0

Accounting Information Systems. Prerequisite: Cis 2010, Acct 4210 Requires a 2.5 GSU GPA and 45 semester hours. CSP: 1, 2, 3, 4, 5, 6, 7, 8. 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 AC

Credit Hour(s): 1.0 TO 3.0

Directed Readings in Accounting. Prerequisite: Acct 2101, 2102, minimum grade of B in each, consent of instructor.

ACCT 4390 CASE STUDIES IN TAXATION

Credit Hour(s): 3.0

Case Studies in Taxation. Prerequisites. Acct 4510 and 2.8 or higher GPA; or consent of the instructor. Requires 45 semester hours. 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

Credit Hour(s): 3.0

Field Study in Accounting. (May be repeated once.) Prerequisitie: Acct 4112; enrollment as an under- graduate accounting major with a 3.0 or higher GPA; consent of instructor. CSP: 1,2,4,6,7,8. 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.

ACCT 4510 INTRO FED INCOME TAXES

Credit Hour(s): 3.0

Introduction to Federal Income Taxes. Prerequisite: Must have senior standing or graduate status. CSP: 1, 2, 6. Requires a 2.5 GSU GPA and 45 semester hours. 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 ASSURANCE SERVICES-CTW

Credit Hour(s): 3.0

Introduction to Assurance Services-CTW. Prerequisite: Acct 4113. Corequisites: Acct 4113. Requires a 2.5 GSU GPA and 45 semester hours. CSP: 1, 2, 3, 4, 5, 6, 7. 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.

AE ART EDUCATION

AE 2300 ART &MUSIC FOR EARLY CHILDHOOD

Credit Hour(s): 3.0

Art and Music for Early Childhood. Not for art or music majors. Art and music content and teaching methods with an emphasis on integration into general classroom settings. Lab Fee: $40.00.

AE 4000 SELECTED TOPICS: ART EDUCATION

Credit Hour(s): 3.0

Selected Topics in Art Education. Special topics for art education students. May be repeated for a maximum of six hours.

AE 4200 ART FOR PRESCHOOL-FIFTH GRADE

Credit Hour(s): 3.0

Art for Preschool through Fifth Grade. Prerequisites: Art 1020, 1030, 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. 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. Lab Fee: $40.00.

AE 4300 ART FOR MIDDLE & SECONDARY SCH

Credit Hour(s): 3.0

Art for Middle and Secondary Schools. 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. Curriculum materials, methods assessment and observations. Lecture and laboratory. Lab Fee: $40.00.

AE 4400 MEDIA, TECHNGY, VISUAL PRESNTN

Credit Hour(s): 4.0

Media, Technology, and Visual Presentation. 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). Computer-based educational and artistic media, visual presentation, and use of technology in the art classroom. Lab Fee $40.00.

AE 4750 STUDENT TEACHING IN ART

Credit Hour(s): 3.0

(TE) Student Teaching in Art. Prerequisite: consent of instructor. 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. Lab Fee: $125.00.

AE 4760 STUDENT TEACHING IN ART

Credit Hour(s): 3.0

(TE) Student Teaching in Art. Prerequisite: consent of instructor. 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. Lab Fee: $125.00.

AE 4770 STUDENT TEACHING IN ART

Credit Hour(s): 3.0

(TE) Student Teaching in Art. Prerequisite: consent of instructor. 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. Lab Fee: $125.00.

AE 4780 STUDENT TEACHING IN ART

Credit Hour(s): 3.0

(TE) Student Teaching in Art. Prerequisite: consent of instructor. 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. Lab Fee: $125.00.

AE 4785 INTERNSHIP I

Credit Hour(s): 3.0

(TE) Internship I. 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. 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.

AE 4786 INTERNSHIP I SEMINAR

Credit Hour(s): 3.0

(TE) Internship I Seminar. 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. Seminar designed to support and extend the Internship I through reading, reflective response, creative projects, teaching portfolio and seminar discussion.

AE 4795 INTERNSHIP II

Credit Hour(s): 3.0

(TE) Internship II. 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. 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.

AE 4796 INTERNSHIP II SEMINAR

Credit Hour(s): 3.0

(TE) Internship II Seminar. 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. 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.

AE 4900 ART THEORY & CRITCSM IN ART ED

Credit Hour(s): 3.0

Art Theory and Criticism in Art Education. Prerequisites: Art 1020, 1030, 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. 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.

AE 4980 SPECIAL PROBLEMS

Credit Hour(s): 3.0

Special Problems. Prerequisites: consent of instructor and school director. Course of study initiated by the student.

AH ART HISTORY

AH 1700 SURVEY OF ART I

Credit Hour(s): 3.0

History of Western Art I: Prehistoric through Medieval Art. Art of the Western world from prehistory through the Middle Ages.

AH 1750 SURVEY OF ART II

Credit Hour(s): 3.0

History of Western Art II: The Renaissance through Contemporary Art. Art of the Western world from the fourteenth century to the present.

AH 1850 SURVEY OF ART III

Credit Hour(s): 3.0

Art of Africa, Oceania, and the Americas. 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 Hour(s): 3.0

Survey of Art Since 1900. Not acceptable for credit for Art History majors. Overview of modern and contemporary art practices.

AH 3000 INTRO ART HISTORY METHOD-CTW

Credit Hour(s): 3.0

Introduction to Art Historical Methodology-CTW. Prerequisites: AH 1700, AH 1750, and AH 1850 with grades of C or higher, or consent of instructor. 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 Hour(s): 3.0

African Art. (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.

AH 4010 ART OF ANCIENT EGYPT AND NUBIA

Credit Hour(s): 3.0

Art of Ancient Egypt and Nubia. (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.

AH 4011 ART & ARCH OF ANCIENT EGYPT I

Credit Hour(s): 3.0

Art and Architecture of Ancient Egypt I: 4000-1600 BC. Prerequisite: AH 1700 with grade of C or higher, or consent of instructor. (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.

AH 4012 ART & ARCH OF ANCIENT EGYPT II

Credit Hour(s): 3.0

Art and Architecture of Ancient Egypt II: 1600-31 BC. Prerequisite: AH 1700 with grade of C or higher, or consent of instructor. (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.

AH 4020 ART/ARCHITCT ANCIENT NEAR EAST

Credit Hour(s): 3.0

Art and Architecture of the Ancient Near East. Prerequisite: AH 1700 with grade of C or higher, or consent of instructor. (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.

AH 4030 CONTEMPORARY AFRICAN ART

Credit Hour(s): 3.0

Contemporary African Art. 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.

AH 4110 ART & ARCH OF ANCIENT GREECE

Credit Hour(s): 3.0

Art and Architecture of Ancient Greece. Prerequisite: AH 1700 with grade of C or higher, or consent of instructor. 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.

AH 4120 ART & ARCH OF ANCIENT ROME

Credit Hour(s): 3.0

Art and Architecture of Ancient Rome. Prerequisite: AH 1700 with grade of C or higher, or consent of instructor. 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.

AH 4200 ART & ARCH OF MIDDLE AGES

Credit Hour(s): 3.0

Art and Architecture of the Middle Ages. Prerequisite: AH 1700 with grade of C or higher, or consent of instructor. 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.

AH 4310 ART OF N EUROPE:RENAISSANC ERA

Credit Hour(s): 3.0

Art of Northern Europe in the Renaissance Era. Prerequisite: AH 1750 with grade of C or higher, or consent of instructor. Miniaturistic traditions incorporated into monumental artistic production in Northern Europe during the fifteenth and sixteenth centuries.

AH 4320 ITAL RENAISSNC:AGE OF HUMANISM

Credit Hour(s): 3.0

Italian Renaissance Art: The Age of Humanism. Prerequisite: AH 1750 with grade of C or higher, or consent of instructor. Art from the late fourteenth to the sixteenth century. Focus on philosophical and religious underpinnings.

AH 4400 BAROQUE ART

Credit Hour(s): 3.0

Baroque Art. Prerequisite: AH 1750 with grade of C or higher, or consent of instructor. Art of seventeenth-century Europe during the age of kings, papal princes, and a new Protestant bourgeoisie in the North.

AH 4450 18TH-CENTURY EUROPEAN ART

Credit Hour(s): 3.0

Eighteenth-Century European Art. Prerequisite: AH 1750 with grade of C or higher, or consent of instructor. Critical history of the major developments in European art and architecture of the eighteenth century.

AH 4500 19TH-CENTURY EUROPEAN ART

Credit Hour(s): 3.0

Nineteenth-Century European Art. Prerequisite: AH 1750 with grade of C or higher, or consent of instructor. Critical history of the major developments in European art and architecture of the nineteenth century.

AH 4600 MODERN ARCHITECTURE

Credit Hour(s): 3.0

Modern Architecture. Prerequisite: AH 1750 with grade of C or higher, or consent of instructor. Evolution of twentieth-century methods, materials, and concepts of architectural design.

AH 4610 20TH C PAINTING & SCULPTURE

Credit Hour(s): 3.0

Twentieth-Century Modernism and Postmodernism. Prerequisite: AH 1750 with grade of C or higher, or consent of instructor. Study of modernism and postmodernism as aesthetic philosophies affecting artistic production in Europe and the U.S. since 1900. Emphasizes analysis of social, economic, and political forces as they influence art in diverse media.

AH 4620 AFRICAN-AMERICAN ART

Credit Hour(s): 3.0

African-American Art. (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 Hour(s): 3.0

Pre-Columbian Art. Introduction to the visual culture of the Andes and Mesoamerica before Columbus.

AH 4650 AMERICAN ART

Credit Hour(s): 3.0

American Art. Prerequisite: AH 1750 with grade of C or higher, or consent of instructor. American painting, sculpture, photography, and architecture from the Revolutionary War to World War II.

AH 4660 19/20C LATIN AMERICAN ART

Credit Hour(s): 3.0

Nineteenth and Twentieth-Century Art in Latin America. Prerequisite: AH 1750 with grade of C or higher, or consent of instructor. 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.

AH 4700 CONTEMP ART/THEORY & CRITICISM

Credit Hour(s): 3.0

Contemporary Art: Theory and Criticism. Prerequisite: AH 1750 with grade of C or higher, or consent of instructor. Linguistic bases of description, analysis, and evaluation of contemporary art.

AH 4750 WOMEN ARTISTS

Credit Hour(s): 3.0

Women Artists. (Same as WSt 4740.) A survey of women artists from prehistory to the present.

AH 4800 SPECIAL STUDIES LECTURE

Credit Hour(s): 3.0

Special Studies Lecture. Prerequisite: One 1000-level art history course with grade of C or higher. 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 4900 SPECIAL STUDIES SEMINAR

Credit Hour(s): 3.0

Special Studies Seminar. Prerequisite: one 4000-level art history course with grade of C or higher. 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 Hour(s): 3.0

Art History Internship. Prerequisite: consent of instructor. Open to any art major. Internship in art history within an established museum program relating to student's academic and career goals.

AH 4950 CURATORIAL PRACTIC ANCIENT ART

Credit Hour(s): 3.0

Curatorial Practicum in Ancient Art. Prerequisite: one 4000-level art history course with grade of C or higher or consent of instructor. A seminar that examines the basics of exhibition theory, design and implementation with a focus on ancient art.

AH 4980 SPECIAL PROBLEMS

Credit Hour(s): 3.0

Special Problems. Prerequisites: consent of instructor and school director. Independent studies initiated by the student.

AH 4990 ART HISTORY CAPSTONE-CTW

Credit Hour(s): 3.0

Art History Capstone-CTW. Prerequisite: Must be Graduating Senior status, Art History Major. 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.

AL APPLIED LINGUISTICS

AL 2101 INTRODUCTION TO LANGUAGE

Credit Hour(s): 3.0

Introduction to Language. (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 Hour(s): 3.0

Languages of the World. (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 Hour(s): 3.0

Understanding Miscommunication. 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 3021 INTRO TO LINGUISTICS

Credit Hour(s): 3.0

Introduction to Linguistics. (Same as ForL 3021.) An introduction to the major areas of linguistics: phonetics, phonology, morphology, syntax, and semantics.

AL 3031 LANGUAGE IN SOCIETY-CTW

Credit Hour(s): 3.0

Language in Society-CTW. Prerequisite: AL 3021 or ForL 3021 with grade of C or higher, or equivalent. (Same as ForL 3031.) 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 SECOND LANGUAGE ACQUISITION

Credit Hour(s): 3.0

Introduction to Second Language Acquisition. Prerequisite: AL 3021 or ForL 3021 with grade of C or higher, or equivalent. (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.

AL 3051 TEACHING EFL I

Credit Hour(s): 3.0

Teaching English as a Foreign Language I: Methods and Approaches. Prerequisite: AL 3021 or ForL 3021 with grade of C or higher, or equivalent. 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.

AL 3101 ENGLISH GRAMMAR IN USE

Credit Hour(s): 3.0

English Grammar in Use. Study of English grammar as it is used in different contexts. Corpus analysis software is used to explore syntactic and lexical patterns within the language. Especially recommended for students who expect to teach English to adult speakers of other languages.

AL 4011 PHONETICS AND PHONOLOGY

Credit Hour(s): 3.0

Phonetics and Phonology. Prerequisite: AL 3021 or ForL 3021 with grade of C or higher, or equivalent. (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 Hour(s): 3.0

Morphology and Syntax. Prerequisite: AL 3021 or ForL 3021 with grade of C or higher, or equivalent. (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

Credit Hour(s): 3.0

Semantics and Pragmatics in Linguistic Theory. Prerequisite: AL 3021 or ForL 3021 with grade of C or higher, or equivalent. (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 Hour(s): 3.0

Historical Linguistics. Prerequisite: AL 3021 or ForL 3021 with grade of C or higher, or equivalent. (Same as ForL 4121.) Comprehensive introduction to historical and comparative linguistics with a focus on causes and mechanisms of language change over time.

AL 4131 BILINGUALISM

Credit Hour(s): 3.0

Bilingualism. Prerequisite: AL 3021 or ForL 3021 with grade of C or higher, or equivalent. (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

Credit Hour(s): 3.0

Special Topics in Language Studies. Prerequisite: AL 3021 or ForL 3021 with grade of C or higher, or equivalent. (Same as ForL 4141.) Topic varies according to instructor. May be repeated for a maximum of six semester hours.

AL 4151 COMM ACROSS CULTURES-CTW

Credit Hour(s): 3.0

Communication Across Cultures-CTW. Prerequisite: AL 3021 or ForL 3021 with grade of C or higher, or equivalent. 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.

AL 4161 TEACHING EFL II-CTW

Credit Hour(s): 3.0

Teaching English as a Second Language II: Practicum and Classroom Practices-CTW. Prerequisites: AL 3051 and AL 3021 or ForL 3021 with grades of C or higher, or equivalent. 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.

AL 4241 SENIOR SEM APPLIED LINGUISTICS

Credit Hour(s): 3.0

Senior Seminar in Applied Linguistics-CTW. Prerequisite: 12 hours of upper-division applied linguistics courses completed before registering. 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 LANG PARTNER FIELD EXPERIENCE

Credit Hour(s): 3.0

Language Partner Field Experience. Prerequisite: AL 2101, AL 3021, or ForL 3021 with grade of C or higher, or equivalent. Supervised field experiences in the English

Language Study Partners Program. May be repeated for a maximum of 6 credit hours.

AL 4995 DIRECTED READINGS B.I.S.-CTW

Credit Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. 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 Hour(s): 3.0

Directed Readings.

ANTH ANTHROPOLOGY

ANTH 1102 INTRO TO ANTHROPOLOGY

Credit Hour(s): 3.0

Introduction to Anthropology. 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 INTRO BIOLOGICAL ANTHROPOLOGY

Credit Hour(s): 3.0

Introduction to Biological Anthropology. 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 INTRO TO CULTURAL ANTHROPOLOGY

Credit Hour(s): 3.0

Introduction to Cultural Anthropology. 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 Hour(s): 3.0

Archaeology and Prehistory. 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 3033 ANTHROPOLOGY OF VIOLENCE-CTW

Credit Hour(s): 3.0

The Anthropology of Violence-CTW. Prerequisite: Anth 2010, Anth 2020, or Anth 2030 with grade of C or higher, or consent of instructor. 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 3120 AFRICAN DIASPORA

Credit Hour(s): 3.0

African Diaspora. Prerequisite: AAS 1140, AAS 2010, Hist 1140, or Anth 2020 with grade of C or higher. (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 3240 PEOPLES AND CULTURES OF AFRICA

Credit Hour(s): 3.0

Peoples and Cultures of Africa. (Same as AAS 3240.) Origins, adaptations, and contemporary social, economic, political, and belief systems of the indigenous and mixed populations of Africa.

ANTH 4020 ANTHROPOLOGICAL THEORY

Credit Hour(s): 4.0

Anthropological Theory. Prerequisite: Anth 2020 with grade of C or higher, or consent of instructor. Historical treatment of the major theoretical trends in anthropology.

ANTH 4040 GNDR/RACE/CLASS IN COMPLEX SOC

Credit Hour(s): 3.0

Gender, Race, and Class in Complex Societies. Prerequisite: Anth 2020 with grade of C or higher, or consent of instructor. (Same as WSt 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.

ANTH 4060 ENVIRONMENTAL ANTHROPOLOGY

Credit Hour(s): 3.0

Environmental Anthropology. Prerequisite: Anth 1102, 2010, 2020, or 2030 with grade of C or higher, or consent

of instructor. 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.

ANTH 4080 CONSUMPTION & MATERIAL CULTURE

Credit Hour(s): 3.0

Consumption and Material Culture. Prerequisite: Anth 2020 with grade of C or higher. 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.

ANTH 4111 ANTHROPOLOGY OF SELF & EMOTION

Credit Hour(s): 3.0

Anthropology of Self and Emotion. Prerequisite: Anth 2020 with grade of C or higher, or consent of instructor. 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 Hour(s): 4.0

Modernity and Identity. Representations of modernity in postcolonial and metropolitan nation-states. National identities and their articulations with gender, class, and race.

ANTH 4140 EUROPEAN PREHISTORY

Credit Hour(s): 3.0

European Prehistory. Prerequisite: Anth 2030 with grade of C or higher, or consent of instructor. 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 Hour(s): 3.0

Mesoamerican Archaeology. Prerequisite: Anth 2030 with grade C or higher, or consent of instructor. 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 ARCHAEOLGY OF SOUTHEASTERN US

Credit Hour(s): 4.0

Archaeology of Southeastern United States. Prerequisite: Anth 2030 with grade of C or higher or consent of instructor. 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 PRACT & PUBLIC

Credit Hour(s): 3.0

Archaeological Practice and the Public. Prerequisite: Anth 2030 with a grade of C or higher, or consent of instructor. 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 Hour(s): 4.0

Urban Anthropology. Prerequisite: Anth 2020 with grade of C or higher, or consent of instructor. Urban space and social stratification; theories of space, place, and identity; the city in the social imaginary.

ANTH 4240 FOOD: HIST, ECO, & POL ECONOMY

Credit Hour(s): 3.0

Food: History, Ecology, and Political Economy. Prerequisite: Anth 2020 or Anth 2010 with a grade of C or higher, or instructor's consent. 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 Hour(s): 3.0

African-American Anthropology. (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 Hour(s): 3.0

Human Evolution. Principles and mechanisms of hominid evolution.

ANTH 4310 HUMAN VARIATION

Credit Hour(s): 4.0

Human Variation. Prerequisite: Anth 1102 or 2010 with grade of C or higher, or consent of instructor. 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.

ANTH 4330 PRIMATE BEHAVIORAL ECOLOGY

Credit Hour(s): 3.0

Primate Behavioral Ecology. 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 4350 APPLIED BIOCULTURAL ANTHROPLGY

Credit Hour(s): 3.0

Applied Biocultural Anthropology. Prerequisite: Anth 1102 or 2020 with grade of C or higher, or consent of instructor. Seminar on research methods and theory in human population ecology. Topics include methods of physical assessment, epidemiological and demographics analysis, data collection, and analysis.

ANTH 4360 METHDS & THEORIES IN BIOL ANTH

Credit Hour(s): 3.0

Methods and Theories in Biological Anthropology. Prerequisite: Anth 2010 with grade of C or higher, or consent of instructor. 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 Hour(s): 3.0

Forensic Anthropology. Prerequisite: Anth 2010 with grade of C or higher, or consent of instructor. 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 Hour(s): 3.0

Diet, Demography, and Disease. Prerequisite: Anth 1102, 2010, or 2030 with grade of C or higher, or consent of instructor. 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.

ANTH 4420 GENDER AND POWER

Credit Hour(s): 3.0

Gender and Power in Ethnographic Perspective. Prerequisite: Anth 2020 with grade of C or higher, or consent of instructor. (Same as WSt 4210.) 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.

ANTH 4430 ANTHROPOLOGY AND PUBLIC HEALTH

Credit Hour(s): 3.0

Anthropology and Public Health. Prerequisite: Anth 1102 or 2020 with grade of C or higher. 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 Hour(s): 4.0

Epidemiology and Anthropology. Prerequisite: Anth 1102 or 2020 with grade of C or higher. 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 Hour(s): 4.0

Health and Culture. Prerequisite: Anth 2020 with grade of C or higher, or consent of instructor. 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 Hour(s): 4.0

Visual Culture. Prerequisite: Anth 2020 with grade of C or higher, or consent of instructor. (Same as WSt 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.

ANTH 4480 ETHNOGRAPHIC ANALYSIS

Credit Hour(s): 4.0

Ethnographic Analysis. Prerequisite: Anth 2020 with grade of C or higher, or consent of instructor. 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 ANTHROPOLOGY OF GLOBALIZATION

Credit Hour(s): 4.0

The Anthropology of Globalization. Prerequisite: Anth 2020 with grade of C or higher. 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.

ANTH 4520 ANTHROPOLOGY OF PUBLIC CULTURE

Credit Hour(s): 4.0

Anthropology of Public Culture. Prerequisites: Anth 2020 with grade of C or higher, or consent of instructor. 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 4550 FIELD SCHOOL IN ANTHROPOLOGY

Credit Hour(s): 4.0 TO 8.0

Field School in Anthropology. Prerequisite: consent of instructor. 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.

ANTH 4560 ADVANCED FIELD SCHOOL IN ANTH

Credit Hour(s): 4.0 TO 8.0

Advanced Field School in Anthropology. Prerequisite: Anth 4550 with grade of B or higher, or consent of instructor. 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.

ANTH 4590 ARCHAEOLOGICAL METHODS

Credit Hour(s): 4.0

Archaeological Methods. Prerequisite: Anth 2030 with grade of C or higher, or consent of instructor. Data recovery techniques, analytic methods, and theoretical concepts. Experience with archaeological materials.

ANTH 4600 ARCHAEOLOGICAL THEORY

Credit Hour(s): 4.0

Archaeological Theory. Prerequisite: Anth 2030 with grade of C or higher, or consent of instructor. 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 METHODS IN SOCIOCULTURAL ANTH

Credit Hour(s): 3.0

Research Methods in Sociocultural Anthropology. Prerequisite: Anth 2020 with grade of C or higher. 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 Hour(s): 3.0 TO 9.0

Anthropology Internship. Prerequisites: approval of sponsoring faculty advisor and department chair. 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.

ANTH 4870 HONORS THESIS: RESEARCH

Credit Hour(s): 3.0

Honors Thesis: Research. Prerequisites: Consent of the instructor and Honors Program Director. Reading or research preparatory to honors thesis or project.

ANTH 4880 HONORS THESIS: WRITING

Credit Hour(s): 3.0 TO 6.0

Honors Thesis or Project. Prerequisite: Anth 4870, consent of instructor and Honors Program director. Writing or production of honors thesis or project.

ANTH 4970 SENIOR SEM IN ANTHROPOLOGY-CTW

Credit Hour(s): 3.0

Senior Seminar in Anthropology-CTW. Prerequisites: 75 hours; Anth 4020 or Anth 4600 with grade of C or higher. 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 Hour(s): 3.0

Selected Topics-CTW. Prerequisite: Anth 2010, Anth 2020, or Anth 2030 with grade of C or higher, or instructor's consent. 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 Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

ARBC ARABIC

ARBC 1001 ELEMENTARY ARABIC I

Credit Hour(s): 4.0

Elementary Arabic I. 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 Hour(s): 4.0

Elementary Arabic II. Prerequisite: Arbc 1001 with grade of C or higher, or equivalent. 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 Hour(s): 8.0

Intensive Elementary Arabic. 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 Hour(s): 4.0

Intermediate Arabic I. Prerequisite: Arbc 1002 with grade of C or higher, or equivalent. 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 Hour(s): 4.0

Intermediate Arabic II. Prerequisite: Arbc 2001 with grade of C or higher, or equivalent. 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 Hour(s): 4.0

Advanced Arabic I. Prerequisite: Arbc 2002 with grade of C or higher, or equivalent. 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 Hour(s): 4.0

Advanced Arabic II. Prerequisite: Arbc 3001 with grade of C or higher, or equivalent. Continued advanced study, complemented by readings from authentic print media.

ARBC 3100 SPOKEN ARABIC DIALECT

Credit Hour(s): 3.0

Spoken Arabic Dialect. 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 LIT & CULTURE

Credit Hour(s): 3.0

Classical Arabic Literature and Culture. 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.

ARBC 4502 MODERN ARABIC LIT IN TRANS

Credit Hour(s): 3.0

Modern Arabic Literature in Translation. This course is an introduction to the Arabic literature of the modern period, the literature of the twentieth and the twenty-first centuries. It will discuss the emergence and development of the three new genres in the Arabic literary tradition under the influence of European and American literatures, the novel, drama and the short story. It will also cover the major trends and movements, especially the radical departure of the Arabic modernist lyric from the traditional Qasida (poem) under the influence of European poetry. Texts by major writers of these four genres. Theoretical and critical essays. All readings in English translation. No knowledge of Arabic is required.

ARBC 4503 THE QURAN AS LITERATURE

Credit Hour(s): 3.0

The Quran as Literature. 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 Hour(s): 1.0 TO 6.0

Arabic Study Abroad. Prerequisite: Consent of instructor. Provides Arabic instruction within an immersion environment in host country. Location of study abroad may vary.

ARBC 4890 INDEPENDENT STUDY

Credit Hour(s): 1.0 TO 4.0

Independent Study in Arabic. Prerequisite: Consent of instructor. Advanced reading course in Arabic tailored to subject interests of students.

ARBC 4999 DIRECTED READINGS

Credit Hour(s): 1.0 TO 4.0

Directed Readings. Prerequisite: consent of instructor. Advanced reading course tailored to subject interests of students.

ART ART

ART 1010 DRAWING I

Credit Hour(s): 3.0

Drawing I. Introduction to the techniques, materials, and principles of drawing. Lab Fee: $20.00.

ART 1020 TWO-DIMENSIONAL DESIGN

Credit Hour(s): 3.0

Two-Dimensional Design. The fundamentals of two-dimensional design introduced through projects in a variety of media.

ART 1030 THREE-DIMENSIONAL DESIGN

Credit Hour(s): 3.0

Three-Dimensional Design. The fundamentals of three-dimensional design introduced through projects in a variety of media.

ART 1050 INTRODUCTORY STUDIO

Credit Hour(s): 3.0

Introductory Studio. This course is designed to be an introduction to the practices, processes and ideas of a creative artist. Lab Fee: $20.00.

ART 3400 SPACE,SCALE,TIME:DIGITAL POSS

Credit Hour(s): 3.0

Space, Scale, Time: Digital Possibilities. Prerequisite: Consent of instructor or BFA studio major status required (AB Studio major ineligible). Fine arts studio introduction to electronic/digital media. Lab Fee: $20.00.

ART 3690 HONORS READINGS

Credit Hour(s): 1.0 TO 6.0

Honors Readings. Prerequisites: consent of instructor and Honors Program director. Discussion and readings on selected topics.

ART 3910 CRIT ISSUES IN CONTEMP ART-CTW

Credit Hour(s): 3.0

Critical Issues in Contemporary Art-CTW. Prerequisite: 18 credit hours in art. 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 Hour(s): 3.0

Directed Study-CTW. Prerequisites: Art 3910 and two courses from the Studio Concentration (3000/4000 level, select from one discipline previously studied). 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.

ART 4870 HONORS THESIS: RESEARCH

Credit Hour(s): 1.0 TO 6.0

Honors Thesis: Research. Prerequisite: consent of instructor and Honors Program director. Readings or research preparatory to honors thesis or project.

ART 4880 HONORS THESIS: WRITING

Credit Hour(s): 1.0 TO 6.0

Honors Thesis: Writing. Prerequisite: consent of instructor and Honors Program director. Writing or production of honors thesis or project.

ART 4980 SPECIAL PROBLEMS

Credit Hour(s): 1.0 TO 6.0

Special Problems. Prerequisites: consent of instructor and School director. Independent studies initiated by the student.

ART 4995 DIRECTED READINGS B.I.S.-CTW

Credit Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

AS ACTUARIAL SCIENCE

AS 4140 PROBABILITY STATS

Credit Hour(s): 3.0

Mathematical Foundations of Actuarial Science. Prerequisite: RMI 3750; MATH 4751. CSP: 2. Requires a 2.5 GSU GPA and 45 semester hours. 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 Hour(s): 3.0

Theory of Interest. Prerequisite: Math 2215. CSP: 2. Requires a 2.5 GSU GPA and 45 semester hours. 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 MICROECO FOUNDATIONS AS

Credit Hour(s): 3.0

Microeconomic Foundations of Actuarial Science. Prerequisite: Econ 2106 and concurrent registration in AS 4230. CSP: 1. Requires a 2.5 GSU GPA and 45 semester hours. This course covers the applications of interest theory and calculus to intermediate microeconomics in an actuarial context.

AS 4320 INTRO STOCHASTIC MODELS

Credit Hour(s): 3.0

Introduction to Stochastic Actuarial Models. Prerequisite: AS 4130. CSP: 2. Requires a 2.5 GSU GPA and 45 semester hours. 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 Hour(s): 3.0

Life Contingencies I. Prerequisite: AS 4130, 4230. Requires a 2.5 GSU GPA and 45 semester hours. CSP: 2. 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 Hour(s): 3.0

Life Contingencies II. Prerequisite: AS 4340. Requires a 2.5 GSU GPA and 45 semester hours. CSP: 2. 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 DIR READ IN ACT SCI

Credit Hour(s): 1.0 TO 3.0

Directed Readings in Actuarial Science. Prerequisite: consent of instructor.

AS 4510 DERIVATIVE VALUATION

Credit Hour(s): 3.0

Derivative Valuation and Risk Management. Prerequisites: Math 2212 or Fi 4000 or permissions of instructor. CSP: 1, 2, 5, 6, 7. 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.

ASTR ASTRONOMY

ASTR 1000 INTRODUCTION TO THE UNIVERSE

Credit Hour(s): 3.0

Introduction to the Universe. 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 Hour(s): 4.0

Astronomy of the Solar System. 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 & GALACTIC ASTRONOMY

Credit Hour(s): 4.0

Stellar and Galactic Astronomy. Prerequisite: Astr 1010 with grade of D or higher. 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 Hour(s): 3.0

Topics in Modern Astronomy. Prerequisite: Astr 1020 with grade of D or higher, or equivalent. 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 Hour(s): 4.0

Quantitative Astronomy. Prerequisite: Phys 2212K with grade of C or higher, or consent of instructor. 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 Hour(s): 3.0

Fundamentals of Astrophysics. Prerequisites: Phys 3401 with a grade of C or higher. 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 4010 ASTRONOMICAL METHODS LAB

Credit Hour(s): 1.0

Astronomical Methods Laboratory. Prerequisite: consent of department. Three laboratory hours a week.

ASTR 4100 ASTRO TECHNIQS/INSTRUMENTATION

Credit Hour(s): 3.0

Astronomical Techniques and Instrumentation. Prerequisite: Phys 2212K with grade of C or higher, or consent of instructor. 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 4995 DIRECTED READINGS B.I.S.-CTW

Credit Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

BCOM BUSINESS COMMUNICATION

BCOM 3950 BCOM & PROF DEVEL

Credit Hour(s): 3.0

Business Communication and Professional Development. Prerequisites: Eng 1101, Engl 1102. Requires a 2.5 GSU GPA. CSP: 1, 6, 7. 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.

BIOL BIOLOGY

BIOL 1103K INTRODUCTORY BIOLOGY I

Credit Hour(s): 4.0

Introductory Biology I. 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 Hour(s): 4.0

Introductory Biology II. Prerequisite: Biol 1103K or 1107K with grade of D or higher. 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 1110K HUMAN ANATOMY & PHYSIOLOGY I

Credit Hour(s): 4.0

Human Anatomy & Physiology I. Three lecture and three laboratory hours a week. Recent course work in biology or chemistry is recommended. Survey of the major organ systems in the human body. Chemical principles related to physiology are included.

BIOL 1120K HUMAN ANATOMY & PHYSIOLOGY II

Credit Hour(s): 4.0

Human Anatomy and Physiology II. Prerequisite: Biol 1110K with grade of C or higher. Three lecture and three laboratory hours a week. Survey of the major organ systems in the human body. Chemical principles as related to physiology are included.

BIOL 2050 INTRO TO DRUGS & BEHAVIOR

Credit Hour(s): 3.0

Introduction to Drugs and Behavior. (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 INTRO TO BIOLOGICAL INQUIRY

Credit Hour(s): 2.0

Introduction to Biological Inquiry. 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 2107K PRINCIPLES OF BIOLOGY I

Credit Hour(s): 4.0

Principles of Biology I. Prerequisite: Chem 1211K with grade of C or higher. 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 Hour(s): 4.0

Principles of Biology II. Prerequisites: Biol 2107K or Biol 2800; and Chem 1211K with grades of C or higher. 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 2240 INTRO TO HUMAN PHYSIOLOGY

Credit Hour(s): 3.0

Introduction to Human Physiology. Prerequisite: Biol 1104K, 1108K, or 2108K with grade of C or higher. Three lecture hours a week. Major organ systems with emphasis on homeostatic mechanisms in health and disease.

BIOL 2250 HUMAN PHYSIOLOGY LAB

Credit Hour(s): 1.0

Human Physiology Laboratory. Prerequisite: Biol 2240 with grade of D or higher, or concurrently. Three laboratory hours a week. Exercises dealing with major organ systems. Recommended for health sciences students.

BIOL 2300 MICROBIOLOGY & PUBLIC HEALTH

Credit Hour(s): 3.0

Microbiology and Public Health. Prerequisites: one year each of high school biology and chemistry recommended. 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 FUNDAMENTAL MICROBIOLOGY LAB

Credit Hour(s): 1.0

Microbiology and Public Health Laboratory. Prerequisite: Biol 2300 with grade of D or higher, or concurrently. Three laboratory hours a week. Basic laboratory techniques for culture and identification of bacteria.

BIOL 2430 FRONTIERS IN BIOTECHNOLOGY

Credit Hour(s): 2.0

Frontiers in Biotechnology. Prerequisites: Biol 1104K, 1108K, or 2108K, and Chem 1212K with grades of C or higher. 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 Hour(s): 2.0

Neurobiology and Behavior. Prerequisites: Biol 1104K, 1108K, or 2108K, and Chem 1212K with grades of C or higher. 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 INTRO TO MOLECULAR BIOLOGY

Credit Hour(s): 2.0

Introduction to Molecular Biology. Prerequisite: Biol 1104K, Biol 1108K, or Biol 2108K with grade of C or higher, or concurrently, or equivalent. 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 Hour(s): 3.0

Introduction to Marine Biology. Prerequisite: Biol 1104K, 1108K, or 2108K with grade of C or higher. 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 & SOCIETY

Credit Hour(s): 3.0

Infectious Disease and Society. Prerequisite: Biol 1104K or 2108K with grade of C or higher. 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 Hour(s): 3.0

Human Physiology. Prerequisites: Biol 1104K, 1108K, or 2108K, and Chem 1212K with grades of C or higher, or consent of instructor. Three lecture hours a week. Integrative physiology of major organ systems, with emphasis on homeostatic mechanisms in health and disease.

BIOL 3250 HUMAN PHYSIOLOGY LAB

Credit Hour(s): 1.0

Human Physiology Laboratory. Prerequisite: Biol 3240 with grade of C or higher, or concurrently. Three laboratory hours a week. Exercises dealing with the physiology of the major organ systems.

BIOL 3430 BIOTECHNOLOGY

Credit Hour(s): 3.0

Biotechnology. Prerequisites: Biol 2108K and Chem 1212K with grades of C or higher. 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 Hour(s): 3.0

Fundamentals of Evolution. Prerequisite: Biol 2108K with grade of C or higher. 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 READINGS

Credit Hour(s): 1.0 TO 3.0

Honors Reading. Prerequisites: consent of the instructor and Honors Program director. Discussion and readings on selected topics.

BIOL 3800 MOLECULAR CELL BIOLOGY

Credit Hour(s): 3.0

Molecular Cell Biology. Prerequisites: Biol 2108K or Biol 2800; and Chem 1212K with grades of C or higher. 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 BIO LAB-CTW

Credit Hour(s): 3.0

Molecular Cell Biology Laboratory-CTW. Prerequisite: Biol 3800 with grade of C or higher, or concurrently. 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 Hour(s): 3.0

Plant Biology. Prerequisites: Biol 2108K and 3800 (or concurrently) with grades of C or higher, or equivalents. Three lecture hours a week. Dynamic aspects of plant function, structure, and growth.

BIOL 3840 ANIMAL BIOLOGY

Credit Hour(s): 3.0

Animal Biology. Prerequisites: Biol 2108K and 3800 (or concurrently) with grades of C or higher, or equivalents. Three lecture hours a week. Comparative analysis of the behavior, physiology, anatomy, phylogeny, evolution, and ecology of animals.

BIOL 3850 ANIMAL BIOLOGY LAB

Credit Hour(s): 1.0

Animal Biology Laboratory. Prerequisites: Biol 3810 and Biol 3840 (or concurrently) with grades of C or higher. Three laboratory hours a week. Comparative structure and function of representative animal types.

BIOL 3880 MICROBIOLOGY

Credit Hour(s): 3.0

Microbiology. Prerequisites: Biol 2108K and 3800 with grades of C or higher, or equivalents. 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 LAB

Credit Hour(s): 1.0

Microbiology Laboratory. Prerequisites: Biol 3810 and Biol 3880 (or concurrently) with grades of C or higher, or equivalents. 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 Hour(s): 3.0

Genetics. Prerequisites: Biol 2108K and 3800 with grades of C or higher or equivalent course work. 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 Hour(s): 1.0

Genetics Laboratory. Prerequisites: Biol 3810 and Biol 3900 (or concurrently) with grades of C or higher. Three laboratory hours a week. Experiments demonstrating concepts in genetics.

BIOL 3990 INDEPENDENT READINGS

Credit Hour(s): 2.0

Independent Readings. Prerequisites: Biol 3800 with grade of C or higher, and consent of instructor. 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 Hour(s): 3.0

Mathematical Biology. Prerequisite: Math 2212 or Math 1220 with grade of C or higher. (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 4014K INVERTEBRATE BIOLOGY

Credit Hour(s): 4.0

Invertebrate Biology. Prerequisites: Biol 3840 and 3850 with grades of C or higher, or equivalent course work. Three lecture and three laboratory hours a week. Structure, function, distribution, and taxonomic relationships of invertebrate animals.

BIOL 4015K VERTEBRATE BIOLOGY

Credit Hour(s): 4.0

Vertebrate Biology. Prerequisites: Biol 3840 and 3850 with grades of C or higher, or equivalent course work, or consent of instructor. Three lecture and three laboratory hours a week. Diversity, taxonomy, structure, function, distribution, and ecology of living and extinct vertebrates.

BIOL 4045K GENERAL ECOLOGY-CTW

Credit Hour(s): 4.0

General Ecology-CTW. Prerequisite: Biol 3840 with a grade of C or higher, or equivalent course. 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 NATURAL ENVIRONMENT OF GEORGIA

Credit Hour(s): 4.0

The Natural Environment of Georgia. Prerequisite: Biol 1104K, 1108K or 2108K with grade of C or higher, or equivalent. Three lecture hours a week with a one day weekend lab every other weekend. Principles involved in the structure and function of Georgia's dwindling, but diverse, ecosystems. Locations, diversity, and indicator species will be examined in the classroom and in the field.

BIOL 4074 DEVELOPMENTAL BIOLOGY

Credit Hour(s): 4.0

Developmental Biology. Prerequisites: Biol 3840 and 3900 with grades of C or higher. Four lecture hours a week. Introduction to developmental biology emphasizing cellular, genetic, and molecular aspects and mechanisms of development.

BIOL 4094 DEVELOPMENTAL NEUROBIOLOGY

Credit Hour(s): 4.0

Developmental Neurobiology. Prerequisite: Biol 3800 with grade of C or higher, or equivalent. 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 Hour(s): 4.0

Neurobiology. Prerequisites: Biol 3800 and 3840 with grades of C or higher, or equivalent. 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 Hour(s): 4.0

Zoo Biology. Prerequisite: Biol 3840 with grade of C or higher, or equivalent. 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 Hour(s): 4.0

Medical Neuroanatomy. Prerequisite: Biol 3840 with grade of C or higher, or equivalent. Four lecture hours per week. Human brain and spinal cord functional neuroanatomy and associated pathologies.

BIOL 4130 SENSATION AND PERCEPTION

Credit Hour(s): 3.0

Sensation and Perception. Prerequisite: Biol 3840 with grade of C or higher, or equivalent. (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 4240 ENDOCRINOLOGY

Credit Hour(s): 4.0

Endocrinology. Prerequisite: Chem 3410 with grade of C or higher, or equivalent course work; Chem 4600 is recommended. 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 Hour(s): 4.0

Hormones and Behavior. Prerequisite: Biol 3840 with grade of C or higher, or equivalent. (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 Hour(s): 4.0

Circadian Rhythms. Prerequisite: Biol 3840, Psyc 2050, or Psyc 4110 with grade of C or higher, or equivalent. 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 Hour(s): 4.0

Advanced Human Physiology. Prerequisites: Biol 2240 or Biol 3240, and Biol 3800 with grades of C or higher, or equivalents. The circulatory, respiratory, gastrointestinal, and renal physiological systems will be emphasized.

BIOL 4248 CELL PHYSIOLOGY

Credit Hour(s): 4.0

Cell Physiology. Prerequisites: Biol 3840, 3880, 3900, and Chem 3410 with grades of C or higher, or equivalent. 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 Hour(s): 4.0

Cell Cycle and Cancer-CTW. Prerequisite: Biol 3800 with a C or better. 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 Hour(s): 4.0

Immunology. Prerequisites: Biol 3880 and 3900 with grades of C or higher, or equivalent course work. 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 IMMUN OF INFECT DISEASES-CTW

Credit Hour(s): 4.0

Immunology of Infectious Diseases-CTW. Prerequisites: Biol 3880 and Biol 3900 with grades of C or higher, or equivalent course work. 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 Hour(s): 4.0

Tumor Immunology-CTW. Prerequisite: Biol 3800 with grade of C or higher. 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 4428 MEDICAL MICROBIOLOGY

Credit Hour(s): 4.0

Medical Microbiology. Prerequisite: Biol 3880 with grade of C or higher, or equivalent course work. 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/SYSTEMATCS

Credit Hour(s): 4.0

Microbial Diversity/Systematics. Prerequisite: Biol 3880 with grade of C or higher. 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 Hour(s): 4.0

Applied Microbiology. Prerequisite: Biol 3880 with grade of C or higher, or equivalent course work. Four lecture hours a week. Microbiology of industrial processes, including quality control, fermentations, biotransformations, strain selection, and maintenance.

BIOL 4450 MOLECULAR MODELING METHODS

Credit Hour(s): 2.0

Molecular Modeling Methods. Prerequisites: Chem 3410 and Chem 4110 with grades of C or higher, or equivalent work, and consent of the instructor. (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 & TOXICOLOGY

Credit Hour(s): 4.0

Aquatic Pollution and Toxicology. Prerequisites: Biol 2108K and Chem 1212K with grades of C or higher, or equivalent. 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 & METABOLISM

Credit Hour(s): 4.0

Microbial Ecology and Metabolism. Prerequisites: Biol 3880 and Chem 2400 with grades of C or higher, or equivalent course work. 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 Hour(s): 4.0

Parasitology. Prerequisite: Biol 3800 with grade of C or higher or consent of instructor. 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 Hour(s): 4.0

Principles of Toxicology. Prerequisite: Biol 1104K, 1108K, or 2108K with grade of C or higher, or equivalent course work. 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 LAB TECH:APPLD & ENVIRON MICRO

Credit Hour(s): 4.0

Laboratory Techniques in Applied and Environmental Microbiology. Prerequisites: Biol 3880, 3890, or equivalent course work and at least two of the following: Biol 4438, 4458, 4481 with grades of C or higher. 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 Hour(s): 4.0

Human Genetics. Prerequisite: Biol 3900 with grade of C or higher, or equivalent. 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 4564 ADVANCED GENETICS

Credit Hour(s): 4.0

Advanced Genetics. Prerequisite: Biol 3900 with grade of C or higher. 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 ONCOLOGY

Credit Hour(s): 4.0

Oncology. Prerequisite: Biol 3900 with grade of C or higher. Etiology, pathology, mechanisms of metastasis and treatment of cancer. Students will also analyze current primary literature in the field.

BIOL 4575 VIROLOGY

Credit Hour(s): 4.0

Virology. Prerequisites: Biol 3880 and 3900 with grades of C or higher, or equivalent course work. 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 Hour(s): 4.0

Neurovirology. Prerequisite: Biol 3800 with grade of C or higher. 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 Hour(s): 4.0

Microbial Pathogenesis. Prerequisite: Biol 3880 and Biol 3900 with grades of C or higher, or equivalent course work. 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 PHYSIOLGY & GENETCS

Credit Hour(s): 4.0

Microbial Physiology and Genetics. Prerequisites: Biol 3880 and Biol 3900 with grades of C or higher. 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 HIST OF SCIENCE & TECHNOLOGY

Credit Hour(s): 4.0

History of Science and Technology. Prerequisite: Biol 2108K with grade of C or higher. 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 Hour(s): 3.0

Enzymology. Prerequisites: one year of organic chemistry (Chem 3410) and one semester of biochemistry (Chem 4600) with grades of C or higher, or equivalent. (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 Hour(s): 4.0

Fundamentals of Bioinformatics. Prerequisites: Biol 3800 with grade of C or higher, or equivalent, or written approval of instructor. (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 4680 BIOLOGICAL IMAGING

Credit Hour(s): 4.0

Biological Imaging. Prerequisites: Biol 3800 and Phys 1112K or Phys 2212K with grades of C or higher, or equivalent. 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 Hour(s): 4.0

Functional Histology-CTW. Prerequisites: Biol 3800 and Biol 3240 with grades of C or higher, or equivalent. 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 Hour(s): 4.0

Pathophysiology. Prerequisites: Biol 3800 and 3240 with grades of C or higher or equivalent, or consent of instructor. 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 & PRACT

Credit Hour(s): 4.0

Biosafety: Principles and Practice. Prerequisites: Biol 3800 with grade of C or higher, or equivalent, or consent of instructor. 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 LAB IN MOLEC BIOL TECHNIQUES

Credit Hour(s): 4.0

Laboratory in Molecular Biological Techniques. Prerequisites: Biol 3900 with a grade of C or higher. 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 Hour(s): 3.0

Biostatistics. Prerequisites: Math 2211 and Biol 2108K with grades of C or higher, or equivalents. (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 Hour(s): 3.0

Biomolecular Simulations. Prerequisites: Chem 3410 and Chem 4120 or equivalents with grades of C or higher, or consent of instructor. (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 Hour(s): 4.0

Principles of Cellular Biology. Prerequisites: Biol 3800, Biol 3900, and Chem 1211K with grades of C or higher, or consent of instructor. 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 Hour(s): 3.0 TO 6.0

Honors Thesis: Research. Prerequisites: consent of instructor and Honors Program director. Readings or research preparatory to honors thesis or project.

BIOL 4880 HONORS THESIS: WRITING

Credit Hour(s): 3.0

Honors Thesis: Writing. Prerequisites: Biol 4870 with grade of C or higher, or equivalent and consent of instructor and Honors Program director. Writing or production of honors thesis or project.

BIOL 4900 DIR LAB STUDY

Credit Hour(s): 2.0

Directed Laboratory Study. Co-requisite: Biol 4910 or equivalent. 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 Hour(s): 2.0 TO 4.0

Theme-Based Biology Laboratory. Prerequisite: Biol 3810 with grade of C or higher. 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 UNDERGRAD RESEARCH IN BIOLOGY

Credit Hour(s): 1.0 TO 5.0

Undergraduate Research in Biology. Prerequisites: at least 20 hours in biology and consent of instructor. Independent laboratory investigation of common interest to student and instructor. May be repeated once.

BIOL 4911 INTERNSHIP IN ZOO RESEARCH

Credit Hour(s): 3.0

Internship in Zoo Research. Prerequisite: Biol 4104 with grade of C or higher, or equivalent. 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.

BIOL 4912 ZOO INTERNSHIP IN ANIMAL MGMT

Credit Hour(s): 3.0

Zoo Internship in Animal Management. Prerequisite: Biol 4104 with grade of C or higher, or equivalent. 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.

BIOL 4913 GEORGIA AQUARIUM INTERNSHIP I

Credit Hour(s): 2.0

Georgia Aquarium Internship I. Prerequisite: Biol 3020 with grade of B or higher, or consent of instructor. 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.

BIOL 4914 GEORGIA AQUARIUM INTERNSHIP II

Credit Hour(s): 2.0

Georgia Aquarium Internship II. Prerequisites: Biol 4913 with grade of S and consent of instructor. 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).

BIOL 4915 COLLAB INTERNSHIPS IN BIOLOGY

Credit Hour(s): 2.0

Collaborative Internships in Biology. Prerequisite: consent of instructor. Students engage in off-campus internship training arranged through collaboration with biology faculty members. May be taken for credit a maximum of two times.

BIOL 4916 INTERNSHIPS IN BIOLOGY

Credit Hour(s): 2.0

Internships in Biology. Prerequisite: consent of instructor. 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.

BIOL 4930 TOPICS IN BIOLOGY

Credit Hour(s): 3.0 TO 4.0

Topics in Biology. Prerequisite: consent of instructor. 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 Hour(s): 1.0

Biology Careers Seminar Prerequisite: Biol 3800 with grade of C or higher. 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 maximun of two times.)

BIOL 4970 BIOLOGY SEMINAR

Credit Hour(s): 1.0

Biology Seminar. Prerequisite: at least 20 hours in biology. Current research topics in biology. May be repeated for credit a maximum of two times.

BIOL 4980 SENIOR SEMINAR-CTW

Credit Hour(s): 3.0

Senior Seminar-CTW. Prerequisites: Biol 3810, Biol 3880, and Biol 3900 with grades of C or higher. 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 Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. 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 INTRO ADM/ORGAN PROGS YNG CHLD

Credit Hour(s): 3.0

Introduction to Administration and Organization of Programs for Young Children. Prerequisite: EDUC 2300. 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 PROFESS/ETHICAL PRACTICE-CTW

Credit Hour(s): 3.0

BRFV 3250 Professional and Ethical Practice-CTW. 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 Hour(s): 3.0

Child Guidance Birth to Five. Prerequisite: EDUC 2300. 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 LANG/LITERACY/COGNITION-CTW

Credit Hour(s): 3.0

Language, Literacy, and Cognition-CTW. Prerequisite: EDUC 2300. 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 & TODDLERS

Credit Hour(s): 4.0

Methods for Infants and Toddlers. Prerequisite: EDUC 2300. 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 MTHDS PRE-K/KINDERGARTEN CHILD

Credit Hour(s): 4.0

Methods for Pre-Kindergarten and Kindergarten Children. Prerequisite: EDUC 2300. 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/COMMUNITY RELATIONSHIPS

Credit Hour(s): 3.0

Family and Community Relationships. Prerequisite: EDUC 2152. 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 4661 STUDENT TEACHING BIRTH - FIVE

Credit Hour(s): 9.0 TO 12.0

Student Teaching Birth Through Five. Prerequisites: All courses. 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.

BUSA BUSINESS ADMINISTRATION--UGRAD

BUSA 2106 LEGAL ENVIRONMENT OF BUS

Credit Hour(s): 3.0

The Legal Environment of Business. Prerequisite: none. CSP: 1, 6. 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 GLOBAL AND BUS PRACTICES-CTW

Credit Hour(s): 3.0

Globalization and Business Practice-CTW. Prerequisite: Requires a 2.5 GSU GPA and 45 semester hours. CSP: 1, 2, 6, 7. 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.

BUSA 4980 STRATEGIC MANAGEMENT

Credit Hour(s): 3.0

Strategic Management. Prerequisites: Bcom 3950 or Engl 3130, BusA 2106, Busa 3000, Fi 3300, Mgs 3100, Mgs 3400, Mk 3010: completion of four upper-level major courses. CSP: 1, 2. Requires a 2.5 GSU GPA and 45 semester hours. 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 E COMPREHENSIVE EXIT EXAM

Credit Hour(s): 0.0

Comprehensive Exit Exam. 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.

CHEM CHEMISTRY

CHEM 1050 CHEMISTRY FOR CITIZENS

Credit Hour(s): 3.0

Chemistry for Citizens. Prerequisite: high school chemistry recommended. 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 Hour(s): 4.0

Introductory Chemistry I. 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 Hour(s): 4.0

Introductory Chemistry II. Prerequisite: Chem 1101K with grade of D or higher. 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 Hour(s): 4.0

Survey of Chemistry I. 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 Hour(s): 4.0

Survey of Chemistry II. Prerequisite: Chem 1151K with grade of D or higher, or its exemption. 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 CHEM I CONCEPT DEVELOPMENT

Credit Hour(s): 1.0

Chemistry I Concept Development. Prerequisite: concurrent enrollment in Chem 1211K. 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 CHEM I PROBLEM SOLVING

Credit Hour(s): 2.0

Chemistry I Problem Solving. Prerequisite: concurrent enrollment in Chem 1211K. 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 CHEM II CONCEPT DEVELPMENT

Credit Hour(s): 1.0

Chemistry II Concept Development. Prerequisite: Concurrent enrollment in Chem 1212K. 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 Hour(s): 4.0

Principles of Chemistry I. Prerequisite: One year of high school chemistry or the equivalent and authorization by department. 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 Hour(s): 4.0

Principles of Chemistry II. Prerequisite: Chem 1211K with grade of D or higher. (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 INTRO TO QUANTITATIVE ANALYSIS

Credit Hour(s): 2.0

Quantitative Analysis. Prerequisite: Chem 1212K with grade of C or higher. 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 Hour(s): 4.0

Organic Chemistry I. Prerequisite: Chem 1212K with grade of D or higher. 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 Hour(s): 1.0

Organic Chemistry Problems I. Corequisite: concurrent registration in Chem 2400. 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 Hour(s): 2.0 TO 5.0

Chemical Research. Prerequisite: Prior approval by the supervisor of a proposed plan of study. Supervised chemical laboratory research at the lower undergraduate level. Specific topics selected by the student in consultation with the supervisor.

CHEM 3100 ORGANIC CHEMISTRY LAB I

Credit Hour(s): 2.0

Organic Chemistry Laboratory I. Prerequisites: Chem 1212K with grade of C or higher, and concurrent enrollment in Chem 2400. 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 LAB II

Credit Hour(s): 2.0

Organic Chemistry Laboratory II. 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). 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 Hour(s): 4.0

Organic Chemistry II. Prerequisite: Chem 2400 with grade of C or higher. 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 Hour(s): 1.0

Organic Chemistry Problems II. Corequisite: concurrent registration in Chem 3410. 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 3690 HONORS READINGS

Credit Hour(s): 1.0 TO 3.0

Honors Readings. Prerequisite: consent of the instructor and Honors Program director. Discussion and readings on selected topics.

CHEM 4000 FUND OF CHEMICAL ANALYSIS-CTW

Credit Hour(s): 3.0

Fundamentals of Chemical Analysis-CTW. 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. 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 ANAL. CHEM.

Credit Hour(s): 2.0

Problem Solving in Analytical Chemistry. 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 INST METHODS I: CHROMATOGRPHY

Credit Hour(s): 3.0

Instrumental Methods I: Chromatography. Prerequisite: Chem 4000 with grade of C or higher. Corequisite: Chem 4110. 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 Hour(s): 3.0

Separation in Biosciences. Prerequisites: Chem 4000 and 4010 with grades of C or higher, or equivalent. 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 INTRO FOUR-TRANS NMR SPECTRO

Credit Hour(s): 2.0

Introduction to Fourier-Transform NMR Spectroscopy. Prerequisites: demonstrated research need and approval of the department chair. Introduction to techniques of Fourier-Transform Nuclear Magnetic Resonance Spectroscopy.

CHEM 4100 CHEMICAL LITERATURE

Credit Hour(s): 3.0

Chemical Literature. Prerequisites: Chem 3110 with grade of C or higher, or equivalent, and consent of instructor. Introduction to the chemical literature. Emphasis on literature searching via database services.

CHEM 4110 PHYSICAL CHEMISTRY I

Credit Hour(s): 3.0

Physical Chemistry I. 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. 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 Hour(s): 2.0

Physical Chemistry Problems I. Corequisite: concurrent registration in Chem 4110. 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 Hour(s): 3.0

Physical Chemistry II. Prerequisite: Chem 4110 with grade of C or higher. 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 Hour(s): 2.0

Physical Chemistry Problems II. Corequisite: concurrent registration in Chem 4120. 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 INTRO TO BIOPHYSICAL CHEMISTRY

Credit Hour(s): 3.0

Introduction to Biophysical Chemistry. Prerequisite: Math 2215 with grade of D or higher, or equivalent. Thermodynamics, theories of solution, and principles of dynamics applied to biological systems. Not acceptable for credit toward a BS degree in Chemistry.

CHEM 4160 CHEMISTRY LABORATORY IVA-CTW

Credit Hour(s): 3.0

Chemistry Laboratory IVA-CTW. Prerequisites: Chem 4000 and Chem 4110 with grades of C or higher, or equivalent, and prior selection of special problems. Concurrent enrollment in Chem 4160 and 4170 is not allowed. Laboratory to be arranged. Advanced laboratory problems; independent research. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all chemistry majors.

CHEM 4170 CHEMISTRY LABORATORY IVB

Credit Hour(s): 4.0

Chemical Laboratory IVB. Prerequisites: Chem 4000 and Chem 4110 with grades of C or higher, and prior selection of special problems. Concurrent enrollment in Chem 4160 and 4170 is not allowed. Laboratory to be arranged. Advanced laboratory problems; independent research.

CHEM 4190 INSTR MTHDS III: SPECTROSCOPY

Credit Hour(s): 3.0

Instrumental Methods III: Spectroscopy. Prerequisites: Chem 4000 and 4120 with grades of C or higher. 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 Hour(s): 3.0

Inorganic Chemistry. Prerequisite: Chem 4120 with grade of C or higher. 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 Hour(s): 3.0

Biometallochemistry. Prerequisites: one year of organic chemistry (Chem 3410) and one semester of biochemistry (Chem 4600) with grades of C or higher. 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 Hour(s): 5.0

Metals in Biology and Medicine. Prerequisite: Chem 4600 (Biochemistry I) or equivalent with a grade of C or better. 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 Hour(s): 3.0

Advanced Synthesis. Prerequisites: one year of organic chemistry (Chem 3410) with laboratory (Chem 3110) with grades of C or higher. Two lecture and four laboratory hours a week. Synthesis and characterization of inorganic and organic compounds by modern methodology.

CHEM 4370 POLYMER CHEMISTRY

Credit Hour(s): 3.0

Polymer Chemistry. Prerequisites: Chem 3410 and 4110 with grades of C or higher, or equivalent. 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 Hour(s): 3.0

Mechanistic Organic Chemistry. Prerequisite: one year of organic chemistry (Chem 3410) with grade of C or higher. Experimental approaches to determining the mechanisms of chemical reactions in organic chemistry.

CHEM 4410 BIOORGANIC CHEMISTRY

Credit Hour(s): 3.0

Bioorganic Chemistry. Prerequisite: one year of organic chemistry (Chem 3410) or a course in biochemistry with grade of C or higher. Strategies for designing pharmaceutical agents to inhibit enzymes. This is a writing intensive course.

CHEM 4420 DRUG DISCOVERY

Credit Hour(s): 3.0

Drug Discovery: Theory and Practice. Prerequisites: Chem 2400 and Chem 3410 with grades of C or higher, or consent of the instructor. 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 ADV SYNTH & MECHAN ORGAN CHEM

Credit Hour(s): 3.0

Advanced Synthesis & Mechanism in Organic Chemistry. Prerequisite: Chem 3410 (Organic Chemistry II) with grade of B or higher and consent of instructor. This course focuses on advanced synthetic methodologies and reactions mechanisms.

CHEM 4450 MOLECULAR MODELING METHODS

Credit Hour(s): 3.0

Molecular Modeling Methods. Prerequisites: Chem 3410 and Chem 4110 with grades of C or higher, or equivalent coursework, and consent of instructor. Molecular mechanics/dynamics methods to solve structural problems in organic, bioorganic, and biophysical chemistry. May be repeated if topics are different.

CHEM 4490 SPEC TOPICS IN ORGANIC CHEM

Credit Hour(s): 3.0

Special Topics in Organic Chemistry. Prerequisite: Chem 3410 with grade of C or higher, or equivalent. 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 SPEC TOPICS IN PHYSICAL CHEM

Credit Hour(s): 3.0

Special Topics in Physical Chemistry. Prerequisite: Chem 4120 with grade of C or higher, or equivalent. 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 Hour(s): 5.0

Biochemistry I. Prerequisite: Chem 3410 with grade of C or higher. 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 Hour(s): 3.0

Biochemistry II. Prerequisite: Chem 4600 with grade of C or higher. 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 Hour(s): 3.0

Enzymology. Prerequisites: one year of organic chemistry (Chem 3410) and one semester of biochemistry (Chem 4600) with grades of C or higher. (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 Hour(s): 4.0

Fundamentals of Bioinformatics. Prerequisite: Biol 3800 with grade of C or higher, or written approval of instructor. (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 SYNTH/DRUG DESIGN

Credit Hour(s): 3.0

Nucleic Acid Synthesis and Drug Design. Prerequisite: Chem 3410 (Organic Chemistry II) with grade of C or higher and consent of instructor. Lectures on nucleic acid synthesis, mechanism, therapeutics, and detection. Course may be repeated.

CHEM 4780 BIOMOLECULAR SIMULATIONS

Credit Hour(s): 3.0

Biomolecular Simulations. Prerequisites: Chem 3410 and Chem 4120 or equivalents with grades of C or higher, or consent of instructor. (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 CHEM

Credit Hour(s): 3.0

Advanced Analytical Chemistry. Corequisite: Chem 4110. Advanced theories and methods of analytical chemistry. May be repeated if topics are different.

CHEM 4820 ANALYTICAL LABORATORY

Credit Hour(s): 2.0

Analytical Laboratory. Prerequisite: Chem 4000 with grade of C or higher, or equivalent. 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 Hour(s): 3.0

Bioanalytical Chemistry I. Prerequisites: Chem 4000 and 4190 with grades of C or higher, or equivalent, or consent of instructor. Basic concepts of analytical chemistry as applied to biologically-oriented problems.

CHEM 4860 BIOANALYTICAL CHEMISTRY II

Credit Hour(s): 3.0

Bioanalytical Chemistry II. Prerequisite: Chem 4850 with grade of C or higher, or consent of instructor. Basic principles underlying instrumentation, automation, and laboratory computers used in solving bioanalysis problems.

CHEM 4870 HONORS THESIS: RESEARCH

Credit Hour(s): 3.0

Honors Thesis: Research. Prerequisites: consent of instructor and Honors Program director. Readings or research preparatory to honors thesis or project.

CHEM 4871 ELECTROCHEMICAL METHODS

Credit Hour(s): 3.0

Electrochemical Methods. Prerequisite: Chem 4110 with grade of C or higher, or equivalent. 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 4880 HONORS THESIS: WRITING

Credit Hour(s): 3.0 TO 6.0

Honors Thesis: Writing. Prerequisites: consent of the instructor and Honors Program director. Writing or production of honors thesis or project.

CHEM 4900 ADVANCED RESEARCH METHODS

Credit Hour(s): 2.0

Advanced Research Methods. 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 LAB

Credit Hour(s): 2.0

Theme-Based Chemistry Laboratory. Prerequisite: Biol 3810 with grade of C or higher. 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 Hour(s): 1.0

Seminar in Chemistry. Prerequisite: consent of department. Discussion of current research areas in chemistry.

CHEM 4950 CHEMICAL RESEARCH

Credit Hour(s): 1.0 TO 5.0

Chemical Research. Prerequisite: prior approval of a written program or the proposed work. No more than five credit hours. It is normally assumed that this research will span more than one semester.

CHEM 4995 DIRECTED READINGS B.I.S.-CTW

Credit Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. 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 Hour(s): 3.0

Elementary Chinese I. 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 Hour(s): 3.0

Elementary Chinese II. Prerequisite: Chin 1001 with grade of C or higher, or equivalent. 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 Hour(s): 3.0

Intermediate Chinese I. Prerequisite: Chin 1002 with grade of C or higher, or equivalent. 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 Hour(s): 3.0

Intermediate Chinese II. Prerequisite: Chin 2001 with grade of C or higher, or equivalent. Continuing development of communicative skills in Mandarin Chinese. Further work with the writing system; reading of simple texts; and intermediate grammatical structures.

CHIN 3395 STUDY ABROAD

Credit Hour(s): 3.0

Study Abroad. (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.

CHIN 3396 STUDY ABROAD

Credit Hour(s): 3.0

Study Abroad. (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.

CHIN 3397 STUDY ABROAD

Credit Hour(s): 3.0

Study Abroad. (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.

CHIN 4995 DIRECTED READINGS B.I.S-CTW

Credit Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

CIS COMPUTER INFORMATION SYSTEMS

CIS 1010 EFFECTIVENESS TECHNOLOGY

Credit Hour(s): 3.0

Using Technology for Personal Effectiveness and Collaboration. This course introduces principles for designing a technology environment to enable personal effectiveness and collaboration. Techniques for specifying requirements, identifying alternatives, and making decisions will be demonstrated by evaluating currently available technologies.

CIS 2010 INTRO COMP-BASED INFO SYS

Credit Hour(s): 3.0

Introduction to Computer based Information Systems. Prerequisite: none. CSP: 1. 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 IT PROJECTS

Credit Hour(s): 3.0

Managing Information Technology Projects. Prerequisites: None. CSP: 1, 2, 3, 4, 5, 6. 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 APPL PROGRAMMING

Credit Hour(s): 3.0

End User Applications Programming. Prerequisite: CIS 2010. Requires a 2.5 GSU GPA and 45 semester hours. CSP: 1, 4, 7. 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 INTERMED VISUAL PROG

Credit Hour(s): 3.0

Intermediate Visual Programming. Prerequisite: CIS 3210. Requires a 2.5 GSU GPA and 45 semester hours. CSP: 1, 2, 3, 4, 5, 6, 7, 8. 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 Hour(s): 3.0

Introduction to Programming. Prerequisite: CIS 2010. Requires a 2.5 GSU GPA and 45 semester hours. CSP: 1, 4, 7. 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 APPLICATION PROGRAMMING

Credit Hour(s): 3.0

Internet Programming with Java. Prerequisite: CIS 3260. Requires a 2.5 GSU GPA and 45 semester hours. CSP: 1, 2, 3, 4, 5, 6, 7, 8. 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 Hour(s): 3.0

Systems Analysis. Prerequisite: CIS 2010 or permission of instructor. Requires a 2.5 GSU GPA 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 Hour(s): 3.0

Systems Design. Prerequisite: CIS 3300 and CIS 3270 or CIS 3215, Bcom 3950. Requires a 2.5 GSU GPA and 45 semester hours. semester hours. CSP: 1. 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 TELECOMM FOR BUSINESS

Credit Hour(s): 3.0

Telecommunications for Business. Prerequisite: CIS 2010. Requires a 2.5 GSU GPA and 45 semester hours. CSP: 1, 4, 7. 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 SYS

Credit Hour(s): 3.0

Database Management Systems. Prerequisite: CIS 2010. Requires a 2.5 GSU GPA and 45 semester hours. CSP: 1, 4,

7. 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 COMPUTER FORENSICS

Credit Hour(s): 3.0

Introduction to Computer Forensics. Prerequisites: CIS 2010. CSP: 1, 6, 7. 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 DEFINE AND INNOVATE BP

Credit Hour(s): 3.0

Defining and Innovating Business Processes. Prerequisite: None. Requires a 2.5 GSU GPA and 45 semester hours. CSP: 1, 3, 4, 5, 6, 7. 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 4320 ADVANCES IN NETWORKING

Credit Hour(s): 3.0

Advances in Networking. Prerequisite: CIS 3320. Requires a 2.5 GSU GPA and 45 semester hours. CSP: 1, 2, 3, 4, 5, 6, 7, 8. 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 DIR READ IN INFO SYSTEMS

Credit Hour(s): 1.0 TO 3.0

Directed Readings in Information Systems. Prerequisite: consent of instructor.

CIS 4420 KNOWLEDGE SYSTEMS

Credit Hour(s): 3.0

Knowledge Systems. Prerequisite: CIS 3260. Requires a 2.5 GSU GPA and 45 semester hours. CSP: 1, 2, 3, 4, 5, 6, 7, 8. 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 MGMT OF INFORMATION SERVICES

Credit Hour(s): 3.0

Management of Information Services. Prerequisite: None. CSP. 1,2,3,4,5,6,7. Requires a 2.5 GSU GPA and 45 semester hours. 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 INTRO TO INFOSEC

Credit Hour(s): 3.0

Introduction to Information Security and Privacy Prerequisites: CIS 2010 or instructor consent. CSP: 1, 6, 7. Requires a 2.5 GSU GPA and 45 semester hours. 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 4850 SOFTWARE DEVELOP ENVIR

Credit Hour(s): 3.0

Software Development Environments. Prerequisite: varies depending on topic. Requires a 2.5 GSU GPA and 45 semester hours. CSP: 1, 7. 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 CIS

Credit Hour(s): 3.0

Field Study in Computer Information Systems. Prerequisite: Senior class standing. CSP: 1,2,3,4,5,6,7. Requires a 2.5 GSU GPA and 45 semester hours. 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.

CIS 4980 SYSTEM DEV PROJECT-CTW

Credit Hour(s): 3.0

System Development Projects-CTW. Prerequisite: Math 1070, Mgs 3100, Fi 3300, Mgs 3400, Mk 3010; all required CIS 3000-level courses. Requires a 2.5 GSU GPA and 45 semester hours. CSP: 1, 2, 3, 4, 5, 6, 7, 8. CTW: 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.

CLAS CLASSICAL STUDIES

CLAS 2201 GREEK DRAMA

Credit Hour(s): 3.0

Greek Drama. 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 Hour(s): 3.0

Classical Epic. Iliad and Odyssey of Homer; Epic of Gilgamesh.

CLAS 2203 GREEK & ROMAN MYTHOLOGY

Credit Hour(s): 3.0

Greek and Roman Mythology. Classical mythology and its relation to literature and art.

CPS COUNSELING & PSYCH SERVICES

CPS 2500 CAREER DEVELOP & LIFE PLANNING

Credit Hour(s): 3.0

Career Development and Life Planning. 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 Hour(s): 3.0

Diversity and Human Relations. 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. [course is not repeatable. Formerly numbered CPS 2200]

CPS 3300 INTERPRSNL COMMUNICATION SKILL

Credit Hour(s): 3.0

Interpersonal Communication Skills. 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/LIFESPAN DEVELOPMENT

Credit Hour(s): 3.0

Career and Lifespan Development. 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 CJ

Credit Hour(s): 3.0

Introduction to Criminal Justice. 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 SOC SCI & AM CRIME PROBLEM

Credit Hour(s): 3.0

Social Science and the American Crime Problem. 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 3020 RESEARCH METHODS IN CJ

Credit Hour(s): 3.0

Research Methods in Criminal Justice. Requires a 2.0 GPA. 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 3060 ETHICAL ISSUES IN CJ - CTW

Credit Hour(s): 3.0

Ethical Issues in Criminal Justice (CTW). Requires a 2.0 GPA. 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 CJ SYSTEM

Credit Hour(s): 3.0

Race and the Criminal Justice System. Requires a 2.0 GPA. 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.

CRJU 3100 INTRO TO CRIMINAL JUSTICE

Credit Hour(s): 3.0

Introduction to Criminal Justice. 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 Hour(s): 3.0

Policing in America. Requires a 2.0 GPA. 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 Hour(s): 3.0

Juvenile Offending. Requires a 2.0 GPA. 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 Hour(s): 3.0

Corrections. Requires a 2.0 GPA. 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 Hour(s): 3.0

Prisons and Jails. Requires a 2.0 GPA. 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 Hour(s): 3.0

Criminological Theory. Requires a 2.0 GPA. 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 STAT ANALYSIS IN CJ

Credit Hour(s): 3.0

Statistical Analyses in Criminal Justice. Requires a 2.0 GPA. 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 Hour(s): 3.0

American Criminal Courts. Requires a 2.0 GPA. 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 & INDIVID RIGHTS

Credit Hour(s): 3.0

Policing and Individual Rights. Requires a 2.0 GSU GPA. 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 CJ

Credit Hour(s): 3.0

Gender in Criminal Justice. Requires a 2.0 GPA. This course provides an examination of gender issues and the role they play in offending and criminal justice processing.

CRJU 4020 CJ POLICY ANALYSIS

Credit Hour(s): 3.0

Criminal Justice Policy Analysis Prerequisite- Requires a 2.0 GPA. 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 COMP CRIM JUSTICE SYSTEMS

Credit Hour(s): 3.0

Comparative Criminal Justice Systems. Requires a 2.0 GPA. This course provides an overview and analysis of criminal justice systems - police, courts, and corrections- in selected eastern and western nations.

CRJU 4070 FAMILY VIOLENCE & CJ

Credit Hour(s): 3.0

Family Violence and Criminal Justice. Requires a 2.0 GPA. 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 Hour(s): 3.0

Crime and the Media. Requires a 2.0 GPA. 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 INVESTIGATION

Credit Hour(s): 3.0

Criminal Investigations. Requires a 2.0 GPA. 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 4210 JUVENILE JUSTICE SYSTEM

Credit Hour(s): 3.0

Juvenile Justice System. Requires a 2.0 GPA. 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 Hour(s): 3.0

Juvenile Corrections. Requires a 2.0 GSU GPA. 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 CORRECTIONS

Credit Hour(s): 3.0

Community Based Corrections. Requires a 2.0 GPA. 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 Hour(s): 3.0

Crime Typologies. Requires a 2.0 GPA. 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 Hour(s): 3.0

White Collar Crime. Requires a 2.0 GPA. 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 4500 CRIM JUSTICE MANAGEMENT

Credit Hour(s): 3.0

Criminal Justice Management. Requires a 2.0 GPA. 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 & SOCL CHANGE

Credit Hour(s): 3.0

Law, Justice & Social Change Prerequisite- Requires a 2.0 GPA 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 Hour(s): 3.0

Criminal Procedure. Requires a 2.0 GPA. 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 Hour(s): 3.0

Criminal Law. Requires a 2.0 GPA. 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 4900 SELECTED TOPICS IN CJ

Credit Hour(s): 3.0

Selected Topics in Criminal Justice. Requires a 2.0 GPA. 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 CJ

Credit Hour(s): 3.0

Selected Legal Issues in Criminal Justice. Requires a 2.0 GPA. A course of intense study on selected legal topics arising in the criminal justice system is provided.

CRJU 4920 COMMUNITY POLICING

Credit Hour(s): 3.0

Community Policing. Requires a 2.0 GPA. 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 CJ-CTW

Credit Hour(s): 3.0

Internship Seminar in Criminal Justice. Corequisite: CRJU 4940. For Criminal Justice majors only. Requires a 2.0 GPA. This course focuses on the integration and application of knowledge from the criminal justice core and related courses to the student's internship or work experience. 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.

CRJU 4940 CRIM JUST FIELD INSTRUC

Credit Hour(s): 3.0

Criminal Justice Field Instruction. Corequisite: CrJu 4930. For Criminal Justice majors only. Requires a 2.0 GPA. 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. 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.

CRJU 4960 DOMESTIC TERRORISM

Credit Hour(s): 3.0

Domestic Terrorism. Requires a 2.0 GPA. 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 CRIM JUSTICE

Credit Hour(s): 1.0 TO 3.0

Readings in Criminal Justice. Prerequisite: Consent of instructor. Requires a 2.0 GPA. This course permits selected qualified students to pursue an approved topic through independent study under the direction of a faculty member.

CSC COMPUTER SCIENCE

CSC 1010 COMPUTERS & APPLICATIONS

Credit Hour(s): 3.0

Computers and Applications. Prerequisite: high school Algebra II. History of computers, hardware components, operating systems, application software, data communication.

CSC 1310 INTRO COMP PROGRAMMING NON-MAJ

Credit Hour(s): 3.0

Introduction to Computer Programming for Non-Majors. This class introduces students with no previous experience to computer programming. The class emphasizes design principles (e.g., pseudocode, stepwise refinement, object-oriented design) as well as the syntax and semantics of Python. This class is for non-majors interested in obtaining some fundamental computer programming skills.

CSC 2010 INTRO TO COMPUTER SCIENCE

Credit Hour(s): 3.0

Introduction to Computer Science. A first introduction to the discipline of computer science. Topics include algorithmic foundations, hardware concepts, virtual machine concepts, software systems, applications, and social issues.

CSC 2310 PRIN OF COMPUTER PROGRAMMING

Credit Hour(s): 3.0

Principles of Computer Programming. Prerequisite: CSc 2010 with grade of C or higher. Fundamental principles of computer programming. Expressions, procedures, variable types, data, input/output. Emphasis on structure and clarity as well as correctness.

CSC 2320 FUND OF WEBSITE DEVELOPMENT

Credit Hour(s): 3.0

Fundamentals of Website Development. Prerequisite: familiarity with basic programming language concepts. 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 using the web application server Zope and the content management

system Plone. A major component is a final project involving implementing a dynamic website.

CSC 2510 THEOR FOUNDATIONS OF COMP SCI

Credit Hour(s): 3.0

Theoretical Foundations of Computer Science. Prerequisite: CSc 2010 and Math 1113 with grade C or higher. 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 3010 HISTORY OF COMPUTING

Credit Hour(s): 3.0

History of Computing. This course will survey the history of the computing field from antiquity to the present, focusing on the era of the electronic digital computer. Topics will include historical developments in hardware, software, and the theoretical foundations of computer science.

CSC 3210 COMPUTER ORG & PROGRAMMING

Credit Hour(s): 3.0

Computer Organization and Programming. Prerequisites: CSc 2310 and CSc 2510 with grades of C or higher. Computer structure and machine language, addressing techniques, macros, file I/O, program segmentation, and linkage.

CSC 3320 SYSTEM-LEVEL PROGRAMMING

Credit Hour(s): 3.0

System-Level Programming. Prerequisite: CSc 2310 with grade of C or higher. 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 Hour(s): 3.0

C++ Programming. Prerequisite: CSc 3320 with grade of C or higher. 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 Hour(s): 3.0

Data Structures-CTW. Prerequisites: CSc 2310, CSc 2510, and Math 2211 with grades of C or higher. 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 EMBEDDED SYSTEMS

Credit Hour(s): 4.0

Introduction to Embedded Systems Laboratory. Prerequisite: CSc 3320 with grade of C or higher. (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 Hour(s): 4.0

Introduction to Robotics. Prerequisites: CSc 3320 and Math 3030 with grades of C or higher. 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 Hour(s): 4.0

Computer Architecture. Prerequisite: CSc 3210 with grade of C or higher. Logic design, combinatorial and sequential circuits, input-output devices, memory, processors, controllers, parallel architectures, bit-slicing, reduced instruction sets.

CSC 4220 COMPUTER NETWORKS

Credit Hour(s): 4.0

Computer Networks. Prerequisites: CSc 3320 and Math 3030 with grades of C or higher. 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 NET & MOBILE COMP

Credit Hour(s): 4.0

Wireless Networks and Mobile Computing. Prerequisite: CSc 4220 with grade of C or higher, or consent of instructor. 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 INTRO TO INFO SECURITY

Credit Hour(s): 4.0

Introduction to Information Security. Prerequisite: CSc 4220 with a grade of C or higher. 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 Hour(s): 4.0

Internetwork Programming. Prerequisite: CSc 4220 with grade of C or higher. 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 Hour(s): 4.0

Digital Image Processing. Prerequisite: CSc 3410 with grade of C or higher. 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 INTRO DIGITAL SIGNAL PROCESS

Credit Hour(s): 4.0

Introduction to Digital Signal Processing. Prerequisite: CSc 4210 with grade of C or higher. 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 & DIST COMPUTING

Credit Hour(s): 4.0

Parallel and Distributed Computing. Prerequisites: CSc 3210 and CSc 3320 with grades of C or higher. 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 Hour(s): 4.0

Operating Systems. Prerequisite: CSc 3320 with grade of C or higher. Introduction to operating systems concepts. Topics may include multiprogramming, resources allocation and management, and their implementation.

CSC 4330 PROGRAMMING LANGUAGE CONCEPTS

Credit Hour(s): 4.0

Programming Language Concepts. Prerequisites: CSc 3210 and CSc 3410 with grades of C or higher. Fundamental programming language concepts, including syntax versus semantics, binding time, scopes, and storage management.

CSC 4340 INTRODUCTION TO COMPILERS

Credit Hour(s): 4.0

Introduction to Compilers. Prerequisite: CSc 4330 with grade of C or higher. Survey of topics related to compiler design, including parsing, table processing, code generation, and optimization.

CSC 4350 SOFTWARE ENGINEERING-CTW

Credit Hour(s): 4.0

Software Engineering-CTW. Prerequisite: CSc 3410 with grade of C or higher. 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 Hour(s): 4.0

Web Programming. Prerequisite: CSc 2310 with grade of C or higher. 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 Hour(s): 4.0

Windowing Systems Programming. Prerequisite: CSc 2310 with grade of C or higher. 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 Hour(s): 4.0

Automata. Prerequisite: CSc 2510 with grade of C or higher. Theory of computing devices and the languages they recognize.

CSC 4520 DESIGN & ANALYSIS: ALGORITHMS

Credit Hour(s): 4.0

Design and Analysis of Algorithms. Prerequisites: CSc 3410 and Math 3030 with grades of C or higher. Techniques for designing efficient algorithms; analysis of algorithms; lower bound arguments; algorithms for sorting, selection, graphs, and string matching.

CSC 4540 INTRO TO BIOINFO ALGORITHMS

Credit Hour(s): 4.0

Introduction to Bioinformatics Algorithms. Prerequisite: CSc 3410 with grade of C or higher. This course is an introduction to the computational algorithms driving current advances in bioinformatics. It is focused on fundamental algorithmic techniques in bioinformatics, including exhaustive search, greedy, dynamic programming, graph theoretical, and combinatorial pattern matching algorithms. Applications will include restriction mapping, motif finding, pairwise sequence alignment, gene prediction, DNA sequencing, evolutionary trees, genome rearrangements.

CSC 4610 NUMERICAL ANALYSIS I

Credit Hour(s): 3.0

Numerical Analysis I. Prerequisites: Math 2215 with grade of C or higher and the ability to program in a high-level language. (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 Hour(s): 3.0

Numerical Analysis II. Prerequisite: Math 3030 or Math 3435 with grade of C or higher and the ability to program in a high-level language. (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 INTRO TO MATLAB PROGRAMMING

Credit Hour(s): 4.0

Introduction to Matlab Programming. 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 INTRO TO BIOINFORMATICS

Credit Hour(s): 4.0

Introduction to Bioinformatics. Prerequisites: CSc 3410, Biol 1103K, and Chem 1211K with grades of C or higher. 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 Hour(s): 4.0

Database Systems. Prerequisite: CSc 3410 with grade of C or higher. 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 Hour(s): 4.0

Human-Computer Interaction. Prerequisite: CSc 2310 with grade of C or higher. 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 Hour(s): 4.0

Data Visualization. Prerequisites: for computer science majors, CSc 2310 with grade of C or higher; for all other majors, consent of instructor. 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 Hour(s): 4.0

Data Mining. Prerequisite: CSc 3410 with grade of C or higher. 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 Hour(s): 4.0

Artificial Intelligence. Prerequisites: CSc 3410 and CSc 4330 with grades of C or higher. 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 COMPUTER GRAPHICS ALGORITHMS

Credit Hour(s): 4.0

Computer Graphics Algorithms. Prerequisites: CSc 3320 and Math 3030 with grades of C or higher. Introduction to computer graphics programming; study the algorithms and tools for computer graphics programming; topics include 3D graphics pipeline, graphics processing unit, shader programming, graphics primitives, view, transformation, projection, tessellation, texture mapping, fog, frame buffer operations, and basic game programming.

CSC 4821 FUNDAMENTALS OF GAME DESIGN

Credit Hour(s): 4.0

Fundamentals of Game Design. Prerequisites: CSc 4820 with grades of C or higher. Study the theories, techniques, and tools for game development; topics include challenges, game play, actions, core mechanics, worlds, characters, user interfaces, game genres, basic game programming, and games for mobile devices.

CSC 4840 COMPUTER GRAPHICS IMAGING

Credit Hour(s): 4.0

Computer Graphics Imaging. (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 Hour(s): 3.0

Computer Animation. Prerequisite: CSc 4840 with grade of C or higher. (Same as GrD 4841 and Film 4841.) Three-dimensional computer animation including classical animation techniques, cel animation, key framing, storyboarding, physically based modeling, character animation, lighting, camera placement and motion, motion blur, compositing, and other relevant topics.

CSC 4870 HONORS THESIS: RESEARCH

Credit Hour(s): 3.0

Honors Thesis: Research. Prerequisite: consent of the instructor and Honors Program director. Readings or research preparatory to honors thesis or project.

CSC 4880 HONORS THESIS: WRITING

Credit Hour(s): 3.0

Honors Thesis: Writing. Prerequisites: CSc 4870 and consent of the instructor and Honors Program director. Writing or production of honors thesis or project.

CSC 4920 SENIOR PROJECT I

Credit Hour(s): 2.0

Senior Project I. Prerequisites: CSc 3320, CSc 4210, and CSc 4350 with grades of C or higher. 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 Hour(s): 2.0

Senior Project II. Prerequisite: CSc 4920 with grade of C or higher. 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 Hour(s): 1.0 TO 4.0

Computer Science Internship. 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.

CSC 4982 UNDERGRAD RESEARCH IN COMP SCI

Credit Hour(s): 3.0

Undergraduate Research in Computer Science. Prerequisite: at least 12 upper-division hours in computer science. Authorization required. Independent investigation of topics of common interest to student and instructor.

CSC 4995 DIRECTED READINGS B.I.S.-CTW

Credit Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. 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 Hour(s): 1.0 TO 3.0

Selected Topics. Prerequisite: consent of instructor. No more than six credit hours may be applied toward the major. May be repeated if topics are different.

DPP DRAWING, PAINTING, PRINTMAKING

DPP 2100 ADVANCED DRAWING

Credit Hour(s): 3.0

Advanced Drawing. Prerequisite: Art 1010 with grade of C or higher. Advanced techniques, materials, and principles of drawing. Lab Fee: $30.00.

DPP 3000 LIFE DRAWING

Credit Hour(s): 3.0

Life Drawing. Prerequisite: Art 1010 and Art 1020 or DP 2100 with grades of C or higher. Structure, composition, representation, and interpretation of the human figure. Lab Fee: $60.00.

DPP 3050 INTRODUCTION TO PRINTMAKING

Credit Hour(s): 3.0

Introduction to Printmaking. Prerequisites: Art 1010, 1020, and one 1000-level art history course with grades of C or higher. Basic printmaking processes including intaglio (etching), relief (linocut), and monoprint. Lab Fee: $50.00.

DPP 3150 INTAGLIO/ETCHING & LITHOGRAPHY

Credit Hour(s): 4.0

Intaglio/Etching & Lithography. Prerequisite: one DPP 3000-level course with grade of C or higher, or consent of instructor. Traditional and experimental processes including etching, aquatint, and drypoint. Lithographic printing directly from prehistoric limestone slabs. Lab Fee: $50.00.

DPP 3200 PAINTING W/ WATER-BASED MEDIA

Credit Hour(s): 3.0

Painting with Water-Based Media. Prerequisites: Art 1010 and Art 1020 or 1030 with grades of C or higher. Technical and organizational concerns using water-based media. May be repeated for a maximum of six credit hours. Lab Fee: $20.00.

DPP 3250 SCREEN PRINT & EXPERMTL PRNTMK

Credit Hour(s): 4.0

Screen Print and Experimental Printmaking. Prerequisite: one DPP 3000-level course with grade of C or higher, or consent of instructor. 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. Lab Fee: $50.00.

DPP 3300 PAINTING: OIL-BASED MEDIA

Credit Hour(s): 3.0

Painting with Oil-Based Media. Prerequisite: Art 1010 and Art 1020 or Art 1030 with grades of C or higher. Technical and organizational concerns using oil-based media. May be repeated for a maximum of six credit hours. Lab Fee: $20.00.

DPP 3350 MONOPRINTING

Credit Hour(s): 3.0

Monoprinting. Prerequisites: Art 1010, 1020, 1030, 1050, and one 1000-level art history courses with grades of C or higher. Monotype and monoprinting techniques including additive, subtractive, viscosity, stencil, photographic transfer, and multiple plate printing. Lab Fee: $50.00.

DPP 3550 BOOK ARTS

Credit Hour(s): 3.0

Book Arts. Prerequisites: Art 1010, 1020, 1030, 1050 and one 1000-level art history courses with grades of C or higher. Traditional Eastern and Western book structures, investigation of the book as an art form. Rudimentary papermaking, photographic transfer, and intaglio (line etching) skills. Lab Fee: $20.00.

DPP 3600 DRAWING RESEARCH

Credit Hour(s): 4.0

Drawing Research. Prerequisite: DPP 3000 with grade of C or higher. Traditional as well as experimental investigations in drawing. May be repeated for a maximum of six credit hours. Lab Fee: $20.00.

DPP 3900 SELECTD TOPICS IN DRAW & PAINT

Credit Hour(s): 4.0

Selected Topics in Drawing and Painting. Prerequisites: Two 2000-3000 level DPP courses with grades of C or higher. Special topics for drawing and painting majors. May be repeated for a maximum of twelve credit hours. Lab Fee: $20.00.

DPP 3950 SELECTED TOPICS IN PRINTMAKING

Credit Hour(s): 4.0

Selected Topics in Printmaking. Prerequisite: consent of instructor. Special topics for studio art majors. May be repeated for a maximum of eight credit hours. Lab Fee: $20.00.

DPP 4500 DIR STUDY: DRAWING & PAINTING

Credit Hour(s): 4.0

Directed Study in Drawing and Painting. Prerequisites: DPP 3200 and DPP 3300 with grades of C or higher. Individual studio problems for advanced students. May be repeated for a maximum of sixteen credit hours. Lab Fee: $20.00.

DPP 4550 DIRECTED STUDY IN PRINTMAKING

Credit Hour(s): 4.0

Directed Study in Printmaking. Prerequisite: consent of instructor. Individual studio problems for advanced students. May be repeated for a maximum of twelve credit hours. Lab Fee: $50.00.

DPP 4940 PORTFOLIO I

Credit Hour(s): 3.0

Portfolio I. Prerequisite: DPP 4500 or DPP 4550 with grade of C or higher. Senior-year studio experiences for B.F.A. degree candidates. Committee review.

DPP 4950 PORTFOLIO II-CTW

Credit Hour(s): 3.0

Portfolio II-CTW. Prerequisite: DPP 4940 with grade of C or higher, or concurrently. 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 Hour(s): 3.0

Special Problems. Prerequisites: consent of instructor and of School director. Independent studies initiated by the student. May be repeated for a maximum of six credit hours.

ECE EARLY CHILDHOOD EDUCATION

ECE 3010 INTRO TO EARLY CHILDHOOD EDUC

Credit Hour(s): 3.0

Introduction to Early Childhood Education. 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. A minimum grade of "C" is required for this course.

ECE 3021 CHILD DEVELOPMENT

Credit Hour(s): 3.0

(TE) Child Development. Corequisites: ECE 3255, ECE 3600, and ECE 3661. 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. A minimum grade of "C" is required for this course.

ECE 3250 ESOL:LNG ACQUISITION/ASSESSMNT

Credit Hour(s): 3.0

(TE) English to Speakers of Other Languages (ESOL): Language Acquisition and Assessment. 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 ESOL: CULTURAL FOUNDATIONS

Credit Hour(s): 3.0

(TE) English to Speakers of Other Languages (ESOL):Cultural Foundations. Corequisites: ECE 3021, ECE 3600, ECE 3601. 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.

ECE 3360 ASSESSMENT CLASSROOM LRNG ECE

Credit Hour(s): 3.0

(TE) Assessment of Classroom Learning in Early Childhood Education. Co-requisites: ECE 3602, ECE 3605, and ECE 3663. 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. Students must complete the course with a grade of "C" or higher.

ECE 3440 ESOL: CURRICULUM & INSTRUCTION

Credit Hour(s): 3.0

(TE) English to Speakers of Other Languages (ESOL): Curriculum and Instruction. 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.

ECE 3600 LANGUAGE AND LITERACY

Credit Hour(s): 3.0

(TE) Language and Literacy. Corequisites: ECE 3021, ECE 3255, and ECE 3661. 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. A minimum grade of "C" is required for this course.

ECE 3601 READING/LANGUAGE ARTS I - CTW

Credit Hour(s): 6.0

(TE) Reading and Language Arts in Early Childhood Education I-CTW. Prerequisite: ECE 3600. Corequisites: ECE 3606, ECE 3607, and ECE 3662. 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. A minimum grade of "C" is required for this course. Critical Thinking Through Writing Course (CTW)

ECE 3602 READING/LNGUAGE ARTS IN ECE II

Credit Hour(s): 3.0

(TE) Reading and Language Arts in Early Childhood Education II. Prerequisite: ECE 3601. Corequisites: ECE 3360, ECE 3605, and ECE 3663. Integration of reading and language arts instruction across the curriculum is emphasized. A variety of methods of instruction and assessment are explored. Field experiences in third-grade through fifth-grade classrooms are included. A minimum grade of "C" is required for this course.

ECE 3605 SOCIAL STUDIES METHODS IN ECE

Credit Hour(s): 3.0

(TE) Social Studies Methods in Early Childhood Education. Prerequisite: ECE 3600. Corequisites: ECE 3360, ECE 3602, and ECE 3663. 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. A minimum grade of "C" is required for this course.

ECE 3606 SCIENCE AND INQUIRY IN ECE

Credit Hour(s): 3.0

(TE) Science and Inquiry in Early Childhood Education. Prerequisite: ECE 3021. Corequisites: ECE 3601, ECE 3607, and ECE 3662. 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. A minimum grade of "C" is required for this course.

ECE 3607 MATHEMATICS METHODS IN ECE

Credit Hour(s): 3.0

(TE) Mathematics Methods in Early Childhood Education. Co-requisites: ECE 3601, ECE 3606, and ECE 3662. 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. Student must complete the course with a grade of "C" or higher.

ECE 3661 CLASSROOM MGTMNT ECE/FLD EXP I

Credit Hour(s): 3.0

(TE) Classroom Management in Early Childhood Education Field Experience I. Corequisites: ECE 3021, ECE 3255, and ECE 3600. 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. A minimum grade of "C" is required for this course.

ECE 3662 CLASSRM MGTMENT ECE/FLD EXP II

Credit Hour(s): 3.0

(TE) Classroom Management in Early Childhood Education Field Experience II. Prerequisite: ECE 3661. Corequisites: ECE 3601, ECE 3606, and ECE 3607. 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. A minimum grade of "C" is required for this course.

ECE 3663 CLASSRM MGTMNT ECE/FLD EXP III

Credit Hour(s): 3.0

(TE) Classroom Management in Early Childhood Education Field Experience III. Prerequisite: ECE 3662. Corequisites: ECE 3360, ECE 3602, and ECE 3605. 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. A minimum grade of "B" is required for this course.

ECE 4650 OPENING SCHOOL EXPERIENCE

Credit Hour(s): 0.0 TO 1.0

(TE) Opening School Experience. Prerequisites: ECE 3021and ECE 3600. 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. Course is graded as satisfactory/unsatisfactory. A minimum grade of "S" is required for this course.

ECE 4661 STUDENT TEACHING

Credit Hour(s): 9.0 TO 12.0

(TE) Student Teaching. Prerequisites: all courses in areas A-G of the degree program in Early Childhood Education. 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. Students must submit a portfolio for approval. A minimum grade of "C" is required for this course.

ECE 4700 ISSUES INTERNATIONAL EDUCATION

Credit Hour(s): 3.0

Issues in International Education. 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.

ECE 4810 DIRECTED READING IN ECE

Credit Hour(s): 1.0 TO 3.0

Directed Reading in Early Childhood Education. Prerequisite: consent of instructor. 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. A directed reading form, available in the Department of Early Childhood Education, must be completed and signed by the instructor prior to registration. (Repeatable)

ECON ECONOMICS

ECON 2100 THE GLOBAL ECONOMY

Credit Hour(s): 3.0

The Global Economy. 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 Hour(s): 3.0

Principles of Macroeconomics. Prerequisite: Math 1101 or Math 1111. 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 Hour(s): 3.0

Principles of Microeconomics. Prerequisite: Math 1101 or Math 1111. 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 Hour(s): 1.0 TO 6.0

Special Topics in Economics I. Prerequisite: Consent of instructor. Studies in Economics; topics vary according to instructor. May be repeated if the topic differs.

ECON 3050 ECONOMICS ART, ENTER & CULTURE

Credit Hour(s): 3.0

The Economics of Art, Entertainment, and Culture. 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 Hour(s): 3.0

Macroeconomics-CTW. Prerequisite: Econ 2105. 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 Hour(s): 3.0

Microeconomics. Prerequisite: Econ 2106. 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 Hour(s): 3.0

History of Economic Thought. Prerequisite: consent of instructor. An historical presentation of the economic doctrines of the physiocratic, classical, neoclassical, historical, Keynesian, and other schools of thought.

ECON 4210 HEALTH ECONOMICS

Credit Hour(s): 3.0

Health Economics. Prerequisite: Econ 2106 or equivalent. 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 & POL

Credit Hour(s): 3.0

Environmental Economics and Policy. Prerequisite: Econ 2106 or permission of instructor. 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.

ECON 4230 EXPERIMENTAL ECONOMICS

Credit Hour(s): 3.0

Experimental Economics. Prerequisite: Econ 2106 or equivalent. 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 Hour(s): 3.0

Economics of Cities. Prerequisite: Econ 2106. This course provides an introduction to the ways that economics can be used to understand cities. 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.

ECON 4350 ECON OF POVERTY & PUBLIC POL

Credit Hour(s): 3.0

Economics of Poverty and Public Policy. 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 READING IN ECONOMICS

Credit Hour(s): 1.0 TO 6.0

Directed Readings in Economics. Prerequisites: Econ 2105 and Econ 2106, and consent of instructor.

ECON 4400 PUBLIC SECTOR ECONOMICS

Credit Hour(s): 3.0

Public Sector Economics. Prerequisite:Econ 2106. 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 Hour(s): 3.0

Law and Economics Prerequisite: Econ 2106. 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 ORG, REG, & ECON

Credit Hour(s): 3.0

Industrial Organization, Regulation, and Antitrust Economics. Prerequisite: Econ 2106. 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 Hour(s): 3.0

Money and Credit. Prerequisite: Econ 2105. 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 Hour(s): 3.0

Economic Development. Prerequisite: Econ 2105 and Econ 2106. 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.

ECON 4610 ECONOMY OF SOUTH AFRICA

Credit Hour(s): 3.0

The Economy of South Africa. Prerequisiste: Econ 2105 and Econ 2106. 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.

ECON 4620 EC STUDY ABROAD S. AFRICA

Credit Hour(s): 3.0

Economic Studies Abroad South Africa. Prerequisite: Econ 2105. 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.

ECON 4680 AMERICAN ECONOMIC HISTORY

Credit Hour(s): 3.0

American Economic History. (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 INTRO TO GAME THEORY

Credit Hour(s): 3.0

Introduction to Game Theory. 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 Hour(s): 3.0

International Trade. Prerequisite: Econ 2106. 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.

ECON 4810 INTERNATIONAL FINANCE

Credit Hour(s): 3.0

International Finance. Prerequisite: Econ 2105. 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.

ECON 4930 MATHEMATICAL ECONOMICS

Credit Hour(s): 3.0

Mathematical Economics. Prerequisites: Econ 2105 and Econ 2106, and Math 2211 or Math 1220. 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 4950 ECONOMETRICS & APPLICATIONS

Credit Hour(s): 3.0

Econometrics and Applications. Prerequisites: Econ 2105 and Econ 2106, and Math 1070. 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 Hour(s): 3.0

Economics of Work and Pay. Prerequisite: 2106. 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 Hour(s): 1.0 TO 6.0

Special Topics in Economics II. Prerequisite: Consent of instructor. Advanced studies in Economics; topics vary according to instructor. May be repeated if the topic differs.

ECON 4999 SENIOR CAPSTONE IN ECON-CTW

Credit Hour(s): 3.0

Senior Capstone in Economics-CTW. Prerequisites: ECON 3900, ECON 3910 and two 4000 level ECON courses with grades of C or better or permission of the instructor. 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 ED, BUSINESS, AND TECHNOLOGY

EDBT 3020 INSTRUCTN DEVLOPMNT TECHNOLOGY

Credit Hour(s): 3.0

Instructional Development in Technology/Career Education. 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 FOUNDATNS MGT/SAFTY TECHNOLOGY

Credit Hour(s): 3.0

Foundations of Management and Safety in Technology/Career Education. 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 PRACT TECHN/CAREER ED

Credit Hour(s): 3.0

Teaching Practicum in Technology/Career Education. 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.

EDBT 3700 TEACHING PRACT TECHN/CAREER ED

Credit Hour(s): 3.0

Teaching Practicum in Technology/Career Education. 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.

EDBT 3710 TEACHING PRACT TECHN/CAREER ED

Credit Hour(s): 3.0

Teaching Practicum in Technology/Career Education. 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.

EDBT 4250 PRIN/PRACTICES TECHN/CAREER ED

Credit Hour(s): 3.0

Principles and Practices in Technology/Career Education. 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 INSTR STRATEGIES TEC/CAREER ED

Credit Hour(s): 3.0

Instructional Strategies in Technology/Career Education. 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 TEC/CAREER ED

Credit Hour(s): 3.0 TO 9.0

Applied Practice in Technology/Career Education. Prerequisite: permission of advisor or department chair. 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.

EDBT 4800 INDEPENDNT STUDY TEC/CAREER ED

Credit Hour(s): 3.0 TO 9.0

Independent Study in Technology/Career Education. Prior approval by advisor or department chair required. 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.

EDCI CURRICULUM & INSTRUCTION

EDCI 3200 ORG/INSTRUCT MIDDLE GRADES CUR

Credit Hour(s): 3.0

Organization and Instruction of the Middle Grades Curriculum. 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 UNDRSTND/SUPPRT MIDLE SCHL LNR

Credit Hour(s): 3.0

Understanding and Supporting Middle School Learners. 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 3250 INTRO TEACHING SECONDARY SCHLS

Credit Hour(s): 3.0

(TE) Introduction to Teaching in Secondary Schools. 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 4600 PRACTICUM

Credit Hour(s): 3.0 TO 6.0

(TE) Practicum. 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. (Repeatable).

EDCI 4630 CRITICAL ISSUES SECONDARY EDUC

Credit Hour(s): 3.0

(TE) Critical Issues in Secondary Education. Students conduct research and reflect on critical issues in secondary education in today's changing world.

EDCI 4640 CRITCAL ISSUES MIDLE GRADE-CTW

Credit Hour(s): 3.0

(TE) Critical Issues in Middle Grades Education-CTW. Corequisite: EDCI 4700. 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 4700 STUDENT TEACHING MIDDLE GRADES

Credit Hour(s): 9.0

(TE) Student Teaching in Middle Grades. Prerequisite: Approval of the Middle Level Committee. Students must successfully complete all courses in Area G.2 and Area G.3 with a grade of “B” or higher to be authorized to enroll in EDCI 4700. Corequisite: EDCI 4640. Provides the opportunity to plan, implement, and reflect on middle grades instruction in the student?s content concentration areas. Requires a sustained internships across the term under the supervision of a mentor teacher and a university supervisor. A minimum grade of "B" is required for this course.

EDCI 4750 STUDENT TEACHING SECONDARY SCH

Credit Hour(s): 6.0 TO 9.0

(TE) Student Teaching in the Secondary School. 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. A minimum grade of "B" is required for this course.

EDCI 4810 DIRECTED READING IN TCHG/ LRNG

Credit Hour(s): 3.0

Directed Reading in Teaching and Learning. Prerequisite: consent of instructor. Students engage in the in-depth study of appropriate topics in teaching and learning. (Repeatable).

EDLA LANGUAGE ARTS EDUCATION

EDLA 3200 TOPICS MIDDLE GR LANGUAGE ARTS

Credit Hour(s): 3.0

Topics in Middle Grades Language Arts. 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 4400 CONCEPTS/METHODS LANG ARTS MCE

Credit Hour(s): 3.0

(TE) Concepts and Methods in Language Arts for Middle Childhood Education. Corequisites: EDMT 4460, EDSC 4470, EDSS 4480, and EDCI 4600. 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. A minimum grade of "B" is required for this course.

EDMT MATHEMATICS EDUCATION

EDMT 3350 TOPICS IN MIDDLE GRADES MATH

Credit Hour(s): 3.0

Topics in Middle Grades Mathematics. 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 4460 CONCEPTS/MTHDS MID CHLDHD MATH

Credit Hour(s): 3.0

(TE) Concepts and Methods in Middle Childhood Mathematics. Corequisites: EDLA 4400, EDSC 4470, and EDSS 4480. 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. A minimum grade of "B" is required for this course.

EDMT 4560 PRINCIPLES OF MATH INSTRUCTION

Credit Hour(s): 3.0

(TE) Principles of Mathematics Instruction. Examines lesson planning, instructional materials, teaching strategies, technology use, and assessment procedures for teaching secondary school mathematics.

EDRD READING EDUCATION

EDRD 0071 ACADEMIC READING

Credit Hour(s): 3.0

Academic Reading. (Learning Support Program students only). 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 UNDERGRAD SUCCESS

Credit Hour(s): 3.0

Reading for Undergraduate Success. 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 READNG WORLD 21ST CENTRY TEXTS

Credit Hour(s): 3.0

Reading the World of 21st Century Texts. 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 MID CHILDHOOD READING

Credit Hour(s): 3.0

Topics in Middle Childhood Reading. Corequisite: EDRD 3500. 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 ASSESS/INSTR STU W/READING DIF

Credit Hour(s): 3.0

Assessment and Instruction of Middle Childhood Students with Reading Difficulty. Corequisite: EDRD 3490. 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 4450 CONCEPTS/METHODS READING MCE

Credit Hour(s): 3.0

(TE) Concepts and Methods for Reading in Middle Childhood Education. Corequisites: EDLA 4400, EDMT 4460, EDSC 4470, or EDSS 4480, and EDCI 4600, and EDRD 4600. 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 READ/WRITING CONTENT AREAS-CTW

Credit Hour(s): 3.0

(TE) Reading and Writing in the Content Areas-CTW. Corequisite: EDCI 4600 and two of the following: EDLA 4400, EDMT 4460, EDRD 4450, EDSC 4470, or EDSS 4480. 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.

EDSC SCIENCE EDUCATION

EDSC 3250 TOPICS IN MIDDLE GRADE SCIENCE

Credit Hour(s): 4.0

Topics in Middle Grades Science. Three hours lecture and two hours lab a week. 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 CONCPTS/MTHDS MID CHLD SCIENCE

Credit Hour(s): 3.0

(TE) Concepts and Methods in Middle Childhood Science. Corequisites: EDLA 4400, EDMT 4460, and EDSS 4480. 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. A minimum grade of "B" is required for this course.

EDSC 4655 PRINCIPLES OF SCIENCE INSTRUCT

Credit Hour(s): 3.0

Principles of Science Instruction. 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/PEDAGOGY SCIENCE INSTRU

Credit Hour(s): 3.0

Theory and Pedagogy of Science Instruction. Co-requisite: EDCI 4600. 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 SOCIAL STUDIES EDUCATION

EDSS 3400 TOPICS MID GRD SOC SCI/HISTORY

Credit Hour(s): 3.0

Topics in Middle Grades Social Science/History. 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 CNCPT/MTHD MID CHD SOC STUDIES

Credit Hour(s): 3.0

(TE) Concepts and Methods in Middle Childhood Social Studies. Corequisites: EDLA 4400, EDMT 4460, and EDSC 4470. 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. A minimum grade of "B" is required for this course.

EDUC EDUCATION

EDUC 2000 FIELD-BASED INSTRUCTION/TRAVEL

Credit Hour(s): 2.0

Field-Based Instruction, Travel, and Educational Excursions. 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. This program is restricted to students participating in the Early College High School Program.

EDUC 2110 INV CRIT & CONT ISSUES IN ED

Credit Hour(s): 3.0

Investigating Critical and Contemporary Issues in Education. 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 EXPLO SOCIO-CULT PERSP DIVERS

Credit Hour(s): 3.0

Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts. 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 & TEACHING

Credit Hour(s): 3.0

Exploring Learning and Teaching. 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 Hour(s): 3.0

Birth and Parenthood. (Same as SOCI 3152 and WST 3140) Pregnancy, birth, and parenting; fatherhood and motherhood in a social and historical context.

EDUC 2300 INTRO TO CHILD DEVELOPMENT

Credit Hour(s): 3.0

Introduction to Child Development. 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 URBAN EDUCATION

Credit Hour(s): 3.0

Introduction to Urban Education. 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.

EDUC 3333 FIELD EXPERIENCES INTRNAL EDUC

Credit Hour(s): 3.0

Field Experiences in International Education. 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. Students must participate in the international travel required for this course. [cross-listed with EDUC 7777]

EDUC 4660 FIELD BASED RESRCH IN URBAN ED

Credit Hour(s): 3.0

Field Based Research in Urban Education. 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. A grade of C or higher is required.

EDUC 4982 UNDERGRAD RESRCH IN URBAN EDUC

Credit Hour(s): 1.0 TO 3.0

Undergraduate Research in Urban Education. Prerequisite: Permission of the Instructor. 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.

ELMT LIBRARY MEDIA TECHNOLOGY

ELMT 2100 INFO LITERACY FOR DIGITAL AGE

Credit Hour(s): 3.0

INFO21: Information Literacy for the Digital Age. 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.

ENGL ENGLISH

ENGL 0081 ACADEMIC WRITING

Credit Hour(s): 4.0

Academic Writing. (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 Hour(s): 3.0

English Composition I. 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 Hour(s): 3.0

English Composition II. Prerequisite: Engl 1101 with grade of C or higher. 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 Hour(s): 3.0

Advanced English Composition. Prerequisite: admission by permission of department or Honors Program. 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 Hour(s): 3.0

World Literature. Prerequisite: Engl 1102 with grade of C or higher, or equivalent. A survey of important works of world literature.

ENGL 2120 BRITISH LITERATURE

Credit Hour(s): 3.0

British Literature. Prerequisite: Engl 1102 with grade of C or higher, or equivalent. 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 Hour(s): 3.0

American Literature. Prerequisite: Engl 1102 with grade of C or higher, or equivalent. 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 Hour(s): 3.0

Studies in Popular Culture. Prerequisite: Engl 1102 with grade of C or higher, or equivalent. 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 INTRO TO LITERARY STUDIES-CTW

Credit Hour(s): 3.0

Introduction to Literary Studies-CTW. Prerequisite: Engl 1102 with grade of C or higher, or equivalent. 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 INTRO TO RHET & ADV COMP-CTW

Credit Hour(s): 3.0

Introduction to Rhetoric and Advanced Composition-CTW. Prerequisite: Engl 1102 with grade of C or higher, or equivalent. Materials, methods, and terminology used in the discipline of rhetoric and composition. Practice in effective critical writing and examination of various forms of writing instruction across many cultures: ancient China, pre-classical Greece, the Hellenic period, the Roman Empire, the early Christian era, Medieval Europe, Modern Europe, and contemporary America. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all English majors.

ENGL 3080 HIST,THRY&PRCT/ARGMNTV WRITING

Credit Hour(s): 3.0

History, Theory, and Practice of Argumentative Writing. Non-major prerequisite: Engl 1102 or Engl 1103 with grade of C or higher. Readings from such authors as Aristotle, Plato, Perelman, and Toulmin. Practice at methods for developing an argument.

ENGL 3090 HIST,THRY&PRCT/EXPOSIT WRITING

Credit Hour(s): 3.0

History, Theory, and Practice of Expository Writing. Non-major prerequisite: Engl 1102 or Engl 1103 with grade of C or higher. Readings from selected writers such as Montaigne, Swift, Bacon, Coleridge, and Woolf. Practice at methods for developing non-fiction prose.

ENGL 3100 20TH-C COMP THEORY & PRACTICE

Credit Hour(s): 3.0

Twentieth-Century Composition Theory and Practice. Non-major prerequisite: Engl 1102 or Engl 1103 with grade of C or higher. Study of composition from current-traditional to postmodern rhetoric.

ENGL 3105 PRACTICAL GRAMMAR

Credit Hour(s): 3.0

Practical Grammar. Prerequisite: Engl 1102 or 1103 with grade of C or higher. 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 Hour(s): 3.0

Technical Writing. 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 DOCUMENT DESIGN

Credit Hour(s): 3.0

Document Design. Prerequisite: Engl 1102 or 1103 with grade of C or higher. Theory and practice of marking up, laying out, and preparing various kinds of documents for publication.

ENGL 3120 ELECTRONIC WRITING &PUBLISHING

Credit Hour(s): 3.0

Electronic Writing and Publishing. Non-major prerequisite: Engl 1102 or Engl 1103 with grade of C or higher. Study of on-line writing and electronic publishing, including asynchronous and synchronous media. May include document creation from computer-aided print publishing to hypertext and Internet publishing.

ENGL 3130 BUSINESS WRITING

Credit Hour(s): 3.0

Business Writing. 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 Hour(s): 3.0

Visual Rhetoric. Non-major prerequisite: Engl 1102 or Engl 1103 with grade of C or higher. Introduces visual information design theories and practices for writers. Examines the use of visual meanings in the production of texts, the influence of visual culture on written discourse, and audience-centered document design.

ENGL 3140 EDITING

Credit Hour(s): 3.0

Editing. 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 INTRO TO CREATIVE WRIT-POETRY

Credit Hour(s): 3.0

Introduction to Creative Writing - Poetry. Non-major prerequisite: Engl 2120 or 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 INTRO TO CREATIVE WRIT-FICTION

Credit Hour(s): 3.0

Introduction to Creative Writing - Fiction. Non-major prerequisite: 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 Hour(s): 3.0

Narrative Techniques. Prerequisite: Engl 3150B with grade of C or higher. 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 Hour(s): 3.0

Poetic Techniques. Prerequisite: Engl 3150A with grade of C or higher. 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 Hour(s): 3.0

Contemporary Poetry. 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 Hour(s): 3.0

Contemporary Fiction Craft. Prerequisites: Engl 3150B and Engl 2120 or Engl 2130 with grades of C or higher. Study of fiction technique through the reading and analysis of contemporary fiction. Designed for fiction writers.

ENGL 3190 LANG ANALYSIS FOR ENG TEACHERS

Credit Hour(s): 3.0

Language Analysis for Teachers of English. 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 INTRO TO THE ENGLISH LANGUAGE

Credit Hour(s): 3.0

Introduction to the English Language. Non-major prerequisite: Engl 2120, 2130, 2140 or 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 Hour(s): 3.0

Advanced Grammar. Non-major prerequisite: Engl 2120, 2130, 2140 or 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 HIST OF THE ENGLISH LANGUAGE

Credit Hour(s): 3.0

History of the English Language. Non-major prerequisite: Engl 2120, 2130, 2140 or 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 HIST OF LITERARY CRITICISM I

Credit Hour(s): 3.0

History of Literary Criticism I. Non-major prerequisite: Engl 2120, 2130, 2140 or 3040 with grade of C or higher. Critical and theoretical perspectives on literature, art, and culture from Plato to the New Criticism.

ENGL 3240 HIST OF LITERARY CRITICISM II

Credit Hour(s): 3.0

History of Literary Criticism II. Non-major prerequisite: Engl 2120, 2130, 2140 or 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 CONTEMP THEORY

Credit Hour(s): 3.0

Topics in Contemporary Theory. Nonmajor prerequisite: Engl 2120, 2130, 2140, or 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 Hour(s): 3.0

Theories of Popular Culture. Non-major prerequisite: Engl 2120, 2130, 2140, or 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 3265 BRITISH-AMERICAN CULTURE SEM I

Credit Hour(s): 3.0 TO 4.0

British-American Culture Seminar I. Prerequisite: British and American Cultures Program concentration, or consent of English or History program advisor. (Same as Hist 4960.) 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 3266 BRITISH-AMERIC CULTURE SEM II

Credit Hour(s): 3.0 TO 4.0

British-American Culture Seminar II. Prerequisite: British and American Cultures Program concentration, or consent of English or History program advisor. (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 Hour(s): 3.0

American Culture Seminar. Prerequisite: British and American Cultures Program concentration, or consent of English or History program advisor. 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 LIT AND CULTURE OF AMER SOUTH

Credit Hour(s): 3.0

Literature and Culture of the American South. Prerequisite: British and American Cultures Program concentration, or consent of English or History program advisor. 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 Hour(s): 3.0

English Drama. 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 Hour(s): 3.0

English Fiction. 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 Hour(s): 3.0

Medieval English Literature. 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 LIT

Credit Hour(s): 3.0

Sixteenth-Century English Literature. 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 & MIDDLE 17TH-C. ENG LIT

Credit Hour(s): 3.0

Early and Middle Seventeenth-Century English Literature. 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 RESTOR/EARLY 18TH-C ENG LIT

Credit Hour(s): 3.0

Restoration and Earlier Eighteenth-Century English Literature. 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 18TH-CENT ENGLISH LIT

Credit Hour(s): 3.0

Later Eighteenth-Century English Literature. 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 LIT

Credit Hour(s): 3.0

Early British Romantic Literature. 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 LIT

Credit Hour(s): 3.0

Late British Romantic Literature. 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 VIC POETRY/19 C. NON-FIC PROSE

Credit Hour(s): 3.0

Victorian Poetry and Nineteenth-Century Non-Fiction. 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 Hour(s): 1.0 TO 3.0

Honors Readings. Prerequisites: consent of the instructor and Honors Program director. Discussion and readings on selected topics.

ENGL 3700 ENG LIT: 1900-1945

Credit Hour(s): 3.0

English Literature: 1900-1945. 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 ENG LIT: 1945-PRESENT

Credit Hour(s): 3.0

English Literature: 1945-Present. 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 20TH-CENTURY ENGLISH POETRY

Credit Hour(s): 3.0

Twentieth-Century English Poetry. 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 Hour(s): 3.0

Early American Literature. 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 LIT: 1820-1865

Credit Hour(s): 3.0

American Literature: 1820-1865. 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 LIT: 1865-1914

Credit Hour(s): 3.0

American Literature: 1865-1914. 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 LIT: 1914-1945

Credit Hour(s): 3.0

American Literature: 1914-1945. 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 LIT: 1945-PRESENT

Credit Hour(s): 3.0

American Literature: 1945-Present. 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 Hour(s): 3.0

American Poetry. 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 Hour(s): 3.0

American Drama. 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 Hour(s): 3.0

American Fiction. 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 Hour(s): 3.0

American Non-fiction Prose. 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 CONTEMP AMER ETHNIC LIT

Credit Hour(s): 3.0

Contemporary American Ethnic Literatures. Non-major prerequisite: Engl 2120 or 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.

ENGL 3900 IRISH LITERATURE

Credit Hour(s): 3.0

Irish Literature. Non-major prerequisite: Engl 2120, 2130, 2140, or 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 CHILDREN'S/YOUNG ADULT LIT

Credit Hour(s): 3.0

The Tradition of Children's and Young Adults' Literature. Non-major prerequisite: Engl 2120, 2130, 2140, or 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 Hour(s): 3.0

Southern Literature. Non-major prerequisite: Engl 2120, 2130, 2140, or 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 Hour(s): 3.0

Modern Drama. Non-major prerequisite: Engl 2120, 2130, 2140, or 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.

ENGL 3940 POSTCOLONIAL LITERATURE

Credit Hour(s): 3.0

Postcolonial Literature. Non-major prerequisite: Engl 2120, 2130, 2140, or 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.

ENGL 3950 AFRICAN-AMERICAN LIT

Credit Hour(s): 3.0

African-American Literature. Non-major prerequisite: Engl 2120, 2130, 2140, or 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 AFR-AMER COMMUNITY

Credit Hour(s): 3.0

Language in the African-American Community. Non-major prerequisite: Engl 2120, 2130, 2140, or 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 LIT BY WOMEN

Credit Hour(s): 3.0

African-American Literature by Women. Non-major prerequisite: Engl 2120, 2130, 2140, or 3040 with grade of C or higher. (Same as AAS 3960 and WSt 3960.) A survey of literature from the eighteenth century to the present. Includes such authors as Wilson, Wheatley, Larsen, Hurston, Dove, Hansberry, and Morrison.

ENGL 3970 CARIBBEAN LITERATURE

Credit Hour(s): 3.0

Caribbean Literature. Non-major prerequisite: Engl 2120, 2130, 2140, or 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.

ENGL 3980 WOMEN'S LITERATURE I

Credit Hour(s): 3.0

Women's Literature I. Non-major prerequisite: Engl 2120, 2130, 2140, or 3040 with grade of C or higher. (Same as WSt 3980.) 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 Hour(s): 3.0

Women's Literature II. Non-major prerequisite: Engl 2120, 2130, 2140, or 3040 with grade of C or higher. (Same as WSt 3990.) 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 Hour(s): 3.0

Feminist Literary Criticism. Non-major prerequisite: Engl 2120, 2130, 2140, or 3040 with grade of C or higher. (Same as WSt 3995.) 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 Hour(s): 3.0

Jewish Literature. Non-major prerequisite: Engl 2120, 2130, 2140, or 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.

ENGL 4100 STUDY OF A SINGLE AUTHOR

Credit Hour(s): 3.0

Study of a Single Author. 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 Hour(s): 3.0

Chaucer. 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 4120 SPENSER

Credit Hour(s): 3.0

Spenser. Non-major prerequisite: Engl 2120 with grade of C or higher. The Shepheardes Calender, The Faerie Queene, and other selected works of Spenser.

ENGL 4130 SHAKESPEARE, EARLIER WORKS

Credit Hour(s): 3.0

Shakespeare, Earlier Works. 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 Hour(s): 3.0

Shakespeare, Later Works. 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 Hour(s): 3.0

Milton. 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 4200 TOPICS

Credit Hour(s): 3.0

Topics. Topics and non-major prerequisite to be announced. Focused study of a problem, question, issue, or specialized subject. A variety of courses is offered every semester; courses may focus on topics as varied as the sonnet, science and race in nineteenth-century American culture, and literature of World War I. May be repeated for credit if topic varies.

ENGL 4260 RELIGION AND LITERATURE

Credit Hour(s): 3.0

Religion and Literature. (Same as RelS 4260.) 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.

ENGL 4300 SR SEM: LITERARY STUDIES-CTW

Credit Hour(s): 3.0

Senior Seminar: Literary Studies-CTW. Prerequisite: Majors must have completed at least twelve semester hours of upper-division English course work before registering. 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 SR SEM: WORKSHOP IN POETRY-CTW

Credit Hour(s): 3.0

Senior Seminar: Workshop in Poetry-CTW. Prerequisites: Engl 3150A and Engl 3170 with grades of C or higher. 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 SR SEM:WORKSHOP IN FICTION-CTW

Credit Hour(s): 3.0

Senior Seminar: Workshop in Fiction-CTW. Prerequisites: Engl 3150B, Engl 3160, and Engl 3180B with grades of C or higher. 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 SR SEM: RHET,COMP,TECH WRI-CTW

Credit Hour(s): 3.0

Senior Seminar: Rhetoric, Advanced Composition, and Technical Writing-CTW. Prerequisite: Engl 2150 or 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. 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 SR SEM: SEC ENG EDUCAT-CTW

Credit Hour(s): 3.0

Senior Seminar: Secondary English Education-CTW. Prerequisite: twelve hours upper-division English prior to registration. 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 GRADTN W/DISTINCTION PROJECT

Credit Hour(s): 1.0 TO 3.0

Graduation with Distinction Project. Prerequisite: consent of department; information available upon request.

ENGL 4500 INTERNSHIP

Credit Hour(s): 1.0 TO 3.0

Internship. 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.

ENGL 4510 GRANT AND PROPOSAL WRITING

Credit Hour(s): 3.0

Grant and Proposal Writing. 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 4520 GENDER AND WRITING

Credit Hour(s): 3.0

Gender and Writing. (Same as WSt 4520). Non-major prerequisite: Engl 1102 or Engl 1103 with grade of C or higher. Examines women's contributions and the role of gender in writing and rhetoric from ancient to contemporary cultures. May include writing projects in civic, social, and professional settings.

ENGL 4870 HONORS THESIS: RESEARCH

Credit Hour(s): 3.0

Honors Thesis: Research. Prerequisites: consent of the instructor and Honors Program director. Readings or research preparatory to honors thesis or project.

ENGL 4880 HONORS THESIS: WRITING

Credit Hour(s): 1.0 TO 6.0

Honors Thesis: Writing. Prerequisites: consent of the instructor and Honors Program director. Writing or production of honors thesis or project.

ENGL 4995 DIRECTED READINGS B.I.S.-CTW

Credit Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

EPY EDUCATIONAL PSYCHOLOGY

EPY 2040 LEARNING TO LEARN

Credit Hour(s): 3.0

Learning to Learn: Theories, Application, and Practice. Explores how applications of learning theories/research can 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 Hour(s): 3.0

Human Growth and Development. 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 2130 EXPLORING LEARNING & TEACHING

Credit Hour(s): 3.0

Exploring Learning and Teaching. 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.

EPY 3010 MEMORY&COGNITION(REALWORLD)

Credit Hour(s): 3.0

Learning, Memory, and Cognition in the Real World. Students examine major research findings in learning, memory, and cognition. Applications of research findings to educational and real world contexts are emphasized.

EXC EXCEPTIONAL CHILDREN

EXC 3560 OBSER/ASSESS INFTS/TODLRS/PRES

Credit Hour(s): 3.0

Observation and Assessment of Infants, Toddlers, and Preschoolers. Prerequisites: EDUC 2300 or permission of the instructor. 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 DISABILITY

Credit Hour(s): 3.0

Characteristics of Students with Disabilities. Prerequisite: admission to BLD program. 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 CHARACTER/INSTRUCT STRAT DISAB

Credit Hour(s): 3.0

Characteristics and Instructional Strategies for Students with Disabilities. 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 4320 INTRO TO LANGUAGE DISORDERS

Credit Hour(s): 3.0

Introduction to Language Disorders. 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).

EXC 4360 ANATOMY/PHYSIOL COMMUNICATION

Credit Hour(s): 3.0

Anatomy and Physiology for Communication. 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.

EXC 4370 SURVIVAL LEVEL AM SIGN LNGUAGE

Credit Hour(s): 3.0

Survival Level American Sign Language. 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 deaf culture. (Taught with EXC 6370.)

EXC 4380 INTERMED LEVL AM SIGN LANGUAGE

Credit Hour(s): 3.0

Intermediate Level American Sign Language. Prerequisite: EXC 4370 or a survival rating on the Signed Communication Proficiency Interview. 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. (Taught with EXC 6380.)

EXC 4480 INTRO TO HEARING SCI/DISORDERS

Credit Hour(s): 3.0

Introduction to Hearing Science and Disorders. 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.

EXC 4490 INTRODUCTION TO AURAL REHAB

Credit Hour(s): 3.0

Introduction to Aural Rehabilitation. Prerequisite: EXC 4480 with a minimum grade of "C" or consent of instructor. 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, auditory training, speech reading, and the design of individualized intervention programs.

EXC 4500 ENVIRON & MED ISSUES CHILD B-5

Credit Hour(s): 3.0

Environmental and Medical Issues for Children Birth to Five. Prerequisite: KH 2360. 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 MTHDS TCHG INFTS/TODDL W/DISAB

Credit Hour(s): 4.0

Methods for Teaching Infants and Toddlers with Disabilities. Prerequisites: EXC 4020 or permission of instructor. 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 MTHD TCHG PREK/KIND CHLD W/DIS

Credit Hour(s): 4.0

Methods for Teaching PreKindergarten and Kindergarten Children with Disabilities. Prerequisites: EXC 4020 or permission of instructor. 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 ED EVALUATION OF DISABILITIES

Credit Hour(s): 3.0

Educational Evaluation of Students with Disabilities. Prerequisite: admission to BLD program. 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 INDIV & CLASSROOM MANAGEMENT

Credit Hour(s): 3.0

Individual and Classroom Management. Prerequisite: admission to BLD program. 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 BLD

Credit Hour(s): 3.0

Instructional Methods for Students with Behavior Learning Disabilities. Prerequisite: admission to BLD program. 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 /SOCIAL METHODS BLD

Credit Hour(s): 3.0

Functional and Social Methods for Students with Behavior Learning Disabilities. Prerequisite: admission to BLD program. 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 4661 PRACTICUM I: CONSULTATIVE

Credit Hour(s): 3.0

Practicum I: Special Education General Education: Consultative. Prerequisite: admission to BLD program; students must have tort liability insurance prior to working with students in a school setting. 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. Course is graded as satisfactory/unsatisfactory. A minimum grade of "S" is required for this course.

EXC 4671 PARTNERSHIPS/PRACTICUM II

Credit Hour(s): 3.0

Educational Partnerships and Practicum II: Special Education General Curriculum: Consultative. Prerequisites: EPY 2050, EXC 4570, EXC 4580, EXC 4590, and EXC 4661. 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.

EXC 4810 DIRECTED READG & RESEARCH-SPE

Credit Hour(s): 1.0 TO 3.0

Directed Reading and Research in Special Education. Prerequisite: consent of instructor. Students intensively study selected areas of special education, through special reading or conducting special projects depending on the needs of the student. Course may not be used to substitute for a course which is taught on a regular basis. (Repeatable).

EXC 4960 SEMINAR IN SPECIAL EDUCATION

Credit Hour(s): 1.0 TO 3.0

Seminar in Special Education. Prerequisite: consent of the instructor. This course provides an opportunity for students to intensively analyze research in the area of theory and practice and the literature on current issues, trends, and functions of special education.

FI FINANCE

FI 3010 CONSUMER FINANCE

Credit Hour(s): 3.0

Consumer Finance. Prerequisites: None. Requires a 2.5 GSU GPA and 45 semester hours. (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 Hour(s): 3.0

Corporation Finance. Prerequisites: Acct 2101, Acct 2102, Econ 2106. CSP: 1, 2, 6. Requires a 2.5 GSU GPA 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. 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 Hour(s): 6.0

Fundamentals of Valuation. Prerequisites: Fi 3300, Math 1070. Bcom 3950. CSP: 1, 2, 6. Requires a 2.5 GSU GPA. 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 FI ANALYS/INTRO LOAN STRU-CTW

Credit Hour(s): 3.0

Financial Analysis and Introduction to Loan Structuring-CTW. Prerequisites: Fi 3300, CSP: 1,2,6. Requires a 2.5 GSU GPA and 45 semester hours. CTW: 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 INTERNAT'L FI

Credit Hour(s): 3.0

Foundations in International Finance. Prerequisites: Fi 4000. CSP: 1,2,6. Requires a 2.5 GSU GPA and 45 semester hours. 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.

FI 4200 INTRO DERIVATIVE MARKETS

Credit Hour(s): 3.0

Introduction to Derivative Markets. Prerequisites: Fi 4000. CSP: 1, 2, 6. Requires a 2.5 GSU GPA and 45 semester hours. 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 4240 GLOBAL PORTFOLIO MGT

Credit Hour(s): 3.0

Global Portfolio Management. Prerequisite: Fi 4000. CSP: 1,2,6. Requires a 2.5 GSU GPA and 45 semester hours. 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 manage- ment are introduced through lectures and class discussions of journal articles and of cases.

FI 4300 ADV CORPORATE FINANCE

Credit Hour(s): 3.0

Advanced Corporate Finance. Prerequisite: Fi 4000. CSP: 1, 2, 4, 6. Requires a 2.5 GSU GPA and 45 semester hours. 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 CASES & READ IN CORP FI

Credit Hour(s): 3.0

Cases and Readings in Corporate Finance. Prerequisite: Fi 4000. CSP: 1, 2, 4, 6. Requires a 2.5 GSU GPA and 45 semester hours. This course focuses on financial policy-making and practical applications of the topics covered in Fi 4300 through case analyses, complementary contemporary readings, and problem solving. The course also provides an oppor- tunity for the study of additional topics of special current significance. These additional topics include the joint impact of financing and investment decisions on firm value, and some or all of the following: capital raising, corporate control, risk management, international capital budgeting and financing, project finance, reorganizations, and advanced equity valuation. These additional topics are also covered in the same applications-oriented style.

FI 4389 DIR READ IN FINANCE

Credit Hour(s): 1.0 TO 3.0

Directed Readings in Finance. Prerequisites: Fi 4000, consent of instructor.

FI 4391 FIELD STUDIES IN FINANCE

Credit Hour(s): 1.0 TO 3.0

Field Studies in Finance. Prerequisite; Fi 4000 and consent of instructor. Requires a 2.5 GSU GPA and 45 semester hours. 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.

FI 4400 FIN MGT OF FIN SER FIRMS

Credit Hour(s): 3.0

Financial Management of Financial Services Firms. Prerequisite: Fi 4000. CSP: 1, 2, 6. Requires a 2.5 GSU GPA and 45 semester hours. 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 Hour(s): 3.0

The Financial System. Prerequisite: Fi 4000. CSP: 1, 2, 6. Requires a 2.5 GSU GPA and 45 semester hours. 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.

FILM FILM

FILM 1010 FILM AESTHETICS & ANALYSIS

Credit Hour(s): 3.0

Film Aesthetics and Analysis. Introduction to the cinematic techniques and themes utilized by film directors from around the world. Lectures, screenings, and discussions.

FILM 2700 HISTORY OF MOTION PICTURES

Credit Hour(s): 3.0

History of the Motion Pictures. 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 MEDIA INDUSTRY IN CULTURE

Credit Hour(s): 3.0

Media Industry in Culture. 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 3000 LIGHTING DESIGN:THEATR/FILM/TV

Credit Hour(s): 4.0

Lighting Design for Theatre, Film, and Television. Prerequisite: Film 1010 with grade of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. (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 3300 DRAMATIC WRITING

Credit Hour(s): 3.0

Dramatic Writing for Stage and Screen. Prerequisite: consent of instructor. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. (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 FOR THE CAMERA

Credit Hour(s): 4.0

Acting for the Camera. Prerequisites: Film 1010 and 2700 with grades of C or higher, or equivalent. Only students with an institutional GPA of 2.5 or higher are eligble to enroll in this course. (Same as Thea 4000.) Two lecture and two lab hours. Acting theory and practice related to film and television acting performance. Students must bear the cost of all materials and services required for the completion of class projects and assignments.

FILM 4110 POSTPRODUCTION

Credit Hour(s): 4.0

Postproduction. Prerequisites: Film 1010 and 2700 with grades of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. Two lecture and two laboratory hours per week. Non-linear editing processes and techniques with units focusing on visual montage, sound design, motion effects and graphics. (Special authorization required. See degree requirements).

FILM 4115 SCREENWRITING FOR SHORT FILM

Credit Hour(s): 3.0

Screenwriting for the Short Film. Prerequisites: Film 1010 and 2700 with grades of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll. Dramatic fiction for short film and video production. Provides an in-depth dramatic writing course for students intending to make short films and videos in subsequent production courses.

FILM 4120 PRODUCTION I

Credit Hour(s): 4.0

Production I. Prerequisites: Film 1010 and 2700 with grades of C or higher. Minimum 3.0 institutional GPA required. 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 PROD

Credit Hour(s): 4.0

Community-Based Media Production. Prerequisite: Film 4110 and 4120 with grades of C or higher. Only students with an insitutional GPA of 2.5 or higher are eligible to enroll in this course. 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 Hour(s): 4.0

Production II. Prerequisites: Film 4110 and 4120 with grades of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll. 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 FILM/DIGITAL PRODUCTION

Credit Hour(s): 4.0

Modes of Film and Digital Production. Prerequisites: Film 4120 with grade of C or higher. Only students with an institutional GPA of 3.0 or higher are eligible to enroll. 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 4150 DOCUMENTARY PRODUCTION

Credit Hour(s): 4.0

Documentary Production: Prerequisite: Film 4120 with grade of B or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll. 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 Hour(s): 4.0

Producing Emerging Media. Prerequisites: Film 4120 with a grade of B or higher. Minimum 2.5 institutional GPA required. 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 4165 SPECIAL PROD TOPICS

Credit Hour(s): 3.0 TO 4.0

Special Production Project. Prerequisite: Consent of instructor. 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 4170 AMERICAN FILM HISTORY I

Credit Hour(s): 4.0

American Film History I. Prerequisites: Film 1010 and 2700 with grades of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll. 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 Hour(s): 4.0

International Cinemas. Prerequisites: Film 1010 and 2700 with grades of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll. 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 4190 US INDEPENDENT FILM HISTORY

Credit Hour(s): 4.0

US Independent Film History. 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 Hour(s): 3.0

Television Analysis. 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 & TV

Credit Hour(s): 4.0

Critical History of Radio and Television. Prerequisites: Film 1010 and 2700 with grades of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll. 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 FILM

Credit Hour(s): 4.0

Documentary Film. Prerequisites: Film 1010 and 2700 with grades of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll. The history of non-fiction film and production.

FILM 4250 PRODUCING FOR TV & FILM

Credit Hour(s): 3.0

Producing for Television and Film. Prerequisite: Film 2700 with grade of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll. 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 Hour(s): 4.0

Adapting Literature to Film. Prerequisites: Film 1010 and 2700 with grades of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll. 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 FILM GENRES

Credit Hour(s): 4.0

Film Genres. Prerequisites: Film 1010 and 2700 with grades of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll. 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 Hour(s): 3.0

Feature Screenwriting I. Only students with an institutional GPA of 2.5 or higher are eligible to enroll. 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 SCREENWR II

Credit Hour(s): 3.0

Feature Screenwriting II. Prerequisite: Film 4310 with grade of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll. 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 4350 FILM AND HISTORY

Credit Hour(s): 4.0

Film and History. Prerequisites: Film 1010 and 2700 with grades of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll. (Same as Hist 4350.) Explores multiple interactions between cinema and the past; how film produces history and how history can be examined through film.

FILM 4750 FILM THEORY AND CRITICISM-CTW

Credit Hour(s): 4.0

Film Theory and Criticism-CTW. Prerequisites: Film 1010 and 2700 with grades of C or higher Only students with an institutional GPA of 2.5 or higher are eligible to enroll. 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 Hour(s): 4.0

African Americans in Film. Only students with an institutional GPA of 2.5 or higher are eligible to enroll. (Same as AAS 4900.) Mainstream Hollywood representation of African-Americans and the alternative film portrayals by African-American producers.

FILM 4765 GENDER AND FILM

Credit Hour(s): 3.0

Gender and Film. Prerequisites: Film 1010 and 2700 with grades of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll. (Same as WSt 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.

FILM 4770 RACE AND REPRESENTATION

Credit Hour(s): 4.0

Race and Representation. Prerequisite: Only students with an institutional GPA of 2.5 or higher are eligible to enroll. 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 4776 AFRICA AND HOLLYWOOD

Credit Hour(s): 4.0

Africa and Hollywood: Myth, Romance, and Savage Imagery. Prerequisites: Film 1010 and 2700 with grades of C or higher Only students with an institutional GPA of 2.5 or higher are eligible to enroll. This course explores the image of Africa projected into American mass culture through the vehicle of commercial films produced about Africa. (For film majors.)

FILM 4780 SPECIAL TOPICS

Credit Hour(s): 3.0 TO 4.0

Special Topics. Only students with an institutional GPA of 2.5 or higher are eligible to enroll. May be repeated once if topic varies.

FILM 4800 FILM AND MEDIA INDUSTRIES

Credit Hour(s): 3.0

Film and Media Industries. Only students with an institutional GPA of 2.5 or higher are eligible to enroll. Technological, economic, historical, political, and social forces that shape the film, television, and media industries.

FILM 4810 MEDIA AND POPULAR CULTURE

Credit Hour(s): 3.0

Media and Popular Culture Prerequisites: Film 1010 and 2700 with grades of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll. (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 Hour(s): 4.0

Computer Graphic Imaging. Prerequisites: Film 1010 and 2700 with grades of C or higher Only students with an institutional GPA of 2.5 or higher are eligible to enroll. (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 4841 COMPUTER ANIMATION

Credit Hour(s): 3.0

Computer Animation. Prerequisites: Film 1010 and 2700 with grades of C or higher Only students with an institutional of 2.5 or higher are eligible to enroll. (Same as CSc 4841 and GrD 4841.) Three-dimensional computer animation including classical animation techniques, cel animation, key framing, storyboarding, physically-based modeling, character animation, lighting, camera placement and motion, motion blue, compositing, and other relevant topics. (For film majors.)

FILM 4870 HONORS THESIS: RESEARCH

Credit Hour(s): 3.0

Honors Thesis: Research. Prerequisites: consent of instructor and Honors Program director. Readings and research preparatory to honors thesis or project.

FILM 4880 HONORS THESIS: WRITING

Credit Hour(s): 3.0 TO 6.0

Honors Thesis: Writing. Prerequisites: Film 4870 with grade of C or higher and consent of instructor and Honors Program director. Writing or production of honors thesis or project.

FILM 4890 SPECIAL PROJECTS

Credit Hour(s): 3.0 TO 9.0

Special Projects. Prerequisites: Nine hours major credit and consent of instructor. Only students with an institutional GPA of 2.5 or higer are eligible to enroll. 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 Hour(s): 3.0

Senior Seminar in Film-CTW. Prerequisites: Senior class standing, Film 1010 and 2700 with grades of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll. 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 PROD PROJECT

Credit Hour(s): 3.0 TO 4.0

Special Production Project. Prerequisites: Consent of instructor. 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 Hour(s): 4.0

American Film History II. Prerequisites: Film 1010 and 2700 with grades of C or higher Only students with an institutional GPA of 2.5 or higher are eligible to enroll. 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 Hour(s): 1.0 TO 6.0

Internship. Prerequisite: eligibility criteria may be obtained from Department of Communication Internship Coordinator. Representative field experiences in film and video.

FILM 4995 DIRECTED READINGS B.I.S.-CTW

Credit Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

FOLK FOLKLORE

FOLK 3000 AMERICAN FOLKLORE

Credit Hour(s): 3.0

American Folklore. Prerequisite: Engl 1102 or 1103 with grade of C or higher. 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 Hour(s): 3.0

Folklore and Literature. Prerequisite: Engl 1102 or 1103 with grade of C or higher. 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 Hour(s): 3.0

Georgia Folklife. Prerequisite: Engl 1102 or 1103 with grade of C or higher. 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 Hour(s): 3.0

America's Folk Crafts. Prerequisite: Engl 1102 or 1103 with grade of C or higher. 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 4100 BRITISH FOLK CULTURE

Credit Hour(s): 3.0

British Folk Culture. Prerequisite: Engl 1102 or 1103 with grade of C or higher. 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 Hour(s): 3.0

Irish Folk Culture. Prerequisite: Engl 1102 or 1103 with grade of C or higher. 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 Hour(s): 3.0

Introduction to Language. (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 Hour(s): 3.0

Languages of the World. (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 Hour(s): 3.0

Introduction to Linguistics. (Same as AL 3021.) An introduction to the major areas of linguistics: phonetics, phonology, morphology, syntax, semantics, historical linguistics, and sociolinguistics.

FORL 3022 FOUND SEC LANG TEACHING

Credit Hour(s): 3.0

Foundations of Second Language Teaching. 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 3031 LANGUAGE IN SOCIETY

Credit Hour(s): 3.0

Language in Society. Prerequisite: AL 3021 or Forl 3021 with grade of C or higher, or equivalent. (Same as AL 3031.) Introduction to sociolinguistics, focusing on the ways in which language serves the needs of the individual and of society.

FORL 3041 SECOND LANGUAGE ACQUISITION

Credit Hour(s): 3.0

Introduction to Second Language Acquisition. Prerequisite: AL 3021 or Forl 3021 with grade of C or higher, or equivalent. (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 LIT. IN TRANS.

Credit Hour(s): 3.0

World Literature in Translation. 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.

FORL 4011 PHONETICS AND PHONOLOGY

Credit Hour(s): 3.0

Phonetics and Phonology. Prerequisite: ForL 3021 or AL 3021 with grade of C or higher, or equivalent. (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 Hour(s): 3.0

Morphology and Syntax. Prerequisite: ForL 3021 or AL 3021 with grade of C or higher, or equivalent. (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 FORL EDUCATORS AND TECHNOLOGY

Credit Hour(s): 3.0

Foreign Language Educators and Technology. 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 MET/MAT-TCHG-FOR LANG: P-8

Credit Hour(s): 3.0

Methods and Materials for Teaching Foreign Languages, P-8. 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 MET/MAT-TCH-FOR LANG:9-12

Credit Hour(s): 3.0

Methods and Materials for Teaching Foreign Languages, 9-12. 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 MET/MAT-TEACHING LAT: P-12

Credit Hour(s): 3.0

Methods and Materials for Teaching Latin: P-12. 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 PRAC IN FOR LANG EDUCATN

Credit Hour(s): 3.0

(TE) Practicum in Foreign Language Education. Prerequisites: ForL 4025 or ForL 4026 with grade of C or higher, or equivalent. 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.

FORL 4060 INTERNSHIP FL ED

Credit Hour(s): 12.0

(TE) Internship in Foreign Language Education. Prerequisite: consent of instructor. 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.

FORL 4061 STU TEACH IN FOREIGN LANG

Credit Hour(s): 4.0

(TE) Student Teaching in Foreign Languages. Prerequisites: completion of all other course in teacher education, and passing score on departmental language proficiency examination. Observation and teaching during the entire school day under the guidance of a selected classroom teacher.

FORL 4062 STU TEACH IN FOREIGN LANG

Credit Hour(s): 4.0

(TE) Student Teaching in Foreign Language. Prerequisites: completion of all other courses in teacher education, and passing score on departmental language proficiency examination. Observation and teaching during the entire school day under the guidance of a selected classroom teacher.

FORL 4063 STU TEACH IN FOREIGN LANG

Credit Hour(s): 4.0

(TE) Student Teaching in Foreign Language. Prerequisites: completion of all other courses in teacher education, and passing score on the departmental language proficiency examination. Observation and teaching during the entire school day under the guidance of a selected classroom teacher.

FORL 4111 SEMANTICS AND PRAGMATICS

Credit Hour(s): 3.0

Semantics and Pragmatics in Linguistic Theory. Prerequisite: ForL 3021 or AL 3021 with grade of C or higher, or equivalent. (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 Hour(s): 3.0

Historical Linguistics. Prerequisite: AL 3021 or Forl 3021 with grade of C or higher, or equivalent. (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 Hour(s): 3.0

Bilingualism. Prerequisite: AL 3021 or Forl 3021 with grade of C or higher, or equivalent. (Same as AL 4131.) Comprehensive introduction to the phenomena, role, and function of bilingualism in the contemporary world with special emphasis on North America.

FORL 4151 CULTURE/LANGUAGE LEARNING

Credit Hour(s): 3.0

Culture and Language Learning. Prerequisite: AL 3021 or ForL 3021 with grade of C or higher, or equivalent. (Same as AL 4151.) Introduction to the role of culture in second language learning. Topics include cultures of teachers, students, and language; cultural factors in second language writing, reading, speaking, and listening.

FREN FRENCH

FREN 1001 ELEMENTARY FRENCH I

Credit Hour(s): 3.0

Elementary French I. 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 Hour(s): 3.0

Elementary French II. Prerequisite: Fren 1001 with grade of C or higher, or equivalent. 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 Hour(s): 3.0

Intermediate French I. Prerequisite: Fren 1002 with grade of C or higher, or equivalent. Continuing development of listening, speaking, reading, and writing skills. Vocabulary expansion; further work with grammatical structures.

FREN 2002 INTERMEDIATE FRENCH II

Credit Hour(s): 3.0

Intermediate French II. Prerequisite: Fren 2001 with grade of C or higher, or equivalent. 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 2101 INTENSIVE INTERM FRENCH

Credit Hour(s): 6.0

Intensive Intermediate French. Prerequisite: Fren 1002 with grade of C or higher, or equivalent. Intensive exposure to intermediate French, with emphasis on communicative competence, equivalent to Fren 2001 and 2002.

FREN 2212 FREN THEATER IN TRANSLATION

Credit Hour(s): 3.0

The French Theater in Translation. Reading and discussion of representative works by major authors.

FREN 3010 FRENCH PRONUNCIATION

Credit Hour(s): 1.0

French Pronunciation. Prerequisite: Fren 2001 with grade of C or higher, or equivalent. Basic rules of French pronunciation; introduction to phonetic transcription of French.

FREN 3013 INTENSIVE GRAMMAR REVIEW

Credit Hour(s): 3.0

Intensive Grammar Review. Prerequisite: Fren 2002 with grade of C or higher, or equivalent. Intensive review and in-depth analysis of grammatical structures.

FREN 3023 ADV CONVERSTN & COMPOSITN

Credit Hour(s): 3.0

Advanced Conversation and Composition. Prerequisite: Fren 2002 with grade of C or higher, or equivalent. Development of oral fluency, vocabulary building, and practice in the patterns of idiomatic French; correct expression, style, and organization in expository writing.

FREN 3033 INTR/ANALYSIS OF LIT TXTS-CTW

Credit Hour(s): 3.0

Introduction to the Analysis of Literary Texts-CTW. Prerequisite: Fren 2002 with grade of C or higher, or equivalent. 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.

FREN 3395 STUDY ABROAD

Credit Hour(s): 1.0 TO 3.0

Study Abroad. French language and culture in a native environment. Designed specifically for students participating in the University System of Georgia Study Abroad Programs.

FREN 3396 STUDY ABROAD

Credit Hour(s): 1.0 TO 3.0

Study Abroad. French language and culture in a native environment. Designed specifically for students participating in the University System of Georgia Study Abroad Programs.

FREN 3397 STUDY ABROAD

Credit Hour(s): 1.0 TO 3.0

Study Abroad. French language and culture in a native environment. Designed specifically for students participating in the University System of Georgia Study Abroad Programs.

FREN 3690 HONORS READINGS

Credit Hour(s): 1.0 TO 3.0

Honors Readings. Prerequisites: consent of the instructor and Honors Program director. Discussion and readings on selected topics.

FREN 4033 FRENCH FOR INTL BUSNSS I

Credit Hour(s): 3.0

French for International Business I. Prerequisites: Fren 3013, 3023, and 3033 with grades of C or higher. Business vocabulary and correspondence. Protocol of business environment. Reading and analysis of commercial texts.

FREN 4043 FRENCH FOR INTL BUSNSS II

Credit Hour(s): 3.0

French for International Business II. Prerequisite: Fren 4033 with grade of C or higher, or consent of instructor. Readings in the foreign language of current materials related to business and trade structures, issues, and procedures.

FREN 4053 ADV GRAMMAR & TRANSLATION

Credit Hour(s): 3.0

Advanced Grammar and Translation. Prerequisites: Fren 3013, 3023, and 3033 with grades of C or higher. 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 Hour(s): 3.0

Practicum in French. Prerequisites: senior standing and consent of instructor. Directed work in special projects; field experience; internship.

FREN 4103 HISTORY OF FRENCH CIVIL-CTW

Credit Hour(s): 3.0

History of French Civilization-CTW. Prerequisites: Fren 3013, 3023, and 3033 with grades of C or higher. 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.

FREN 4123 CONTEMPORARY FRANCE-CTW

Credit Hour(s): 3.0

Contemporary France-CTW. Prerequisites: Fren 3013, 3023, and 3033 with grades of C or higher. 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.

FREN 4203 MED AND REN FRENCH LIT

Credit Hour(s): 3.0

Medieval and Renaissance French Literature. Prerequisites: Fren 3013, 3023, and 3033 with grades of C or higher. 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.

FREN 4303 FR LIT CLASSICAL PERIOD

Credit Hour(s): 3.0

French Literature of the Classical Period. Prerequisites: Fren 3013, 3023, and 3033 with grades of C or higher.

Representative readings by important authors in various genres.

FREN 4403 FR LIT ENLIGHTENMENT

Credit Hour(s): 3.0

French Literature of the Enlightenment. Prerequisites: Fren 3013, 3023, and 3033 with grades of C or higher. Rise and development of the "philosophical" movement and of pre-romanticism. Representative readings by important authors in various genres.

FREN 4414 SPECIAL TOPICS IN FRENCH LIT

Credit Hour(s): 3.0

Special Topics in French Literature. Prerequisites: Fren 3013, 3023, and 3033 with grades of C or higher. Study of particular authors, genres, schools, or topics not covered in regular courses. May be repeated if topics vary.

FREN 4503 FR ROMANT/REALSM/SYMBOLSM

Credit Hour(s): 3.0

French Romanticism, Realism, and Symbolism. Prerequisites: Fren 3013, 3023, and 3033 with grades of C or higher. Principal trends of the nineteenth century. Representative readings by important authors in various genres.

FREN 4613 FR LIT OF 20TH CENTURY I

Credit Hour(s): 3.0

French Literature of the Twentieth Century I. Prerequisites: Fren 3013, 3023, and 3033 with grades of C or higher. Major literary trends through 1945. Representative readings by important authors in various genres.

FREN 4623 FR LIT OF 20TH CENTURY II

Credit Hour(s): 3.0

French Literature of the Twentieth Century II. Prerequisites: Fren 3013, 3023, and 3033 with grades of C or higher. Major literary trends since 1945. Representative readings by major authors in various genres.

FREN 4633 FRANCOPHONE LITERATURE

Credit Hour(s): 3.0

Francophone Literature. Prerequisites: Fren 3013, 3023, and 3033 with grades of C or higher. Major literary works from Francophone cultures beyond France. Representative readings from major and emerging writers in various genres.

FREN 4870 HONORS THESIS: RESEARCH

Credit Hour(s): 3.0

Honors Thesis: Research. Prerequisites: consent of the instructor and Honors Program director. Readings or research preparatory to honors thesis or project.

FREN 4880 HONORS THESIS: WRITING

Credit Hour(s): 3.0 TO 6.0

Honors Thesis: Writing. Prerequisites: Fren 4870 with grade of C or higher, consent of the instructor and Honors Program director. Writing or the production of honors thesis or project.

FREN 4995 DIRECTED READINGS B.I.S.-CTW

Credit Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. 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 GEOGRAPHY

GEOG 1101 INTRO TO HUMAN GEOGRAPHY

Credit Hour(s): 3.0

Introduction to Human Geography. Introductory regional geography focusing on the ways in which cultural groups around the world utilize and modify their landscapes and environments.

GEOG 1112 INTRO TO WEATHER & CLIMATE

Credit Hour(s): 4.0

Introduction to Weather and Climate. 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 Hour(s): 4.0

Introduction to Landforms. 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 & GIS

Credit Hour(s): 4.0

Introductory Mapping and Geographic Information Science. 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 4097 TOPICS GEOGRAPHICAL SCIENCES

Credit Hour(s): 1.0 TO 3.0

Topics in Geographical Sciences. Prerequisite: consent of instructor. 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 Hour(s): 3.0

Geography of Africa. (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 Hour(s): 4.0

Geography of East Asia. 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.

GEOG 4408 GEOG MIDDLE EAST/NORTH AFRICA

Credit Hour(s): 4.0

Geography of the Middle East and North Africa. (Same as MES 4310.) An examination of the physical and human geography of the Middle East, from Iran to Morocco. Emphasis is placed on forces that define and shape the Middle East today, including the peace process, water resource management, economic development, and the balance between religious and secular life.

GEOG 4410 GLOBAL TOURISM

Credit Hour(s): 3.0

Global Tourism: People, Places, Impact. This course examines the environmental, economic and cultural impacts of tourism. Specific topics include: spatial variation in tourist flows, the impact of tourism development on land use planning, emerging trends in sustainable and eco-tourism. Extensive attention will be devoted to the relationship between global environmental change and tourism in a variety of ecosystems: i.e. coastal, polar, forest and riparian. The course will incorporate case studies from US and global tourist destinations.

GEOG 4515 QUALITATIVE METHODS IN GEOG

Credit Hour(s): 4.0

Qualitative Methods in Geography. 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 Hour(s): 4.0

Digital Cartography. Prerequisite: Geog 2206 with grade of C or higher. An introduction to the principles, methods, theory, and practices of contemporary digital cartography.

GEOG 4520 QUANTITATIVE SPATIAL ANALYSIS

Credit Hour(s): 4.0

Quantitative Spatial Analysis. Prerequisite: Math 1070 with grade of C or higher, or consent of instructor. 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 Hour(s): 4.0

Introduction to Remote Sensing. Prerequisite: six hours of natural science laboratory sequence or consent of instructor. (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 Hour(s): 4.0

Geographic Information Systems. Prerequisite: Geog 2206 or 4518 with grade of C or higher, or consent of instructor. Fundamental concepts and applications of raster and vector- based GIS emphasizing analysis of digital spatial data through applied methods.

GEOG 4534 ADVANCED GEOGRAPHIC INFO SYSTM

Credit Hour(s): 4.0

Advanced Geographic Information Systems. Prerequisite: Geog 4532 with grade of C or higher, or consent of instructor. Advanced GIS concepts relating to spatial database creation and on-line distribution.

GEOG 4550 FIELD SCHOOL IN GEOGRAPHY

Credit Hour(s): 4.0 TO 8.0

Field School in Geography 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.

GEOG 4640 GEOMORPHOLOGY

Credit Hour(s): 4.0

Geomorphology. Prerequisite: Geog 1113 or Geol 1122K with grade of C or higher, or consent of instructor. (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 ADVNCED WEATHER & CLIMATE

Credit Hour(s): 4.0

Advanced Weather and Climate. Prerequisite: Geog 1112 with grade of B or higher, or consent of instructor. 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 Hour(s): 4.0

Environmental Conservation. Prerequisite: Geol 1121K, Geol 1122K, Geog 1112, or Geog 1113 with grade of B or higher, or consent of instructor. (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 RESOURCE MANAGEMENT

Credit Hour(s): 4.0

Water Resources Management. Prerequisite: Geog 1112, Geog 1113, or Geol 1112K, or consent of instructor. General characteristics of water resources; principles and methodology, planning procedures, political, socioeconomic, and legal aspects of water resources management.

GEOG 4648 BIOGEOGRAPHY

Credit Hour(s): 4.0

Biogeography. Prerequisites: Geog 1112 and Biol 1108K with grades of B or higher, or consent of instructor. Spatial variations, processes, and environmental constraints influencing the distribution of life.

GEOG 4650 APPLIED HYDROLOGY

Credit Hour(s): 4.0

Applied Hydrology. Prerequisite: Geog 1112, Geog 1113, or Geol 1112K with grade of C or higher, or consent of instructor. (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 Hour(s): 3.0

Cultural Geography. Prerequisite: consent of instructor. Geographic factors underlying diffusion and analysis of distribution of material and non-material culture elements.

GEOG 4762 ECONOMIC GEOGRAPHY

Credit Hour(s): 4.0

Economic Geography. Systematic examination of the changing world economic system including traditional and modern agriculture, manufacturing, and service activity in both developing and developed areas.

GEOG 4764 URBAN GEOGRAPHY

Credit Hour(s): 4.0

Urban Geography. 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.

GEOG 4768 METROPOLITAN ATLANTA

Credit Hour(s): 3.0

Metropolitan Atlanta. (Same as Hist 4320 and Soci 4279.) Interdisciplinary perspective focusing on social, historical, and geographic processes that have shaped the Atlanta region.

GEOG 4774 CONTEMP URBAN THEORY & ISSUES

Credit Hour(s): 3.0

Contemporary Urban Theory and Issues. An examination of urban geographical theory as a framework for understanding contemporary cities in the United States.

GEOG 4778 POLITICAL GEOGRAPHY

Credit Hour(s): 3.0

Political Geography. 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.

GEOG 4782 ENVIRONMENTAL PSYCHOLOGY

Credit Hour(s): 3.0

Environmental Psychology. Prerequisite: Psyc 1101 with grade of C or higher. (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

Credit Hour(s): 4.0

Climatic Change. Prerequisite: Geog 1112 with grade of C or higher, or consent of instructor. 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

Credit Hour(s): 4.0

Senior Seminar. Prerequisites: Geog 2204, 4518, 4520, and 4522 with grades of C or higher. 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 Hour(s): 3.0

Geography Internship. Prerequisites: advanced standing, and approval of sponsoring faculty advisor and of department chair. 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.

GEOG 4834 APPLIED RESEARCH IN GIS

Credit Hour(s): 1.0 TO 3.0

Applied Research in GIS. Applied GIS research that demonstrates the ability of the student to apply GIS knowledge to real-world situations.

GEOG 4870 HONORS THESIS: RESEARCH

Credit Hour(s): 3.0

Honors Thesis: Research. Prerequisites: consent of instructor and the Honors Program director. Readings or research preparatory to honors thesis or project.

GEOG 4880 HONORS THESIS: WRITING

Credit Hour(s): 3.0

Honors Thesis: Writing. Prerequisites: Geog 4870 with grade of C or higher, and consent of instructor and Honors Program director. Writing or production of honors thesis or project.

GEOG 4995 DIRECTED READINGS B.I.S.

Credit Hour(s): 3.0 TO 4.0

Directed Readings B.I.S. 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 GEOLOGY

GEOL 1121K INTRODUCTORY GEOSCIENCES I

Credit Hour(s): 4.0

Introductory Geosciences I. 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 Hour(s): 4.0

Introductory Geosciences II. Prerequisite: Geol 1121K. 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&ENVIRONMENT

Credit Hour(s): 3.0

Geologic Resources and the Environment. 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 INTRO TO EARTH MATERIALS

Credit Hour(s): 4.0

Introduction to Earth Materials. Prerequisite: Geol 1121K with grade of C or higher. 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 Hour(s): 4.0

Aqueous Geochemistry. Prerequisites: Geol 1121K, Math 2212, and Chem 1212K. (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 Hour(s): 3.0

Geology of Georgia. Prerequisite: Geol 1121K, or equivalent, or consent of instructor. One lecture hour a week. A minimum of five days in the field must be fulfilled to receive credit in the course. Before enrolling in the course, students should confirm in advance their availability on announced weekends. Nature, distribution, and significance of lithologies, structures, and ages of rocks in Georgia and other southeastern states. Geologic and tectonic history of the southern Appalachians, with emphasis on plate tectonic models. Critical discussion of the literature, with emphasis on notable controversies.

GEOL 4006 SEDIMENTARY ENVIR&STRATIGRAPHY

Credit Hour(s): 4.0

Sedimentary Environments and Stratigraphy. Prerequisite: Geol 3002 with grade of C or higher. Three lecture and three laboratory hours a week, plus field trips. 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.

GEOL 4007 HYDROGEOLOGY

Credit Hour(s): 4.0

Hydrogeology. Prerequisites: Geol 1122K and Math 2212. 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 Hour(s): 4.0

Principles of Paleontology. Prerequisite: Geol 1122K with grade of C or higher. Two lecture and two laboratory hours a week. An introduction to the principles of paleontology by examination of the fossil record, supplemented by study of selected examples of commonly preserved organisms. The use of fossils in paleoenvironmental reconstruction and biostratigraphic correlation will be stressed as well as morphology and systematics.

GEOL 4013 STRUCTURAL GEOLOGY

Credit Hour(s): 4.0

Structural Geology. Prerequisites: Geol 3002. Three lecture and three laboratory hours a week. 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.

GEOL 4015 CRYSTAL AND OPTICAL MINERALOGY

Credit Hour(s): 4.0

Crystallography and Optical Mineralogy. Prerequisite: Geol 3002 with grade of C or higher. Three lecture and three laboratory hours a week. Principles of crystallography and optical mineralogy. Laboratory study of minerals using the polarizing microscope.

GEOL 4016 IGNEOUS & METAMORPHC PETROLOGY

Credit Hour(s): 4.0

Igneous and Metamorphic Petrology. 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 Hour(s): 4.0

Environmental Geology. Prerequisites: Geol 1121K and Chem 1211K. 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.

GEOL 4023 TERRESTRIAL SEDIMENTS

Credit Hour(s): 3.0

Terrestrial Sediments. Prerequisite: Geol 4006 with grade of C or higher or consent of instructor. 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 4095 SEMINAR IN GEOLOGICAL SCIENCE

Credit Hour(s): 1.0

Seminar in Geological Sciences. Prerequisite: at least 12 hours in geology. One lecture hour per week. Current research topics in geological sciences. May be repeated once.

GEOL 4097 TOPICS IN GEOLOGICAL SCIENCES

Credit Hour(s): 1.0 TO 3.0

Topics in Geological Sciences. Prerequisite: consent of instructor. 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 - GEOLOGY

Credit Hour(s): 3.0

Independent Research in Geological Sciences. Prerequisites: prior approval of a written program of the proposed work and consent of instructor. Six laboratory hours a week. It is normal for the research to span more than one semester.

GEOL 4120 BASIC FIELD GEOLOGY

Credit Hour(s): 3.0

Basic Field Geology. Prerequisite: Completion of a core-curriculum science sequence and consent of instructor. 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.

GEOL 4121 ADVANCED FIELD GEOLOGY

Credit Hour(s): 3.0

Advanced Field Geology. Prequisites: Geol 4006 and 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.

GEOL 4123 GEOINFORMATICS

Credit Hour(s): 3.0

Geoinformatics. 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 Hour(s): 4.0

Introduction to Remote Sensing. Prerequisite: Six hours of natural science laboratory sequence, or consent of instructor. (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

Credit Hour(s): 4.0

Senior Seminar. Prerequisites: at least 17 hours of geology at the 4000 level, including Geol 4006, 4013, 4095, or consent of instructor. 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 Hour(s): 3.0

Honors Thesis: Research. Prerequisites: consent of the instructor and Honors Program director. Readings or research preparatory to honors thesis project.

GEOL 4880 HONORS THESIS: WRITING

Credit Hour(s): 3.0

Honors Thesis: Writing. Prerequisites: Geol 4870, consent of the instructor and Honors Program director. Writing or production of honors thesis or project.

GEOL 4995 DIRECTED READINGS B.I.S.

Credit Hour(s): 3.0 TO 4.0

Directed Readings B.I.S. 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 GERONTOLOGY

GERO 4110 AGING POLICY AND SERVICES

Credit Hour(s): 3.0

Aging Policy and Services. (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 Hour(s): 3.0

Aging and Society. (Same as Soci 4116 and WSt 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 Hour(s): 3.0

Global Aging and Families. (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.

GERO 4122 DEATH, DYING AND LOSS

Credit Hour(s): 3.0

Death, Dying and Loss. (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 FAMILY, INTIMACY, AND AGING

Credit Hour(s): 3.0

Ties that Bind: Family,Intimacy,and Aging. (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 Hour(s): 3.0

Health and the Older Adult. (Same as HHS 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 Hour(s): 3.0

Communication and Aging. (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 Hour(s): 3.0

Anthropology of Aging. (Same as Anth 4500.) Anthropological approach to the aging process in western and non-western societies.

GERO 4610 PSYCHOLOGY OF AGING

Credit Hour(s): 3.0

Psychology of Aging. (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 Hour(s): 3.0

Special Topics in Gerontology. 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 Hour(s): 1.0 TO 6.0

Directed Study in Gerontology. 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 Hour(s): 1.0 TO 6.0

Gerontology Internship. Prerequisite: grade of C or higher in all gerontology courses. 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.

GRD GRAPHIC DESIGN

GRD 3000 INTRODUCTION TO GRAPHIC DESIGN

Credit Hour(s): 3.0

Introduction to Graphic Design. Prerequisites: Art 1010, 1020, 1030, and 1040 or 1050 with grades of C or higher. 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.

GRD 3150 INTRODUCTION TO TYPOGRAPHY

Credit Hour(s): 3.0

Introduction to Typography. Prerequisites: Art 1010, 1020, 1030, and 1040 or 1050 with grades of C or higher. 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.

GRD 3200 INTERMEDIATE GRAPHIC DESIGN

Credit Hour(s): 3.0

Intermediate Graphic Design. Prerequisites: GrD 3000 with grade of C or higher. Continued development of conceptual and traditional/ digital media skills including art direction, image-making, and specialized problem areas. Lab Fee: $20.00.

GRD 3300 ILLUSTRTN:CONCEPTS THRU IMAGES

Credit Hour(s): 3.0

Illustration: Concepts through Images. Prerequisite: GrD 3000 with grade of C or higher. Traditional and experimental illustrative techniques with digital and non-digital media; applications to advertising, editorial design, corporate, collateral, and design specializations. Lab Fee: $20.00.

GRD 3400 GRAPHIC DESIGN SURVEY

Credit Hour(s): 3.0

Graphic Design Survey. 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 Hour(s): 3.0

History of Graphic Design. Prerequisites: GrD 3200 with grade of C or higher and consent of instructor. Survey of aesthetic, cultural, and technological influences on written and printed media including sources of modern design.

GRD 4000 SELECTED TOPICS:GRAPHIC DESIGN

Credit Hour(s): 3.0

Selected Topics in Graphic Design. Prerequisite: consent of graphic design coordinator or instructor. Selected Topics for Graphic Design art majors. May be repeated for a maximum of six credit hours. Lab Fee: $20.00.

GRD 4020 ADVANCED TYPOGRAPHIC DESIGN

Credit Hour(s): 3.0

Advanced Typographic Design. Prerequisites: GrD 3200 with grade of C or higher, and consent of graphic design area coordinator or instructor. Advanced concepts in typographic design within a studio problem-solving format; advanced digital techniques, formal, and experimental applications of typography. Lab Fee: $20.00.

GRD 4100 PRINT & EDITORIAL DESIGN

Credit Hour(s): 3.0

Print and Editorial Design. Prerequisites: GrD 3200 with grade of C or higher, and consent of graphic design coordinator or instructor. 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. Lab Fee: $20.00.

GRD 4150 COLLATERAL DESIGN:PRINT APPLS

Credit Hour(s): 3.0

Collateral Design for Print Applications. Prerequisites: GrD 3200 with grade of C or higher and consent of graphic design coordinator or instructor. 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. Lab Fee: $20.00.

GRD 4200 CORPORATE IDENTITY DESIGN

Credit Hour(s): 3.0

Corporate Identity Design. Prerequisites: GrD 3200 with grade of C or higher, and consent of graphic design coordinator or instructor. 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. Lab Fee: $20.00.

GRD 4250 GRAPHIC DESIGN IN POP CULTURE

Credit Hour(s): 3.0

Graphic Design in Popular Culture. Prerequisites: GrD 3200 with grade of C or higher, and consent of graphic design coordinator or instructor. 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. Lab Fee: $20.00.

GRD 4300 INTERNSHIP IN GRAPHIC DESIGN

Credit Hour(s): 3.0

Internship in Graphic Design. Prerequisites: GrD 4020, 4100, and 4310 with grades of C or higher, and consent of graphic design coordinator or instructor. Specialized field training allowing practical professional experience with major design firms, advertising agencies, and corporations. Lab Fee: $20.00.

GRD 4310 MULTIMEDIA DESIGN

Credit Hour(s): 3.0

Multimedia Design. Prerequisites: GrD 3200 with grade of C or higher, and consent of graphic design coordinator or instructor. 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. Lab Fee: $20.00.

GRD 4350 GRAPHIC DESGN THRU ADVERTISING

Credit Hour(s): 3.0

Graphic Design through Advertising. Prerequisites: GrD 3200 with grade of C or higher, and consent of graphic design coordinator or instructor. 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. Lab Fee: $20.00.

GRD 4400 DESIGN FOR FILM & TV

Credit Hour(s): 3.0

Design for Film and Television. Prerequisites: GrD 3200 with grade of C or higher, and consent of graphic design coordinator or instructor. 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. Lab Fee: $20.00.

GRD 4450 PROF PRACTICE IN GRAPHIC DESGN

Credit Hour(s): 3.0

Professional Practices in Graphic Design. Prerequisites: GrD 3200 with grade of C or higher, or concurrently, and consent of graphic design coordinator or instructor. 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. Lab Fee: $20.00.

GRD 4550 SPEC APPLICTNS OF GRAPH DESIGN

Credit Hour(s): 3.0

Specialized Applications of Graphic Design. Prerequisites: GrD 3200 with grade of C or higher, and consent of graphic design coordinator or instructor. Specialized and alternative applications of graphic designs in a studio format; identity through packaging; point of purchase design; signage and display. Lab Fee: $20.00.

GRD 4600 SENIOR WORKSHOP-GRAPHIC DESIGN

Credit Hour(s): 3.0

Senior Workshop in Graphic Design. Prerequisites: GrD 3200 with grade of C or higher, and consent of graphic design coordinator or instructor. Advanced exploration of multimedia including illustrative and photographic animation, interactivity, internet applications, and strategic communication. Professional practices in digital media. Lab Fee: $20.00.

GRD 4840 COMPUTER GRAPHICS IMAGING

Credit Hour(s): 3.0

Computer Graphic Imaging. Prerequisites: Art 1020 and Art 1030 or 1040 with grades of C or higher. (Same as CSc 4840 and Film 4840.) Modeling techniques include lofting, extrusion, surfaces of revolution, constructive solid geometry, procedural modeling, metaballs, and others. Image synthesis techniques include scan-line graphics, ray tracing, and radiosity. Also covered are anti-aliasing, surface mapping, shadowing, lighting, and other relevant topics. Lab Fee: $20.00.

GRD 4950 GRAPHIC DESIGN PORTFOLIO-CTW

Credit Hour(s): 3.0

Graphic Design Portfolio-CTW. Prerequisites: GrD 3200 with grade of C or higher, and consent of graphic design coordinator or instructor. 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 Hour(s): 3.0

Special Problems. Prerequisites: consent of instructor and of School director. Independent studies initiated by the student. May be repeated for a maximum of six credit hours.

GRKA GREEK - ANCIENT

GRKA 1001 ELEMENTARY ANCIENT GREEK I

Credit Hour(s): 3.0

Elementary Ancient Greek I. 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 Hour(s): 3.0

Elementary Ancient Greek II. Prerequisite: GrkA 1001 with grade of C or higher, or equivalent. Basic syntactical structures with particular emphasis on the verb. Reading of ancient Greek selections that illustrate the grammatical structures studied.

GRKA 2001 INTERMEDIATE ANCIENT GREEK I

Credit Hour(s): 3.0

Intermediate Ancient Greek I. Prerequisite: GrkA 1002 with grade of C or higher, or equivalent. This course will continue the study and mastery of Greek syntax, with emphasis on readings from ancient Greek authors of increasing difficulty.

GRKA 2002 INTERMEDIATE ANCIENT GREEK II

Credit Hour(s): 3.0

Intermediate Ancient Greek II. Prerequisite: GrkA 2001 with grade of C or higher, or equivalent. Rudiments of ancient Greek syntax; reading original passages from ancient Greek authors; the Lysis of Plato will be studied in depth; selections from The Apology of Plato.

GRKM GREEK - MODERN

GRKM 1001 ELEMENTARY MODERN GREEK I

Credit Hour(s): 3.0

Elementary Modern Greek I. 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 Hour(s): 3.0

Elementary Modern Greek II. Prerequisite: GrkM 1001with grade of C or higher, or equivalent. 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 Hour(s): 3.0

Intermediate Modern Greek I. Prerequisite: GrkM 1002 with grade of C or higher, or equivalent. 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 Hour(s): 3.0

Intermediate Modern Greek II. Prerequisite: GrkM 2001with grade of C or higher, or equivalent. Continued development of listening, speaking, reading, and writing. Vocabulary expansion; further work with grammatical structures. Not open to native speakers of Greek.

GRMN GERMAN

GRMN 1001 ELEMENTARY GERMAN I

Credit Hour(s): 3.0

Elementary German I. 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 Hour(s): 3.0

Elementary German II. Prerequisite: Grmn 1001 with grade of C or higher, or equivalent. 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 Hour(s): 3.0

Intermediate German I. Prerequisite: Grmn 1002 with grade of C or higher, or equivalent. Continued development of listening, speaking, reading, and writing skills. Vocabulary expansion; further work with grammatical structures.

GRMN 2002 INTERMEDIATE GERMAN II

Credit Hour(s): 3.0

Intermediate German II. Prerequisite: Grmn 2001 with grade of C or higher, or equivalent. Continued development of listening, speaking, reading, and writing skills. Vocabulary expansion; further work with grammatical structures.

GRMN 3301 ADVANCED GERMAN I-CTW

Credit Hour(s): 3.0

Advanced German I-CTW. Prerequisite: Grmn 2002 with grade of C or higher, or equivalent. 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

Credit Hour(s): 3.0

Advanced German II. Prerequisite: Grmn 3301 with grade of C or higher. 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.

GRMN 3311 INTRO READING GERMAN LIT

Credit Hour(s): 3.0

Introduction to Reading German Literature. Prerequisite: Grmn 2002 with grade of C or higher. A bridge course designed to help students acquire the reading skills required to comprehend and analyze increasingly complex literary texts.

GRMN 3313 INTRO GERMAN CULTURAL STUDIES

Credit Hour(s): 3.0

Introduction to German Cultural Studies. Prerequisite: Grmn 3311 with a grade of C or higher. A bridge course designed to help students acquire the interpretive skills required to comprehend and analyze increasingly complex cultural texts.

GRMN 3395 STUDY ABROAD

Credit Hour(s): 3.0

Study Abroad. German language and culture in a native environment. Designed specifically for students participating in the University System of Georgia Study Abroad Programs.

GRMN 3396 STUDY ABROAD

Credit Hour(s): 3.0

Study Abroad. German language and culture in a native environment. Designed specifically for students participating in the University System of Georgia Study Abroad Programs.

GRMN 3397 STUDY ABROAD

Credit Hour(s): 3.0

Study Abroad. German language and culture in a native environment. Designed specifically for students participating in the University System of Georgia Study Abroad Programs.

GRMN 3690 HONORS READINGS

Credit Hour(s): 1.0 TO 3.0

Honors Readings. Prerequisite: consent of the instructor and Honors Program director. Discussion and reading on selected topics.

GRMN 4401 HISTORY OF THE GERMAN LANGUAGE

Credit Hour(s): 3.0

History of the German Language. Prerequisite: Grmn 3302 with grade of C or higher. An introduction to basic linguistics and the historical development of German.

GRMN 4402 ADV GRAM: MORPH & SYNTAX-CTW

Credit Hour(s): 3.0

Advanced Grammar: Morphology and Syntax-CTW. Prerequisite: Grmn 3302 with grade of C or higher. 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 LIT

Credit Hour(s): 3.0

Survey of German Literature. Prerequisite: Grmn 3311 or Grmn 3313 with grade of C or higher. A careful reading of selected texts representative of major writers and movements in German literature.

GRMN 4413 INTRODUCTION TO GERMAN FILM

Credit Hour(s): 3.0

Introduction to German Film. Prerequisite: Grmn 3313 with grade of C or higher. A careful reading of selected films representative of major directors and movements in German cinema.

GRMN 4414 TOPICS IN GERMAN LIT

Credit Hour(s): 3.0

Topics in German Literature. Prerequisite: Grmn 4411 or Grmn 4413 with grade of C or higher. 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 INTRO TO GER CIVILIZATION

Credit Hour(s): 3.0

Introduction to German Civilization. Prerequisite: Grmn 3302 or Grmn 3313 with grade of C or higher. Social, philosophical, artistic, and literary movements and the individuals who have contributed to the formation of present-day Germany; further development of conversational skills.

GRMN 4422 CONTEMPORARY GERMANY

Credit Hour(s): 3.0

Contemporary Germany. Prerequisite: Grmn 3302 or Grmn 3313 with grade of C or higher. Social, political, and economic issues as reflected in current German texts.

GRMN 4431 GERMAN FOR INTL BUSNSS I

Credit Hour(s): 3.0

German for International Business I. Prerequisite: Grmn 3302 or Grmn 3313 with grade of C or higher. Business vocabulary and correspondence. Protocol of business environment. Reading and analysis of commercial texts.

GRMN 4432 GERMAN FOR INTL BUSNSS II

Credit Hour(s): 3.0

German for International Business II. Prerequisite: Grmn 4431 with grade of C or higher. Readings in the foreign language of current materials related to business and trade structures, issues, and procedures.

GRMN 4435 TECHNIQUES OF TRANSLATION

Credit Hour(s): 3.0

Techniques of Translation. Prerequisite: Grmn 3302 with a grade of C or higher or equivalent, or consent of instructor. 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 Hour(s): 3.0

Practicum in German. Prerequisite: consent of instructor. Directed work in special project; field experience; internships.

GRMN 4870 HONORS THESIS: RESEARCH

Credit Hour(s): 3.0

Honors Thesis: Research. Prerequisites: consent of the instructor and Honors Program director. Readings or research preparatory to honors thesis or project.

GRMN 4880 HONORS THESIS: WRITING

Credit Hour(s): 3.0 TO 6.0

Honors Thesis: Writing. Prerequisites: Grmn 4870, and consent of the instructor and Honors Program director. Writing or production of honors thesis or project.

GRMN 4995 DIRECTED READINGS B.I.S.-CTW

Credit Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

GSU NEW STUDENT ORIENTATION

GSU 0099 VIRTUAL INTERACTIVE PEERS

Credit Hour(s): 0.0

The Virtual Interactive Peer (V.I.P.) course is a non-credit integrated first-year experience. Through academically-based, online interactions with an upperclassman, new students will be supported and engaged via one-on-one connections.

GSU 1010 NEW STUDENT ORIENTATION

Credit Hour(s): 1.0 TO 3.0

New Student Orientation. 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.

HA HEALTH ADMINISTRATION

HA 3900 INTRO HEALTH CARE SYSTEM

Credit Hour(s): 3.0

Introduction to the U.S. Health Care System. Prequisite: none. Requires a 2.5 GSU GPA and 45 semester hours. This course introduces and describes the health care system in the United States. Students learn how the system developed, 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 US

Credit Hour(s): 3.0

Health Policy in the United States: An Introduction. Prerequisite: none. Requires a 2.5 GSU GPA and 45 semester hours. 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 INFO SYSTEMS

Credit Hour(s): 3.0

Health Information Systems. Prerequisites: None. Requires a 2.5 GSU GPA and 45 semester hours. CSP: None. 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 HA

Credit Hour(s): 1.0 TO 3.0

Directed Readings in Health Administration. Prerequisite: consent of instructor.

HADM HOSPITALITY ADMINISTRATION

HADM 3010 PERSPEC HOSPITALITY INDUS

Credit Hour(s): 3.0

Perspectives in the Hospitality Industry. Prerequisite: None. CSP: 1, 6. Requires a 2.5 GSU GPA. and 45 semester hours. 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 Hour(s): 3.0

Hotel Management. Prerequisite: None. CSP: 1, 6. Requires a 2.5 GSU GPA and 45 semester hours. 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 & TRADESHOW MGT

Credit Hour(s): 3.0

Meeting and Trade Show Management. Prerequisite: None. CSP: 1, 6. Requires a 2.5 GSU GPA and 45 semester hours. 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 FOOD PROD & SERVICE MGT

Credit Hour(s): 2.0

Principles of Food Production. (HAdm 3401 and HAdm 3402 replace HAdm 3400.) Prerequisite: None. CSP: 1, 2, 6. Requires a 2.5 GSU GPA and 45 semester hours. Students must concurrently enroll in HAdm 3402, Food Pro- duction Lab. This is the lecture component of the intro- ductory 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 Hour(s): 1.0

Food Production Lab. (HAdm 3401 and HAdm 3402 replace HAdm 3400.) Co-requisite: HAdm 3401. Requires a 2.5 GSU GPA and 45 semester hours. 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. Lab fee $50.

HADM 3420 RESTAURANT/FOODSERV MGT

Credit Hour(s): 3.0

Restaurant and Food Service Management. Prerequisite: None. CSP: 1, 2, 6. Requires a 2.5 GSU GPA and 45 semester hours. 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 Hour(s): 3.0

Private Club Management. Prerequisite: None. CSP: 1, 2, 6. Requires a 2.5 GSU GPA and 45 semester hours. 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 Hour(s): 3.0

Beverage Management. Prerequisite: Students must be 21 years of age. Authorization of age is provided prior to registration. Requires a 2.5 GSU GPA and 45 semester hours. CPS: 1,2,6. 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.

HADM 3600 EXPOS,FAIRS ENTERTNMT MGT

Credit Hour(s): 3.0

Expos, Fairs, and Entertainment Management. Prerequisite: None. CSP: 1, 6. Requires a 2.5 GSU GPA and 45 semester hours. This course is a survey course in expositions, fairs and entertainment management which provides students with a broad overview of the basic structure of expositions, fairs, and entertainment organizations. Subject matter includes expositions, fairs and entertainment purposes; types of facilities; management; organization; current industry trends/issues; and employment opportunities with special emphasis given to overall event management.

HADM 3720 HOSPITALITY LAW

Credit Hour(s): 3.0

Hospitality Law. Prerequisites: None. CPS: 1, 6. Requires a 2.5 GSU GPA and 45 semester hours. 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 RES MGT

Credit Hour(s): 3.0

Hospitality Human Resources Management. Prerequisite: None. CSP: 1, 6. Requires a 2.5 GSU GPA and 45 semester hours. 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 MKTG

Credit Hour(s): 3.0

Hospitality Service Marketing. Prerequisite: Mk 3010 or consent of instructor. Bcom 3950. CSP: 1, 2, 6. Requires a 2.5 GSU GPA and 45 semester hours. 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

Credit Hour(s): 3.0

Hospitality Quality Management. Prerequisite: None. Requires a 2.5 GSU GPA and 45 semester hours. 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 COST CONT&HOSP FIN ANALYSIS

Credit Hour(s): 3.0

Cost Controls and Hospitality Financial Analysis. Prerequisite: Fi 3300, HAdm 3401 and HAdm 3402 or consent of instructor. CSP: 1, 2, 6. Requires a 2.5 GSU GPA and 45 semester hours. 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 MANAGEMENT

Credit Hour(s): 3.0

Venue and Facility Management. Prerequisite: None CSP: 1,2,6. Requires a 2.5 GSU GPA and 45 semester hours. 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 Hour(s): 3.0

Aviation Management. Prerequisite: None. CSP: 1,2,6. Requires a 2.5 GSU GPA and 45 semester hours. 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 DIR READ IN HOSP ADMIN

Credit Hour(s): 1.0 TO 3.0

Directed Readings in Hospitality Administration. Prerequisite: Consent of instructor.

HADM 4400 AIRLINE MANAGEMENT

Credit Hour(s): 3.0

Airline Management and Marking. Prerequisite: None. Corequisite: Hadm 4300. CSP: 1,2,6. Requires a 2.5 GSU GPA and 45 semester hours. 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 MANAGEMENT

Credit Hour(s): 3.0

Airport Operations and Management. Prerequisite: None Corequisite: Hadm 4300. CSP: 1.2.6. Requires a 2.5 GSU GPA and 45 semester hours. 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 STUDY ABROAD

Credit Hour(s): 3.0

Hospitality in European Economies. Prerequisites: None. Requires a 2.5 GSU GPA and 45 semester hours. CSP: Word, PowerPoint. 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 STRATEGIC HADM MGT SEM-CTW

Credit Hour(s): 3.0

Strategic Hospitality Management Seminar. Prerequisite: completion of 12 semester hours in required HAdm courses and all junior business core courses. Requires a 2.5 GSU GPA and 45 semester hours. CTW: The course satisfies critical thinking through writing requirements. This course involves the integration and application of interdisciplinary management concepts, theories, and practices to hospitality enterprises. The course integrates academic and practical experiences in the analysis of current economic, political, and social issues impacting the formulation, implementation, and sustainment of strategic business plans in the hospitality industry. Analysis of the environments, opportunities and strategies peculiar to managing the strategy function in the hospitality industry will be covered.

HADM 4900 WORK STUDY IN HOSPITALITY

Credit Hour(s): 0.0

Work Study in Hospitality. Prerequisite: none. Requires a 2.5 GSU GPA and 45 semester hours. 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 HOSP MGT PRACTICUM

Credit Hour(s): 1.0 TO 3.0

Hospitality Management Practicum. Prerequisite: Approval of school director. Requires a 2.5 GSU GPA and 45 semester hours. 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.

HBRB HEBREW - BIBLICAL

HBRB 1001 ELEMENTARY BIBLICAL HEBREW I

Credit Hour(s): 3.0

Elementary Biblical Hebrew I. 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 Hour(s): 3.0

Elementary Biblical Hebrew II. Prerequisite: Hbrb 1001 with grade of C or higher, or equivalent. 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 Hour(s): 3.0

Intermediate Biblical Hebrew I. Prerequisite: Hbrb 1002 with grade of C or higher, or consent of instructor. Continued exploration of more complex texts, including the Old Testament and Mishnah; further development of grammatical structures.

HBRB 2002 INTERMED BIBLICAL HEBREW II

Credit Hour(s): 3.0

Intermediate Biblical Hebrew II. Prerequisite: Hbrb 2001 with grade of C or higher, or consent of instructor. Continued exploration of more complex texts, including the Old Testament and Mishnah; further development of grammatical structures.

HBRB 3100 TEXTS IN BIBLICAL HEBREW

Credit Hour(s): 3.0

Texts in Biblical Hebrew. Prerequisites: Hbrb 1001 and Hbrb 1002 with grades of C or higher, or demonstrate equivalent proficiency. This course will allow students to apply their knowledge gained in Hbrb 1001 and 1002.

HBRM HEBREW - MODERN

HBRM 1001 ELEMENTARY MODERN HEBREW I

Credit Hour(s): 3.0

Elementary Modern Hebrew I. 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 Hour(s): 3.0

Elementary Modern Hebrew II. Prerequisite: HbrM 1101 with grade of C or higher, or equivalent. 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 Hour(s): 3.0

Intermediate Modern Hebrew I. Prerequisite: HbrM 1102 with grade of C or higher, or equivalent. 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 Hour(s): 3.0

Intermediate Modern Hebrew II. Prerequisite: HbrM 2001 with grade of C or higher, or equivalent. 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 3081 MODERN ISRAELI FILM & FICTION

Credit Hour(s): 3.0

Modern Israeli Film and Fiction. An introduction through film and fiction to the historical and social processes that shaped the emergence and development of Israeli culture since the foundation of the state in 1948 until the present. Taught in English. No knowledge of Hebrew required.

HBRM 4890 INDEPENDENT STUDY

Credit Hour(s): 1.0 TO 4.0

Independent Study in Modern Hebrew. Prerequisite: Consent of instructor. Advanced reading course in Modern Hebrew tailored to subject interests of students.

HBRM 4999 DIRECTED READINGS MOD HEBREW

Credit Hour(s): 1.0 TO 4.0

Directed Readings in Modern Hebrew. Prerequisite: Hbrm 2002 with grade of B or higher, permission of instructor. Advanced reading course tailored to subject interests of students.

HHS HEALTH AND HUMAN SCIENCES

HHS 2010 MED TERMINOLOGY FOR HEALTHCARE

Credit Hour(s): 3.0

Medical Terminology for Healthcare. 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.

HHS 2500 SOPH CON HEALTH PROFESSIONS

Credit Hour(s): 2.0

Sophomore Connections for Careers in Health Professions This course is designed for sophomore students who have an interest in a health career but are still undecided about which major is best. Topics will include an introduction to various health professions, steps needed to enter a health career program, requirements for degree completion, opportunities and demand for health care professionals, and academic advisement for success. Open to all university students, not just sophomores.

HHS 3000 COMMUNICATION/CULT DIVERS

Credit Hour(s): 3.0

Communication/Cultural Diversity. 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.

HHS 3010 ADVANCED MEDICAL TERMINOLOGY

Credit Hour(s): 3.0

Advanced Medical Terminology Prerequisite: HHS 2010. 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.

HHS 3400 SPANISH FOR HLTH & HUM SCI

Credit Hour(s): 3.0

Spanish for Health and Human Sciences. Prerequisite: Consent of instructor. 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.

HHS 3500 RESEARCH METHODS

Credit Hour(s): 3.0

Research Methods: Concepts and Techniques. This course is designed to provide students with an introduction and overview to the major research concepts and techniques as applied to the health and human science professions. Emphasis will be placed on those areas of research design

and statistics that will enable students to become critical consumers of the professional literature.

HHS 3660 COMP & ALTERNATIVE THERAPIES

Credit Hour(s): 3.0

Complementary and Alternative Therapies. This course provides students with information about Complementary and Alternative Therapies (CAT) including the 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.

HHS 3700 MED BIOCHEM PRINCIPLES

Credit Hour(s): 3.0

Medical-Biochemical Principles. Prerequisite: organic chemistry or permission of the instructor. 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.

HHS 3810 INTERPRETATION LAB VALUES

Credit Hour(s): 3.0

Interpretation of Clinical Laboratory Values for Health Professionals Prerequisites: Inorganic chemistry with lab, organic chemistry with lab, AND EITHER human physiology OR biochemistry. 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 HHS 7810.

HHS 3900 EKG INTERPRETATION

Credit Hour(s): 3.0

EKG Interpretation Prerequisites: HHS 2010 preferred 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.

HHS 4010 LDRSHP & ETHICS IN HEALTHCARE

Credit Hour(s): 3.0

Leadership and Ethics in Healthcare 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.

HHS 4130 TAI CHI: THERAPEUTIC EXERCISE

Credit Hour(s): 3.0

Tai Chi-A Therapeutic Exercise 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.

HHS 4200 HEALTH & THE OLDER ADULT

Credit Hour(s): 3.0

Health and the Older Adult. 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.

HHS 4270 SUBSTANCE ABUSE

Credit Hour(s): 3.0

Substance Abuse. This course will provide students with an overview of the various classes of psychotropic drugs. Students will learn drugs affect mood and behavior, how drugs affect major organ systems in the body, and how genetic and social factors may predispose an individual to drug use.

HHS 4300 HUM SEXUALITY HLTH CARE PROFNL

Credit Hour(s): 3.0

Human Sexuality for Health Care Professionals. This course focuses on the many dimensions that shape the sexuality of both health care providers and their clients/ patients. It is based on the assumption that we are all sexual beings and that sexuality should be viewed in its totality--with biological, spiritual, psychological, and social/cultural dimensions included.

HHS 4400 GENETICS ACROSS LIFESPAN

Credit Hour(s): 3.0

Genetics Across the Lifespan. This course focuses on the application of principles of genetics across the lifespan through multidisciplinary perspectives. Topics include the basic mechanisms of genetic inheritance, the genetic contribution to common and complex disorders, and the impact of genetics on health promotion, disease prevention and health care professionals responsibilities. Students will critically examine the social, ethical, legal, cultural,

political and professional implication of the integration of genetics into health care.

HHS 4500 HEALTH COMMUNICATION

Credit Hour(s): 3.0

Health Communication 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.

HIST HISTORY

HIST 1111 SURVEY OF WORLD HIST TO 1500

Credit Hour(s): 3.0

Survey of World History to 1500. A survey of world history to early modern times.

HIST 1112 SUR OF WORLD HIST SINCE 1500

Credit Hour(s): 3.0

Survey of World History since 1500. A survey of world history from early modern times to the present.

HIST 1140 INTRO AFR & AFR-AMER HISTORY

Credit Hour(s): 3.0

Introduction to African and African-American History. (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 U.S. HISTORY

Credit Hour(s): 3.0

Survey of United States History. A thematic survey of U.S. history to the present.

HIST 3000 INTRO TO HIST STUDIES-CTW

Credit Hour(s): 4.0

Introduction to Historical Studies-CTW. (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 Hour(s): 4.0

North America before 1800. 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 U.S. IN THE 19TH CENTURY

Credit Hour(s): 4.0

United States in the Nineteenth Century. 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 U.S. IN THE 20TH CENTURY

Credit Hour(s): 4.0

United States in the Twentieth Century. Major developments in the United States from 1900 to the present.

HIST 3230 AMERICAN ENVIRONMENTAL HISTORY

Credit Hour(s): 4.0

American Environmental History. 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 3500 THE ANCIENT MEDITERRANEAN

Credit Hour(s): 4.0

The Ancient Mediterranean. (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 3510 MEDIEVAL MEDITERRANEAN/ISLAM

Credit Hour(s): 4.0

Medieval Mediterranean/Islamic World. 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 TO 1800

Credit Hour(s): 4.0

North Africa and the World to 1800. 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 Hour(s): 4.0

Early Modern Europe, 1500-1789. 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 3530 EUROPE SINCE 1789

Credit Hour(s): 4.0

Europe Since 1789. 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 3600 THE CARIBBEAN WORLD

Credit Hour(s): 4.0

The Caribbean World. This undergraduate course introduces students to conceptual, comparative, and integrative issues of Caribbean History by exploring the colonial period, the eras of revolution and abolition in the nineteenth century, and nationalist movements 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 3610 PACIFIC WORLD

Credit Hour(s): 4.0

Pacific World. 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 3620 ATLANTIC WORLD

Credit Hour(s): 4.0

The Atlantic World: Encounters, Empires, Diasporas, Revolutions. 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 3630 THE UNITED STATES & THE WORLD

Credit Hour(s): 4.0

The United States and the World. 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.

HIST 3640 PIRACY FROM ANCIENT TO MODERN

Credit Hour(s): 4.0

Piracy from Ancient to Modern Times. 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 3660 20TH CENTURY WORLD HISTORY

Credit Hour(s): 4.0

20th Century World History. 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.

HIST 3665 HISTORY OF IDEAS ABOUT RACE

Credit Hour(s): 4.0

History of Ideas about Race. 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.

HIST 3670 TEACHING WORLD HISTORY

Credit Hour(s): 4.0

Teaching World History. 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.

HIST 3680 MODERN JEWISH HISTORY

Credit Hour(s): 4.0

Modern Jewish History. Explores the history of global Jewry during the modern period, from the Iberian expulsion until the late twentieth century. Examines how Jews have defined themselves socially and politically in a number of historical and geographical settings, as well as how Jewish cultural and religious practices have been shaped and transformed over time.

HIST 3700 CHINA AND JAPAN TO 1600

Credit Hour(s): 4.0

China and Japan to 1600. Origins and development of two ancient civilizations, with emphasis upon traditional thought, cultures, institutions, and change.

HIST 3710 CHINA AND JAPAN SINCE 1600

Credit Hour(s): 4.0

China and Japan since 1600. East Asia in modern transformation from 1600 to the present, emphasizing pre-nineteenth century prosperity, nineteenth-century crises, and twentieth-century change.

HIST 3720 COLONIAL LATIN AMERICA

Credit Hour(s): 4.0

Colonial Latin America. 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 Hour(s): 4.0

Latin America since 1810. Political, economic, and social developments of the major countries, such as Mexico, Argentina, Brazil, and Chile.

HIST 3780 THE MIDDLE EAST, 600 TO 1800

Credit Hour(s): 4.0

Middle East 600-1800. (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 Hour(s): 4.0

The Middle East since 1800. (Same as MES 4120.) Political, cultural, social, and economic developments from Morocco to Iran, including imperialism, nationalism, independence, and religious revival.

HIST 3795 THE OTTOMAN EMPIRE, 1300-1922

Credit Hour(s): 4.0

The Rise and Fall of the Ottoman Empire, 1300-1922. 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 Hour(s): 4.0

South Asia to 1757. Political, cultural, social, and economic developments in the Indian subcontinent from prehistoric times to the era of British hegemony.

HIST 3810 SOUTH ASIA SINCE 1757

Credit Hour(s): 4.0

South Asia since 1757. Political, cultural, social, and economic developments; special attention to British imperialism, nationalism, Hindu-Muslim relations, independence and partition, and post-independence.

HIST 3900 HUMAN RIGHTS IN HIST PERS

Credit Hour(s): 4.0

Human Rights in Historical Perspective. 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 4200 U.S. CULTURAL HISTORY

Credit Hour(s): 4.0

United States Cultural History. Ways of life and patterns of thought among diverse groups as evidenced in imaginative literature, published discourse, and the performing and visual arts.

HIST 4215 SPACE & PLACE IN AMERICAN HIST

Credit Hour(s): 4.0

Space and Place in American History. 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 Hour(s): 4.0

The American City. 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 IMMIGRATION IN US HISTORY

Credit Hour(s): 4.0

Immigration and Ethnicity in U. S. History. 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 US

Credit Hour(s): 4.0

Foreign Relations of the United States. 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 & WORKING CLASS

Credit Hour(s): 4.0

American Labor and Working Class. Includes an examination of working class culture, labor and politics, trade union leadership, government and philosophy, and contemporary labor problems.

HIST 4245 UNITED STATES IN THE 1960S

Credit Hour(s): 4.0

The United States in the 1960s. 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 Hour(s): 4.0

Women in America. (Same as WSt 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 &RECONSTRUCTION

Credit Hour(s): 4.0

U.S. Civil War and Reconstruction. 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 Hour(s): 4.0

African-American Women. (Same as AAS 4660 and WSt 4450.) 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 AFRICAN-AMERICAN PEOPLE

Credit Hour(s): 4.0

African-American People. (Same as AAS 4640.) Major topics and themes in African-American history, including slavery, development of American racism, urbanization, civil rights, and black contributions to American culture.

HIST 4280 ENSLAVEMENT/RESIST:NORTH AMER

Credit Hour(s): 3.0

Enslavement and Resistance in North America. (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 Hour(s): 3.0

Enslavement in the Americas. (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 Hour(s): 4.0

The American South. 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 Hour(s): 4.0

Georgia. 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 Hour(s): 3.0

Metropolitan Atlanta. (Same as Geog 4768 and Soci 4279.) Interdisciplinary perspective focusing on social, historical, and geographic processes which have shaped the Atlanta region.

HIST 4325 PUBLIC HISTORY & HIST PRESERV

Credit Hour(s): 3.0 TO 4.0

Introduction to Public History and Historic Preservation. 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 Hour(s): 4.0

Oral History. Comprehensive introduction to oral history, its evolution, methodological and theoretical concerns, interviewing techniques, and applications.

HIST 4340 ADMN/USE OF HISTOR ARCHIVES

Credit Hour(s): 3.0

Administration and Use of Historical Archives. 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 INTERNATION PRESERV

Credit Hour(s): 4.0

Case Study in International Preservation. 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 Hour(s): 4.0

Film and History. (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 HISTORY OF THE AMERICAN WEST

Credit Hour(s): 4.0

The History of the American West. 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 Hour(s): 4.0

American Jewish History. 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 4460 BILLS OF RIGHTS

Credit Hour(s): 4.0

Bills of Rights. 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 LEGAL & CONSTITUTIONAL HISTORY

Credit Hour(s): 4.0

United States Legal and Constitutional History. History of United States law from its English origins through modern times. Examines the colonial reception of English law, the genesis of a written constitution, the impact of slavery on the American legal system, and the development of both public and private law during periods of rapid economic, social, and cultural change.

HIST 4480 SPEC TOPIC HISTORY/NORTHUMBRIA

Credit Hour(s): 3.0 TO 4.0

Special Topics in History, Northumbria. 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 Hour(s): 3.0 TO 4.0

Topics in American History. Advanced studies in American history; topics vary according to instructor. May be repeated if topic differs.

HIST 4510 ANCIENT NEAR EASTERN SOCIETIES

Credit Hour(s): 4.0

Origins and Collapse Ancient Near Eastern Societies. (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, & ROME

Credit Hour(s): 4.0

Ancient Persia, Greece, and Rome. (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 REL & SOC IN EARLY MOD EUROPE

Credit Hour(s): 4.0

Religion and Society in Early Modern Europe. 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, EARLY MOD EUROPE

Credit Hour(s): 4.0

Crime, Law and Society in Early Modern Europe. 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 BRIT, IRE & BRIT ATL 1485-1689

Credit Hour(s): 4.0

Britain, Ireland, and the British Atlantic, 1485-1689. 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 BRIT, IRE, & EMPIRE SINCE 1689

Credit Hour(s): 4.0

Britain, Ireland, and the British Empire since 1689. 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 Hour(s): 4.0

France since 1715. The crisis of the old regime; revolution, restoration, and the search for a republican order; class, gender, and bourgeois society; nationalism, imperialism, fascism, and the world wars; decolonization; European economic integration, new social movements, and immigration.

HIST 4575 GERMAN HISTORY TO 1900

Credit Hour(s): 4.0

German History to 1900. 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 Hour(s): 4.0

German History since 1900. 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 Hour(s): 4.0

Russia to 1861. 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 RUS & SOV UNION SINCE 1861

Credit Hour(s): 4.0

Russia and the Soviet Union Since 1861. 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 Hour(s): 4.0

Modern Eastern Europe. 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 HIST OF SCIENCE & TECHNOLOGY

Credit Hour(s): 4.0

History of Science and Technology. 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 Hour(s): 4.0

Europe: Culture and Ideas. Selected themes in European cultural and intellectual history; themes vary according to instructor.

HIST 4630 EUR HIST I: MEDIEVAL TO MARX

Credit Hour(s): 4.0

European Intellectual History I: From Medieval to Marx. 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 EUR HIST II: MARX TO POSTMOD

Credit Hour(s): 4.0

European Intellectual History II: From Marx to Postmodernism. 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 Hour(s): 3.0

The Holocaust. (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 & SEXUALITY EURO HIST

Credit Hour(s): 4.0

Gender and Sexuality in European History. (Same as WSt 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 Hour(s): 3.0 TO 4.0

Topics in European History. Advanced studies in European history; topics vary according to instructor. May be repeated if the topic differs.

HIST 4740 LATIN AMERICAN REVOLUTIONS

Credit Hour(s): 4.0

Latin American Revolutions. Socio-political and economic revolutions in Latin America with comparisons to other twentieth-century revolutions.

HIST 4745 MODERN CUBA

Credit Hour(s): 4.0

Modern Cuba: History, Politics and Society. 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 EAST AFRICA & HORN OF AFRICA

Credit Hour(s): 4.0

Eastern Africa and the Horn of Africa. (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 & SOUTHERN AFRICA

Credit Hour(s): 4.0

Central and Southern Africa. (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 Hour(s): 4.0

Western Africa. (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 Hour(s): 3.0

Women in Africa. (Same as AAS 4772 and WSt 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 Hour(s): 3.0

African Rebellions. (Same as AAS 4774.) An examination of African resistance in the colonial and post-colonial contexts.

HIST 4776 AFRICA AND HOLLYWOOD

Credit Hour(s): 4.0

Africa and Hollywood: Myth, Romance, and Savage Imagery. This course explores the image of Africa projected into American mass culture through the vehicle of commercial films produced about Africa.

HIST 4805 MIDDLE EAST AND THE AMERICAS

Credit Hour(s): 4.0

The Middle East and the Americas. 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 & MODERN MIDDLE EAST

Credit Hour(s): 4.0

Palestine and Modern Middle East. 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

Credit Hour(s): 4.0

Cross-Cultural Encounters in World History. 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 GLOBAL URBANIZATION

Credit Hour(s): 4.0

History of Global Urbanization. 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 Hour(s): 4.0

The Body Politic. 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 Hour(s): 4.0

Approaches to World History. 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 THE GLOBAL LEFT

Credit Hour(s): 4.0

The Global Left: Socialism, Feminism, Anticolonialism. Exploration of the global experience of the Left since the nineteenth century; emergence and interrelations of socialism, feminism, anticolonialism, and other popular movements; the Left in opposition and in power; cultures; identities, and traditions of the Left; legacies and prospects of antisystemic movements.

HIST 4860 EMPIRES

Credit Hour(s): 4.0

Empires. 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 Hour(s): 3.0 TO 4.0

Honors Thesis: Research. Prerequisites: consent of the instructor and Honors Program director. Readings or research preparatory to honors thesis or project.

HIST 4880 HONORS THESIS: WRITING

Credit Hour(s): 3.0 TO 4.0

Honors Thesis: Writing. Prerequisites: Hist 4870, consent of the instructor and Honors Program director. Writing or production of honors thesis or project.

HIST 4890 TOPICS IN WORLD HISTORY

Credit Hour(s): 3.0 TO 4.0

Topics in World History. 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 4900 WAR IN EUR & AMER SINCE 1500

Credit Hour(s): 4.0

War in Europe and America since 1500. Warfare and military institutions as they relate to social, economic, political, and technological developments.

HIST 4960 BRITISH AMERICAN CULTURE SEM I

Credit Hour(s): 3.0 TO 4.0

British American Culture Seminar I. Prerequisite: British and American Cultures Program concentration, or permission of English or History program advisor. (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 AMERIC CULTURE SEM II

Credit Hour(s): 3.0 TO 4.0

British American Cultural Seminar II. Prerequisite: British and American Cultures Program concentration, or permission of English or History program advisor. (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 Hour(s): 4.0

Independent Study. Prerequisites: Hist 3000 with grade of C or higher and at least five upper-division history courses. 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. Satisfactory completion of the course entitles the student to graduate "with distinction in history."

HIST 4980 INTERNSHIP

Credit Hour(s): 1.0 TO 4.0

Internship. Prerequisite: consent of department. Through a prescribed field experience, students are given the opportunity to apply knowledge, theory, and understanding gained from courses.

HIST 4990 HISTORICAL RESEARCH-CTW

Credit Hour(s): 4.0

Historical Research-CTW. 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. 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.

HIST 4995 DIRECTRED READINGS B.I.S.-CTW

Credit Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. 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 Hour(s): 1.0

Honors Freshman Seminar. Prerequisite: Admission to Honors Program. Intensive investigation of a special topic related to instructor's area of expertise.

HON 2260 HONORS COLLOQUIUM

Credit Hour(s): 1.0 TO 3.0

Honors Colloquium. Prerequisite: consent of the Honors Program director. 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 Hour(s): 1.0 TO 3.0

Honors Colloquium. Prerequisite: consent of the Honors Program director. 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 Hour(s): 1.0 TO 3.0

Honors Forum. Prerequisite: consent of Honors Program director. 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 HON: MULTICULTURAL DIVERSITY

Credit Hour(s): 1.0 TO 6.0

Honors Studies in Multicultural Diversity. Prerequisite: consent of Honors Program director. On-site study of intellectual and cultural products of various societies. May be repeated as readings vary.

HON 4870 HONORS THESIS: RESEARCH

Credit Hour(s): 1.0 TO 6.0

Honors Thesis: Research. Prerequisites: consent of instructor and the Honors Program director. Readings or research preparatory to honors thesis or project.

HON 4880 HONORS THESIS: WRITING

Credit Hour(s): 1.0 TO 6.0

Honors Thesis: Writing. Prerequisites: Hon 4870, consent of instructor and Honors Program director. Writing or production of honors thesis or project.

IB INTERNATIONAL BUSINESS

IB 3090 INTERNATL BUS OPER

Credit Hour(s): 3.0

International Business Operations. Prerequisite: Busa 3000, Econ 2105, and Econ 2106. Requires a 2.5 GSU GPA and 45 semester hours. 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.

IB 4020 INTERNATL TRADE MGT

Credit Hour(s): 3.0

International Trade Management. Prerequisite: BUSA 3000. Requires a 2.5 GSU GPA and 45 semester hours. 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.

IB 4100 INT TO ENTREPRENEURSHIP

Credit Hour(s): 3.0

Introduction to International Entrepreneurship. Prerequisite: Busa 3000. CSP: 1, 3. 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 DIR READ IN INTERNATL BUS

Credit Hour(s): 1.0 TO 6.0

Directed Readings in International Business. Prerequisite: consent of instructor.

IB 4410 STUDY ABROAD:REG INTL BUS

Credit Hour(s): 3.0 TO 6.0

Study Abroad: Analysis of Regional International Business Practices. Prerequisite: IB 3090 or consent of instructor. Requires a 2.5 GSU GPA and 45 semester hours. 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.

IB 5000 MIB ORIENTATION

Credit Hour(s): 0.0

MIB Energizer Orientation. All MIB students must enroll in IB 5000 in their first semester of enrollment. 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.

ID INTERIOR DESIGN

ID 3000 ARCHITECTURAL DRAWING I

Credit Hour(s): 3.0

Architectural Drawing I: Drafting. Prerequisites: Art 1010, 1020, 1030, 1050, AH 2000 and AH 1700 or AH 1750 with grades of C or higher. Plan, elevation, section drawing including visualization, lettering, multiview paraline, and perspective projections are explored. Lab Fee: $75.00.

ID 3100 ARCHITECTURAL DRAWING II

Credit Hour(s): 3.0

Architectural Drawing II: Presentation. Prerequisite: ID 3000 with grade of C or higher, or consent of instructor. Pencil, ink, marker, and water media are investigated as techniques for interior delineation.

ID 3250 COMP-AIDED DRAFTING & DESIGN I

Credit Hour(s): 2.0

Computer-Aided Drafting and Design I. Prerequisites: ID 3000 and ID 3300 with grades of C or higher or consent of instructor An introduction to computer-aided drafting and designing of interior spaces. Lab Fee: $75.00.

ID 3300 INTERIOR DESIGN: THEORY

Credit Hour(s): 3.0

Interior Design: Theory. Prerequisites: Art 1010, 1020, 1030, 1050, AH 2000 and AH 1700 or AH 1750 with grades of C or higher. Study and exploration of principles of color and design of the interior environment. Lab Fee: $75.00.

ID 3350 INTERIOR DESIGN: MATERIALS

Credit Hour(s): 3.0

Interior Design: Materials. Prerequisite: ID 3300 with grade of C or higher. General overview and introduction to interior materials, their specific properties, and appropriate applications. Lab Fee: $75.00.

ID 3500 INTERIOR DESIGN:SPATIAL ORG

Credit Hour(s): 3.0

Interior Design: Spatial Organization. Prerequisite: ID 3300 with grade of C or higher. Organizing objects in space using architectural dimension and human factors. Lab Fee: $75.00.

ID 3600 BUILDING SYSTEMS & CODES

Credit Hour(s): 2.0

Building Systems and Codes. Prerequisites: ID 3000 and 3300 with grades of C or higher.Comprehensive introduction to the basic elements of building construction, environmental building systems, and design and construction regulations. Lab Fee: $75.00.

ID 3910 HISTORY OF INTERIOR DESIGN I

Credit Hour(s): 3.0

History of Interior Design I. Prerequisites: Art 1010, 1020, 1030, 1050, and AH 1700 or AH 1750 with grades of C or higher, or consent of instructor. Development of architecture, interiors, and the decorative arts.

ID 3920 HISTORY OF INTERIOR DESIGN II

Credit Hour(s): 3.0

History of Interior Design II. Prerequisite: ID 3910 or 4600 with grade of C or higher, or consent of instructor. Development of architecture, interiors, and the decorative arts.

ID 4000 INTERIOR DES: SELECTED TOPICS

Credit Hour(s): 3.0

Interior Design: Selected Topics. Prerequisites: ID 4210 and ID 4310 with grades of C or higher, or consent of instructor. Advanced studio problems for interior design majors. May be repeated for a maximum of six credit hours.

ID 4100 LIGHTING DESIGN

Credit Hour(s): 2.0

Lighting Design. Prerequisites: ID 3100, 3350, 3500, and 3600 with grades of C or higher. Comprehensive introduction to the application of effective lighting design to enhance and complement varied residential and non-residential interior design solutions. Lab Fee: $75.00.

ID 4200 RESIDENTIAL DESIGN I

Credit Hour(s): 3.0

Residential Design I. Prerequisites: ID 3100, 3350, 3500, and 3600 with grades of C or higher. Design of residential interiors considering varied lifestyles, housing types, socio-economic conditions, and life stages. Lab Fee: $75.00.

ID 4210 RESIDENTIAL DESIGN II

Credit Hour(s): 3.0

Residential Design II. Prerequisite: ID 4200 with grade of C or higher. Advanced studio problems in commercial interior design. Lab Fee: $75.00.

ID 4300 COMMERCIAL DESIGN I

Credit Hour(s): 3.0

Commercial Design I. Prerequisites: ID 3100, 3350, 3500, and 3600 with grades of C or higher. Program

development, functional analysis, and design of commercial environments. Lab Fee: $75.00.

ID 4310 COMMERCIAL DESIGN II

Credit Hour(s): 3.0

Commercial Design II. Prerequisite: ID 4300 with grade of C or higher. Advanced studio problems in commercial interior design. Lab Fee: $75.00.

ID 4350 COMP-AIDED DRAFT & DESIGN II

Credit Hour(s): 2.0

Computer-Aided Drafting and Design II. Prerequisite: 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. Lab Fee: $75.00.

ID 4400 ARCHITECTURAL DRAWING V

Credit Hour(s): 3.0

Architectural Drawing V: Working Drawings. Prerequisites: ID 4100, 4210, 4310, and 4350 with grades of C or higher, or consent of instructor. Drafting standards, including construction details and material specifications, required for contract documents. Lab Fee: $75.00.

ID 4500 DIRECTED STUDY

Credit Hour(s): 3.0

Directed Study. Prerequisites: ID 3100 and ID 3400 with grades of C or higher, or consent of instructor. Advanced investigations of varing architectural drawing methods, styles and technologies. May be repeated for a maximum of six credit hours.

ID 4800 PROFESSIONAL PRACTICE

Credit Hour(s): 2.0

Professional Practice for Interior Designers. Prerequisites: ID 4210 and 4310 with grades of C or higher. Legal, marketing, office and project management, ethics, and personnel issues in the professional practice.

ID 4930 INTERIOR DESIGN INTERNSHIP

Credit Hour(s): 3.0

Interior Design Internship. Prerequisites: ID 4210 and ID 4310 with grades of C or higher, and consent of the program director. Professional experiences in interior design or related fields. May be repeated for a maximum of six credit hours.

ID 4940 INTERIOR DESIGN PORTFOLIO I

Credit Hour(s): 2.0

Interior Design Portfolio I. Prerequisites: ID 4210 and 4310 with grades of C or higher. 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 DES PORTFOLIO II-CTW

Credit Hour(s): 3.0

Interior Design Portfolio II-CTW. Prerequisite: ID 4940 with grade of C or higher. 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 Hour(s): 3.0

Special Problems. Prerequisites: consent of instructor and of School director. Independent studies initiated by the student. May be repeated for a maximum of six credit hours.

IEP INTENSIVE ENGLISH PROGRAM

IEP 0300 TOEFL PREP

Credit Hour(s): 2.0

TOEFL PREP Test of English for as a Foreign Language Test Preparation. Corequisite: Level 3 or higher in the Intensive English Program (must be enrolled as a full-time or part-time IEP student). 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 0410 ORAL FLUENCY I

Credit Hour(s): 3.0

Oral Fluency I. Oral fluency for basic level non-native speakers of English; focus on vocabulary, grammar, and communicative activities.

IEP 0420 ORAL FLUENCY II

Credit Hour(s): 3.0

Oral Fluency II. Oral fluency for low-intermediate level non-native speakers of English; focus on vocabulary, grammar, and communicative abilities.

IEP 0510 EXTENSIVE READING I

Credit Hour(s): 3.0

Extensive Reading I. Extensive reading of academic and non-academic literature for basic level non-native speakers of English.

IEP 0520 EXTENSIVE READING II

Credit Hour(s): 3.0

Extensive Reading II. Extensive reading of academic and non-academic literature for low-intermediate level non-native speakers of English.

IEP 0530 EXTENSIVE READING III

Credit Hour(s): 3.0

Extensive Reading III. Extensive reading of academic and non-academic literature for intermediate level non-native speakers of English.

IEP 0540 EXTENSIVE READING IV

Credit Hour(s): 3.0

Extensive Reading IV. Extensive reading of academic and non-academic literature for high-intermediate level non-native speakers of English.

IEP 0550 EXTENSIVE READING V

Credit Hour(s): 3.0

Extensive Reading V. Extensive reading of academic and non-academic literature for advanced level nonnative speakers of English.

IEP 0610 STRUCTURE AND WRITING I

Credit Hour(s): 6.0

Introductory Structure and Writing I. English structure and writing for basic level non-native speakers of English.

IEP 0620 STRUCTURE AND WRITING II

Credit Hour(s): 6.0

Introductory Structure and Writing II. English structure and writing for low-intermediate level non-native speakers of English.

IEP 0630 STRUCTURE AND COMPOSITION III

Credit Hour(s): 6.0

Structure and Composition III. Applied English structure in extensive writing for intermediate level non-native speakers of English.

IEP 0640 STRUCTURE AND COMPOSITION IV

Credit Hour(s): 6.0

Structure and Composition IV. Applied English structure in extensive writing for high-intermediate level non-native speakers of English.

IEP 0650 STRUCTURE AND COMPOSITION V

Credit Hour(s): 6.0

Structure and Composition V. Applied English structure in extensive writing for for advanced level non-native speakers of English.

IEP 0710 ORAL COMM: ACAD PURPOSES I

Credit Hour(s): 3.0

Oral Communication for Academic Purposes I. Oral communication for basic level non-native speakers of English.

IEP 0720 ORAL COMM: ACAD PURPOSES II

Credit Hour(s): 3.0

Oral Communication for Academic Purposes II. Oral communication for low-intermediate level non-native speakers of English.

IEP 0730 ORAL COMM: ACAD PURPOSES III

Credit Hour(s): 3.0

Oral Communication for Academic Purposes III. Oral communication for intermediate level non-native speakers of English.

IEP 0740 ORAL COMM: ACAD PURPOSES IV

Credit Hour(s): 3.0

Oral Communication for Academic Purposes IV. Oral communication for high-intermediate level non-native speakers of English.

IEP 0750 ORAL COMM: ACAD PURPOSES V

Credit Hour(s): 3.0

Oral Communication for Academic Purposes V. Oral communication for advanced level non-native speakers of English with concentration on oral presentations, directed listening activities, and accurate and fluent pronunciation of the American sound system.

IEP 0810 READING SKILLS I

Credit Hour(s): 3.0

Reading Skills I. Reading skills for basic level nonnative speakers of English.

IEP 0820 READING SKILLS II

Credit Hour(s): 3.0

Reading Skills II. Reading skills for low-intermediate level nonnative speakers of English.

IEP 0830 READING/LISTENING: ACAD III

Credit Hour(s): 3.0

Reading and Listening for Academic Purposes III. Reading and listening skills for intermediate level non-native speakers of English.

IEP 0840 READING/LISTENING: ACAD IV

Credit Hour(s): 3.0

Reading and Listening for Academic Purposes IV. Reading and listening skills for high-intermediate level non-native speakers of English.

IEP 0850 READING/LISTENING: ACAD V

Credit Hour(s): 3.0

Reading and Listening for Academic Purposes V. Reading and listening skills for advanced level non-native speakers of English.

IEP 0930 WRITING FOR UNIV EXAMS III

Credit Hour(s): 3.0

Writing for University Exams III. Academic writing for intermediate level nonnative speakers of English.

IEP 0940 WRITING FOR UNIV EXAMS IV

Credit Hour(s): 3.0

Writing for University Exams IV. Academic writing for high-intermediate level nonnative speakers of English.

IEP 0950 WRITING FOR UNIV EXAMS V

Credit Hour(s): 3.0

Writing for University Exams V. Academic writing for advanced level nonnative speakers of English.

ISCI INTERGRATED SCIENCES

ISCI 2001 INTEGRATED SCI I: LIFE/EARTH

Credit Hour(s): 3.0

Integrated Science I: Life/Earth Sciences. 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: PHYSIC

Credit Hour(s): 3.0

Integrated Science II: The Physical Sciences. 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.

IT INSTRUCTIONAL TECHNOLOGY

IT 2010 COMPUTER SKILLS FOR INFORM AGE

Credit Hour(s): 3.0

Computer Skills for the Information Age. 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.

IT 2210 INTEGRATING TECHN ELEM CLASSRM

Credit Hour(s): 3.0

Integrating Technology Into the Elementary Classroom. 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.

IT 2550 GAMING&SIMULATION EXPLR LEARNG

Credit Hour(s): 3.0

Gaming and Simulation for Exploratory Learning. Prerequisiste: IT 2010 or equivalent. 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.

IT 3000 TECHNOLOGY, SOCIETY, EDUCATION

Credit Hour(s): 3.0

Technology, Society, and Education. Prerequisite: IT 2010 or equivalent. 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).

IT 3100 EDU TECH IN AFRICA/DIASPORA

Credit Hour(s): 3.0

Educational Technology in Africa and the Diaspora. 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.

IT 3210 TEACH, LEARN, & TECHN INTEGRAT

Credit Hour(s): 3.0

Teaching, Learning, and Technology Integration. 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.

IT 3500 TRAINING/PERFORMANCE TECHNOLOG

Credit Hour(s): 3.0

Training and Performance Technologies.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.

ITAL ITALIAN

ITAL 1001 ELEMENTARY ITALIAN I

Credit Hour(s): 3.0

Elementary Italian I. 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 Hour(s): 3.0

Elementary Italian II. Prerequisite: Ital 1001 with grade of C or higher, or equivalent. 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 Hour(s): 3.0

Intermediate Italian I. Prerequisite: Ital 1002 with grade of C or higher, or equivalent. Conversation, composition, expansion of the vocabulary, grammar review. The use of the Language Laboratory is strongly recommended.

ITAL 2002 INTERMEDIATE ITALIAN II

Credit Hour(s): 3.0

Intermediate Italian II. Prerequisite: Ital 2001 with grade of C or higher, or equivalent. 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 Hour(s): 3.0

Civilization. Prerequisite: Ital 2002 with grade of C or higher. Geographical and historical aspects of Italy. Discussions, reading, and writing on topics related to Italy's past and its present.

ITAL 3302 ADV COMPOSITION & CONVER

Credit Hour(s): 3.0

Advanced Composition and Conversation. Prerequisite: Ital 2002 with grade of C or higher. Grammar and its application in written and oral composition.

ITAL 3303 ITALIAN CULTURAL EXPRESSION

Credit Hour(s): 3.0

Understanding and Analyzing Italian Cultural Expression. Prerequisite: Ital 3301 or 3302 with grade of C or higher, or consent of instructor. 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.

ITAL 4033 ITALIAN FOR INTL BUSINESS I

Credit Hour(s): 3.0

Italian for International Business I. Prerequisites: Ital 3301 or 3302 and 3303 with grade of C or higher. Business vocabulary and correspondence. Protocol of Business environment. Reading and analysis of commercial texts.

ITAL 4043 ITALIAN FOR INTL BUSINESS II

Credit Hour(s): 3.0

Italian for International Business II. Prerequisite: Ital 4033 with grade of C or higher. Business vocabulary and correspondence. Protocol of Business environment. Reading and analysis of commercial texts.

ITAL 4414 TOPICS IN ITALIAN LITERATURE

Credit Hour(s): 3.0

Special Topics in Italian Literature. Prerequisites: Ital 3301, Ital 3302 and Ital 3303 with grades of C or higher, or consent of instructor. Study of particular authors, genres, schools or topics not covered in regular courses. May be repeated if topics vary.

ITAL 4995 DIRECTED READINGS B.I.S.-CTW

Credit Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. 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 JAPANESE

JAPN 1001 ELEMENTARY JAPANESE I

Credit Hour(s): 3.0

Elementary Japanese I. Elementary grammar, practice with simple conversational patterns, introduction to writing systems. Not open to native speakers of Japanese.

JAPN 1002 ELEMENTARY JAPANESE II

Credit Hour(s): 3.0

Elementary Japanese II. Prerequisite: Japn 1001 with grade of C or higher, or equivalent. Elementary grammar, practice with simple conversational patterns, introduction to writing systems. Not open to native speakers of Japanese.

JAPN 1101 INTENSIVE ELEM JAPANESE

Credit Hour(s): 6.0

Intensive Elementary Japanese. Intensive introduction to Japanese, with emphasis on communicative competence, equivalent to Japn 1001 and 1002. Not open to native speakers of Japanese.

JAPN 2001 INTERMEDIATE JAPANESE I

Credit Hour(s): 3.0

Intermediate Japanese I. Prerequisite: Japn 1002 or Japn 1101 with grade of C or higher, or equivalent. Intermediate grammar; practice in conversation, composition, and reading.

JAPN 2002 INTERMEDIATE JAPANESE II

Credit Hour(s): 3.0

Intermediate Japanese II. Prerequisite: Japn 2001 with grade of C or higher, or equivalent. Intermediate grammar; further practice in conversation, composition, and reading.

JAPN 2012 JAPN INT COMP CONV

Credit Hour(s): 3.0

Intermediate Composition and Conversation. Prerequisite: Japn 2002 with grade of C or higher, or equivalent. Continued practice of oral and compositional skills, with an emphasis on presentation of personal viewpoints.

JAPN 3001 ADVANCED JAPANESE I

Credit Hour(s): 3.0

Advanced Japanese I. Prerequisite: Japn 2002 with grade of C or higher, or equivalent. Continued practice in conversation, composition and reading; expansion of vocabulary; further mastery of grammatical structures.

JAPN 3002 ADVANCED JAPANESE II

Credit Hour(s): 3.0

Advanced Japanese II. Prerequisite: Japn 3001 with grade of C or higher, or equivalent. Practice in all receptive and productive language skills; further vocabulary expansion; grammar review.

JAPN 3010 LISTENING/PRONUNCIATION CLINIC

Credit Hour(s): 3.0

Listening and Pronunciation Clinic. Prerequisite: Japn 2002 with grade of C or higher. 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 Hour(s): 3.0

Advanced Japanese III. Prerequisite: Japn 3002 with grade of C or higher. Advanced grammar and word formation; conversation and writing practice.

JAPN 3012 ADVANCED JAPANESE IV

Credit Hour(s): 3.0

Advanced Japanese IV. Prerequisite: Japn 3011 with grade of C or higher. Advanced grammar and word formation; conversation and writing practice.

JAPN 3013 INTENSIVE GRAMMAR REVIEW

Credit Hour(s): 3.0

Intensive Grammar Review. Prerequisite: Japn 3002 with grade of C or higher. 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 LANG AND SOCIETY

Credit Hour(s): 3.0

Japanese Language and Society. Prerequisite: Japn 1002 with grade of C or higher. Grammar review with emphasis on the social origins of linguistic structures of Japanese.

JAPN 3082 READING AND WRITING IN JAPANES

Credit Hour(s): 3.0

Reading and Writing in Japanese I. Prerequisite: Japn 3001 with grade of C or higher, or consent of instructor. Three lectures and one supervised lab a week. Mastery of 250 Kanji and practice in Japanese word processing.

JAPN 3084 BUSINESS JAPANESE

Credit Hour(s): 3.0

Business Japanese. Prerequisite: Japn 3001 with grade of C or higher. This course will aim at enhancing a student's

ability to understand and apply the practical Japanese encountered in realistic business situations.

JAPN 4063 PRACTICUM IN JAPANESE

Credit Hour(s): 3.0

Practicum in Japanese. Prerequisite: Senior standing and consent of instructor. Directed work in special projects; field experience; internship.

JAPN 4995 DIRECTED READINGS B.I.S.-CTW

Credit Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. 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 JOURNALISM

JOUR 1000 INTRO TO MASS COMMUNICATION

Credit Hour(s): 3.0

Introduction to Mass Communication. Processes, uses, and effects of mass media in society. History, structure, and function of mass communication industries.

JOUR 1010 MEDIA WRITING

Credit Hour(s): 3.0

Media Writing. Prerequisites: Jour 1000 (or concurrently) and Engl 1102 or Engl 1103 with grades of C or higher. 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 COMM RESEARCH & INFO TECHNOLGY

Credit Hour(s): 3.0

Communication Research and Information Technology. Introduction to qualitative and quantitative research methods; introduction to the use of information technology to support the development of research proposals and the analysis and presentation of research results, emphasizing the use of library and on-line resources for communication research.

JOUR 3010 ADVANCED MEDIA WRITING-CTW

Credit Hour(s): 3.0

Advanced Media Writing-CTW. Prerequisites: Jour 1010 and Jour 2500 with grades of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. 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 3030 REPORTING II:NEWS GATHER/REPRT

Credit Hour(s): 3.0

Reporting II: News Gathering and Reporting. Prerequisite: Jour 1010 with grade of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. Continuation of Reporting I, with emphasis on news gathering and reporting techniques, utilization of news sources, and the writing of various types of stories developed from beats and sources. Serves as one of two Critical Thinking Through Writing (CTW) courses required for all journalism majors.

JOUR 3060 COMMUNICATION LAW & REGULATION

Credit Hour(s): 3.0

Communication Law and Regulation. Prerequisites: Jour 2500 with grade of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. 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 INTRO TO THEORIES OF MASS COMM

Credit Hour(s): 3.0

Introduction to Theories of Mass Communication. Prerequisites: Jour 1000 and 2500 with grades of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. The development and application of theoretical perspectives on mediated communication, including critical and social-scientific approaches.

JOUR 3120 FEATURE WRITING

Credit Hour(s): 3.0

Feature Writing. Prerequisite: Jour 1010 with grade of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. In-depth reporting and writing techniques for the development of feature writers across communication industries. Human interest writing is stressed.

JOUR 3180 EDITORIAL & CRITICAL WRITING

Credit Hour(s): 3.0

Editorial and Critical Writing. Prerequisite: Jour 1010 with grade of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. 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.

JOUR 3500 INTRO TO PR TECHNIQUES

Credit Hour(s): 3.0

Introduction to Public Relation Techniques. Prerequisite: Jour 3060 with grade of C or higher and an institutional GPA of 2.5 or higher. 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 RELATNS WRITNG/PROJECTS

Credit Hour(s): 3.0

Public Relations Writing and Projects. Prerequisites: Jour 1010 and 3500 with grades of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. 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 Hour(s): 1.0 TO 3.0

Honors Readings. Prerequisites: consent of the instructor and Honors Program director. Discussion and readings on selected topics.

JOUR 3700 INTRO TO TELECOMMUNICATION

Credit Hour(s): 3.0

Introduction to Telecommunication. Prerequisites: Jour 3060 and 3070 with grades of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. 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 3950 PUBLIC RELATIONS RESEARCH

Credit Hour(s): 3.0

Public Relations Research. Prerequisites: Jour 1000 and 2500 with grades of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. Issues and methods of quantitative and qualitative research used and reported by public relations professionals; analysis and criticism of research strategies; tactics to develop critical consumer skills for users and audiences.

JOUR 3955 MASS COMMUNICATION RESEARCH

Credit Hour(s): 3.0

Mass Communication Research. Prerequisite: Jour 3060 with a grade of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. 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 Hour(s): 2.0

Sports Journalism. Prerequisite: Jour 3900 with a grade of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. 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 4040 HISTORY OF NEWS MEDIA-CTW

Credit Hour(s): 3.0

History of the News Media-CTW. Prerequisite: Jour 3060 with a grade of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. 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 4480 POLITICAL CAMPAIGNS

Credit Hour(s): 3.0

Political Campaigns. Prerequisites: Jour 3060 and 3070 with grades of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. (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 Hour(s): 3.0

Visual Communication. Prerequisite: Jour 3060 with grade of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. (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 Hour(s): 3.0

Media and Politics. Prerequisite: Jour 3060 with grade of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. (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 Hour(s): 3.0

Public Relations Campaigns. Prerequisites: Jour 3950 with a grade of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. Students examine research, case specific policy-making implementation, outcomes, and strategies and tactics of public relations.

JOUR 4590 AFRICAN-AMERICAN POP CULTURE

Credit Hour(s): 3.0

African-American Popular Culture. Prerequisite: Jour 3060 with grade of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. (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 Hour(s): 3.0

Readings in Journalism. Prerequisite: Jour 3060 with grade of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. Readings and discussion of selected books and periodicals; reports, critiques, and lectures.

JOUR 4610 ADV DESKTOP EDITING & PUBLISH

Credit Hour(s): 3.0

Advanced Desktop Editing and Publishing. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. Focus on writing, editing, and producing desktop publishing for target audiences and assessing impact of desktop publishing.

JOUR 4650 INTERNATIONAL COMMUNICATION

Credit Hour(s): 3.0

International Communication. Prerequisite: Jour 3060 with grade of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. (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 Hour(s): 3.0

Corporate Communication. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. 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 PR

Credit Hour(s): 3.0

International Public Relations. Prerequisite: Jour 3500 with grade of C or better; only students with an institutional GPA of 2.5 or higher are eligible to enroll. 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 Hour(s): 3.0

TV News Magazine. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. 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 Hour(s): 3.0

Radio News. Prerequisites: Jour 3900 with grade of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. 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 TELECOMM

Credit Hour(s): 3.0

Special Projects in Telecommunication. Prerequisite: Jour 4700 or Jour 3710 with grade of C or higher or consent of instructor. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. 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 4760 NON-FICTION SCRIPTWRITING

Credit Hour(s): 3.0

Non-Fiction Scriptwriting. Prerequisite: Jour 3700 with grade of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. Long-form writing for radio, television, and other electronic media, including documentaries and institutional productions; and short-form writing, including

commercials, promotions and public service announcements.

JOUR 4770 MEDIA MANAGEMENT & MARKETING

Credit Hour(s): 3.0

Media Management and Marketing. Prerequisites: Jour 3060 and 3070 with grades of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. Planning, organizing, coordinating, controlling, and marketing media entities.

JOUR 4780 WOMEN AND MEDIA

Credit Hour(s): 3.0

Women and Media. Prerequisite: Jour 3060 with grade of C or higher for Journalism majors. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. (Same as WSt 4150.) 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 Hour(s): 3.0

Media, Ethics & Society-CTW. Prerequisites: Jour 3060 with a grade of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. 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 Hour(s): 3.0

Media and Popular Culture. Prerequisite: Jour 3060 with grade of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. 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 Hour(s): 3.0

TV Newscast. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. 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 Hour(s): 3.0

Honors Thesis: Research. Prerequisties: consent of the instructor and Honors Program director. Readings or research preparatory to honors thesis or project.

JOUR 4880 HONORS THESIS: WRITING

Credit Hour(s): 3.0 TO 6.0

Honors Thesis: Writing. Prerequisites: Jour 4870 with grade of C or higher and consent of instructor and Honors Program director. Only students with an institutional GPA of 2.2 or higher are eligible to enroll in this course. Writing or production of honors thesis or project.

JOUR 4900 SELECTED TOPICS

Credit Hour(s): 1.0 TO 4.0

Selected Topics. Prerequisite: Jour 3060 with a grade of C or higher. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. May be repeated if topics vary. A maximum of eight credit hours may be applied to the major.

JOUR 4905 SPECIAL TOPICS

Credit Hour(s): 1.0 TO 4.0

Special Topics. Prerequisite: Jour 3900 with a grade of C or higher. Only students with an institutional GPA of 2.5 or higher can register for this course. May be repeated if topic varies. A maximum of four credits can be applied to the major.

JOUR 4980 INTERNSHIP

Credit Hour(s): 1.0 TO 6.0

Internship. Prerequisite: eligibility criteria may be obtained from the Department of Communication Internship Coordinator. Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. Representative experiences in print and broadcast journalism or in public relations.

JOUR 4995 DIRECTED READINGS B.I.S.-CTW

Credit Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. 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 JEWISH STUDIES

JST 3000 INTRO TO JEWISH STUDIES

Credit Hour(s): 3.0

Introduction to Jewish Studies. (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 Hour(s): 3.0

Jewish Studies Internship. Prerequisite: JSt 3000 with grade of C or higher. 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.

KH KINESIOLOGY & HEALTH

KH 1010 BEGIN LEISURE LIFE SKILLS

Credit Hour(s): 2.0

Beginning Leisure Life Skills. 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 2130 INTRO ALLIED FLDS HPE/FITNESS

Credit Hour(s): 3.0

Introduction to the Allied Fields of Health, Physical Education, and Fitness. 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/HEALTH

Credit Hour(s): 3.0

Anatomy in Kinesiology and Health. The performance (sport, dance, daily living skills) applications and functions of musculoskeletal anatomy in the human being are studied.

KH 2230 PHYSIOLOGY KINESIOLOGY/HEALTH

Credit Hour(s): 3.0

Physiology in Kinesiology and Health. Continuation of KH 2220. 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 & WELLNESS

Credit Hour(s): 3.0

Childhood Health and Wellness. 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 PRNCPLS PHYSCL ACTVTY & FITNSS

Credit Hour(s): 2.0

Principles of Physical Activity and Fitness. 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. A minimum grade of "C" is required for this course.

KH 3000 PERSONAL HEALTH AND WELLNESS

Credit Hour(s): 3.0

Personal Health and Wellness. 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. A minimum grade of "C" is required for this course.

KH 3010 PER/ANALYSIS I:SKILL/MOVEMENT

Credit Hour(s): 3.0

(TE) Performance and Analysis Area I: Skill Themes and Movement Concepts. 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. A minimum grade of "C" is required for this course.

KH 3020 PER/ANALYSIS 2:FITNESS/ACTIVTY

Credit Hour(s): 3.0

(TE) Performance and Analysis Area II: Fitness and Physical Activity for P-12. 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. A minimum grade of "C" is required for this course.

KH 3030 PERFORM/ANALYSIS 3:TEAM SPORTS

Credit Hour(s): 3.0

(TE) Performance and Analysis Area III: Team Sports. 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. A minimum grade of "C" is required for this course.

KH 3040 PER/ANALYSIS 4:LIFETIME SPORTS

Credit Hour(s): 3.0

Performance and Analysis Area IV: Lifetime Sports. 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. A minimum grade of "C" is required for this course.

KH 3050 PER/ANALYSIS 5:OUTDR ADVENTURE

Credit Hour(s): 2.0

Performance and Analysis Area V: Outdoor and Adventure Activities. Students develop knowledge and skill in outdoor and adventure programming, including applications for school, camp, and community agencies. Several field trips are required. Emphasis is placed on producing competent performers, as well as developing the ability to analyze and teach the skills and application. A minimum grade of "C" is required for this course.

KH 3060 PERF & ANAL IN DISABILITY SPOR

Credit Hour(s): 3.0

Performance and Analysis in Disability Sport. 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 Hour(s): 3.0

Healthy Lifestyle Choices. 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 HPE, P-12

Credit Hour(s): 3.0 TO 4.0

(TE) Instructional Skills for Health and Physical Education, P-12. Corequisite: KH 3410. Prerequisites: 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. 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. A minimum grade of "C+" is required for this course.

KH 3250 TEACH COMP SCHOOL HEALTH EDUC

Credit Hour(s): 3.0

(TE) Teaching Comprehensive School Health Eduction. Corequisite: KH 3420. 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. A grade of C+ or better is required for this course.

KH 3270 PROM SCH HEALTH & SAFETY

Credit Hour(s): 3.0

Promoting School Health and Safety. This course is an elective for HPE majors and undergraduate students throughout the university seeking to meet the elective requirement of their specific major. The online course explores prevention and intervention strategies effective in promoting comprehensive school health and safety of children and youth interacting within schools and communities (wth special emphasis on urban environments). The course is based on a model developed by the Division of Adolescent and School Health of the Centers for Disease Control and Prevention. This comprehensive model promotes coordination of family, school, and community resources for prevention and reduction of child and adolescent health risk behaviors.

KH 3360 DISABILITY,SPORT, PHYS ACTIVTY

Credit Hour(s): 3.0

Disability, Sport, and Physical Activity. 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. A minimum grade of "C" is required for this course.

KH 3390 ADV FIRST AID & EMERGENCY CARE

Credit Hour(s): 3.0

Advanced First Aid and Emergency Care. Students develop a working knowledge of first aid methods and techniques and accident prevention. A minimum grade of "C" is

required for this course. Red Cross certification is contingent upon a grade of "B" or higher and attendance record.

KH 3410 ASSESSMENT IN HPE

Credit Hour(s): 3.0

(TE) Assessment in Health and Physical Education. Corequisite: KH 3200. Prerequisites: Permission of the HPE faculty, KH 3250 with a grade of C+ or higher, and KH 3420 with a grade of C+ or higher. 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. A minimum grade of "C+" is required for this course.

KH 3420 CURRICULUM IN HPE

Credit Hour(s): 3.0

(TE) Curriculum in Health and Physical Education. Corequisite: KH 3250. 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. A minimum grade of "C+" is required for this course.

KH 3500 ATHLETIC TRAINING/CONDITIONING

Credit Hour(s): 4.0

Athletic Training and Conditioning. Prerequisites: cumulative GPA of 2.5 or higher and KH 2220 with a grade of "C" or higher. Students obtain an overview of the physiological, psychological, and biomechanical principles as they apply to sports performance. A minimum grade of "C" is required for this course.

KH 3550 EVAL/INSTRUMENTATION EXER SCI

Credit Hour(s): 3.0

Evaluation and Instrumentation in Exercise Science. Prerequisite: cumulative GPA of 2.5 or higher. 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. A minimum grade of "C" is required for this course.

KH 3600 BIOMECHANICS

Credit Hour(s): 3.0

Biomechanics. Prerequisites: KH 2220 with a grade of "C" or higher and Math 1111 with a grade of "C" or higher. 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. A minimum grade of "C" is required for this course.

KH 3610 MOTOR LEARNING AND DEVELOPMENT

Credit Hour(s): 3.0

Motor Learning and Development. 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. A minimum grade of "C" is required for this course.

KH 3650 PHYSIOLOGY OF EXERCISE-CTW

Credit Hour(s): 4.0

Physiology of Exercise-CTW. Prerequisites: KH 2230 with a grade of "C" or higher or consent of instructor. 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. A minimum grade of "C" is required for this course.

KH 3700 SEXUALITY EDUC FOR P-12-CTW

Credit Hour(s): 3.0

(TE) Sexuality Education for P-12-CTW. 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. There are no prerequisites for this course. 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. A minimum grade of "C+" is required for this course.

KH 4280 PSYCHOLOGY OF PHYSICAL ACTIVTY

Credit Hour(s): 3.0

Psychology of Physical Activity. Prerequisite: cumulative GPA of 2.5 or higher. The psychological principles underlying the teaching and performance of sport and physical activity are analyzed. A minimum grade of "C" is required for this course.

KH 4290 CARDIOPULMONARY PHYSIOLOGY

Credit Hour(s): 3.0

Cardiopulmonary Physiology. Prerequisites: cumulative GPA of 2.5 or higher and KH 3650 or consent of instructor. 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. A minimum grade of "C" is required for this course.

KH 4300 NEUROMUSCULAR PHYS/PLASTICITY

Credit Hour(s): 3.0

Neuromuscular Physiology and Plasticity. Prerequisite: cumulative GPA of 2.5 or higher and KH 3650. 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 Hour(s): 3.0

Fitness Program Management-CTW. Prerequisite: cumulative GPA of 2.5 or higher. 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. A minimum grade of "C" is required for this course. This is a "Critical Thinking Through Writing" (CTW) course.

KH 4360 CLINICAL EXERCISE PHYSIOLOGY

Credit Hour(s): 4.0

Clinical Exercise Physiology. Prequisite: cumulative GPA of 2.5 or higher and KH 3650. 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. A minimum grade of "C" is required for this course. this course.

KH 4510 CONT/INSTR MODELS PRE-K/ELE PE

Credit Hour(s): 3.0

(TE) Contemporary Instructional Models for Pre-K and Elementary Physical Education. Corequisites: KH 4520, KH 4530, and KH 4540. Prerequisites: Permission of the HPE faculty, KH 3200 with a grade of C+ or higher, and KH 3410 with a grade of C+ or higher. Acquisition and practice of contemporary instructional models for preschool and elementary physical education are studied. Includes peer and field-based teaching experiences. A minimum grade of "C+" is required for this course.

KH 4520 CONT/INSTR MODELS SECONDARY PE

Credit Hour(s): 3.0

(TE) Contemporary Instructional Models for Secondary Physical Education. Corequisites: KH 4510, KH 4530, and KH 4540. Prerequisites: Permission of the HPE faculty, KH 3200 with a grade of C+ or higher, and KH 3410 with a grade of C+ or higher. Acquisition and practice of contemporary instructional models for secondary physical education are discussed. Includes peer and field-based practice teaching experiences. A minimum grade of "C+" is required for this course.

KH 4530 CONT/INSTR MODELS HEALTH EDUC

Credit Hour(s): 3.0 TO 4.0

(TE) Contemporary Instructional Models for Health Education. Corequisites: KH 4510, KH 4520, and KH 4540. Prerequisites: Permission of the HPE faculty, KH 3200 with a grade of C+ or higher, and KH 3410 with a grade of C+ or higher. 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. A minimum grade of "C+" is required for this course.

KH 4540 CONTMP/INSTR MODELS ADAPTED PE

Credit Hour(s): 3.0

(TE) Contemporary Instructional Models for Adapted Physical Education. Corequisites: KH 4510, KH 4520, and KH 4530. Prerequisites: Permission of the HPE faculty, KH 3200 with a grade of C+ or higher, and KH 3410 with a grade of C+ or higher. Acquisition and practice of contemporary instructional models for adapted physical education are studied. Includes peer and field-based practice teaching experiences. A minimum grade of "C+" is required for this course.

KH 4600 ADV BIOMECHANICS FOR EXER SCI

Credit Hour(s): 3.0

Advanced Biomechanics for Exercise Science. Prerequisite: cumulative GPA of 2.5 or higher and KH 3600. 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 ASSESS & EXER PRESCRPT

Credit Hour(s): 4.0

Fitness Assessment and Exercise Prescription. Prerequisite: cumulative GPA of 2.5 or higher and KH 2520 and KH 3650. Students study the process and procedures of physical fitness evaluation and prescription. Emphasis is placed on the design of individual and group exercise programs. A minimum grade of "C" is required for this course.

KH 4650 OPENING SCHOOL EXPERIENCE

Credit Hour(s): 0.0

(TE) Opening School Experience. Prerequisite: current tort liability protection and permission of instructor. 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. Course is graded as satisfactory/unsatisfactory. A minimum grade of "S" is required for this experience.

KH 4710 STUDENT TCHNG HEALTH & PE, P-5

Credit Hour(s): 6.0

(TE) Student Teaching in Health and Physical Education, P-5. Prerequisites: 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. 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. A minimum grade of "B" is required for recommendation for certification.

KH 4720 STUDENT TCHG HEALTH & PE, 6-12

Credit Hour(s): 6.0

(TE) Student Teaching in Health and Physical Education, 6-12. Prerequisites: 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. 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. A minimum grade of "B" is required for recommendation for certification.

KH 4750 PRACTICUM EXERCISE SCIENCE

Credit Hour(s): 1.0

Practicum in Exercise Science. Prerequisites: completion of all course work and permission of instructor. Students must pass a standardized exit exam to complete this requirement. Course is graded as satisfactory/unsatisfactory. A minimum grade of "S" is required.

KH 4760 INTERNSHIP EXERCISE SCIENCE

Credit Hour(s): 5.0

Internship in Exercise Science. Prerequisites: completion of all course work and permission of instructor. 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. Course is graded as satisfactory/unsatisfactory. A minimum grade of "S" is required for this course.

KH 4800 RESEARCH FELLOWSHIP IN EXS

Credit Hour(s): 1.0 TO 5.0

Research Fellowship in Exercise Science. Prerequisites: completion of all course work and permission of instructor. 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. Course is graded as satisfactory/unsatisfactory. A minimum grade of "S" is required for this course. (Repeatable)

KH 4810 DIRECTED READINGS & RESRCH KH

Credit Hour(s): 1.0 TO 3.0

Directed Readings and Research in Kinesiology and Health. Prerequisite: permission of instructor. Focuses on individual reading on special topics in health, physical education, recreation, or exercise science. Research may go beyond one term. Directed reading is graded as satisfactory/unsatisfactory. A minimum grade of "S" is required for this course. (Repeatable).

KORE KOREAN

KORE 1001 ELEMENTARY KOREAN I

Credit Hour(s): 3.0

Elementary Korean I. 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 Hour(s): 3.0

Elementary Korean II. Prerequisite: Kore 1001 with grade of C or higher, or equivalent. 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 Hour(s): 3.0

Intermediate Korean I. Prerequisite: Kore 1002 with grade of C or higher, or equivalent. 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 Hour(s): 3.0

Intermediate Korean II. Prerequisite: Kore 2001 with grade of C or higher, or equivalent. 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 Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

LATN LATIN

LATN 1001 ELEMENTARY LATIN I

Credit Hour(s): 3.0

Elementary Latin I. Grammar, composition, and prose translation.

LATN 1002 ELEMENTARY LATIN II

Credit Hour(s): 3.0

Elementary Latin II. Prerequisite: Latn 1001 with grade of C or higher, or equivalent. Grammar, composition, and prose translation.

LATN 2001 INTERMEDIATE LATIN

Credit Hour(s): 3.0

Intermediate Latin. Prerequisite: Latn 1002 with grade of C or higher, or equivalent. Completion of grammar; composition and reading from prose authors.

LATN 2002 LATIN PROSE

Credit Hour(s): 3.0

Latin Prose. Prerequisite: Latn 2001 with grade of C or higher, or equivalent. Reading of selected works of Cicero and/or Livy.

LATN 3690 HONORS READINGS

Credit Hour(s): 1.0 TO 3.0

Honors Readings. Prerequisites: consent of instructor and Honors Program director. Discussion and readings on selected topics.

LATN 4001 VERGIL'S AENEID

Credit Hour(s): 3.0

Vergil's Aeneid. Prerequisite: Latn 2002 with grade of C or higher, or equivalent. Reading and interpretation of passages from Books I-XII of the Aeneid.

LATN 4011 ROMAN COMEDY

Credit Hour(s): 3.0

Roman Comedy. Roman comedy as exemplified in the plays of Plautus and Terence.

LATN 4012 HORACE

Credit Hour(s): 3.0

Horace. Latin lyric poetry and its influence; selected readings from Odes and Epodes.

LATN 4013 CICERO

Credit Hour(s): 3.0

Cicero. Selections from the letters, the oratorical, or the philosophical works.

LATN 4035 VERGIL'S EARLY POETRY

Credit Hour(s): 3.0

Vergil's Early Poetry. Bucolics and Georgics: the pastoral in its relation to the Augustan Age.

LATN 4036 HISTORICAL LATIN PROSE

Credit Hour(s): 3.0

Historical Latin Prose. Readings from Livy, Sallust, and Tacitus as the basis for a study of Roman historiography.

LATN 4040 MEDIEVAL LATIN

Credit Hour(s): 3.0

Medieval Latin. Prose and poetry from the fifth through the thirteenth centuries.

LATN 4070 SEM IN LAT PROSE & POETRY

Credit Hour(s): 3.0

Seminar in Latin Prose and Poetry. Prerequisite: consent of instructor. Author and genre studies of Latin literature. May be repeated for credit when the topic varies.

LATN 4075 PROSE COMPOSITION

Credit Hour(s): 3.0

Prose Composition. Advanced Latin grammar and composition.

LATN 4870 HONORS THESIS: RESEARCH

Credit Hour(s): 3.0

Honors Thesis: Research. Prerequisites: consent of the instructor and Honors Program director. Readings or research preparatory to honors thesis or project.

LATN 4880 HONORS THESIS: WRITING

Credit Hour(s): 3.0 TO 6.0

Honors Thesis: Writing. Prerequisites: Latn 4870, consent of the instructor and Honors Program director. Writing or production of honors thesis or project.

LATN 4995 DIRECTED READINGS B.I.S.-CTW

Credit Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

LGLS LEGAL STUDIES

LGLS 3020 INTRODUCTION TO THE LAW

Credit Hour(s): 3.0

Introduction to the Law. Prerequisite: none. CSP: 1, 6. Requires a 2.5 GSU GPA an 45 semester hours. 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 Hour(s): 3.0

The Legal Process. Prerequisites: Busa 2106 or Lgls 3020 or consent of instructor. Requires a 2.5 GSU GPA and 75 semester hours. CPS: 1,6. 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

Credit Hour(s): 3.0

Legal Transactions and Risk: Prerequisite: none. CSP: 1, 6. Requires a 2.5 GSU GPA and 45 semester hours. 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 Hour(s): 3.0

Internet Law. Prerequisites: Busa 2106 or Lgls 3020 (not both), or consent of instructor. Requires a 2.5 GSU GPA and 60 semester hours. CSP: 1, 6,7. 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 4389 DIR READ IN LEGAL STUDIES

Credit Hour(s): 1.0 TO 3.0

Directed Readings in Legal Studies. Prerequisite: BusA 2106, consent of instructor.

LGLS 4490 REAL ESTATE LAW

Credit Hour(s): 3.0

Real Estate Law. Prerequisite: none. Requires a 2.5 GSU GPA and 45 semester hours. 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.

MATH MATHEMATICS

MATH 0098 ELEMENTARY ALGEBRA

Credit Hour(s): 4.0

Elementary Algebra. (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 Hour(s): 4.0

Intermediate Algebra. (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 1070 ELEMENTARY STATISTICS

Credit Hour(s): 3.0

Elementary Statistics. Prerequisite: High School Algebra II or equivalent. 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 Hour(s): 3.0

Honors Statistics. Prerequisite: consent of Honors Program director. 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 INTRO TO MATHEMATICAL MODELING

Credit Hour(s): 3.0

Introduction to Mathematical Modeling. Prerequisite: High School Algebra II or equivalent. 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 Hour(s): 3.0

College Algebra. Prerequisite: Math 0099 with grade of C or higher or a suitable score on the math placement test. Graphs; equations and inequalities; complex numbers; functions; polynomial, rational, exponential, and logarithmic functions; and linear systems.

MATH 1112 COLLEGE TRIGONOMETRY

Credit Hour(s): 3.0

College Trigonometry. Prerequisite: Math 1111 with a grade of C or higher, or appropriate score on the placement test. 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 Hour(s): 3.0

Precalculus. Prerequisite: Math 1111 with grade of C or higher or a suitable score on the math placement test, or departmental approval. Trigonometric functions, identities, inverses, and equations; vectors; polar coordinates; conic sections.

MATH 1220 SURVEY OF CALCULUS

Credit Hour(s): 3.0

Survey of Calculus. Prerequisite: Math 1111 with grade of C or higher. Differential and integral calculus of selected real-valued functions of one and several real variables with applications.

MATH 2008 FOUND NUMBERS & OPERATIONS

Credit Hour(s): 3.0

Foundations of Numbers and Operations. Prerequisite: Math 1001, Math 1101, Math 1111, or Math 1113 with grade of C or higher. 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 CALC FOR THE LIFE SCIENCES I

Credit Hour(s): 4.0

Calculus for the Life Sciences I. Prerequisite: Math 1112 or Math 1113 with a grade of C or higher, or appropriate score on the placement test. 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 CALC FOR THE LIFE SCIENCES II

Credit Hour(s): 4.0

Calculus for the Life Sciences II. Prerequisite: Math 2201 with a grade of C or higher. 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 Hour(s): 4.0

Calculus of One Variable I. Prerequisite: Math 1113 with grade of C or higher or a suitable score on the math placement test. 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 Hour(s): 4.0

Calculus of One Variable II. Prerequisite: Math 2211 with grade of C or higher. Applications and techniques of integration; transcendental and trigonometric functions; polar coordinates; infinite sequences and series; indeterminate forms; improper integrals.

MATH 2215 MULTIVARIATE CALCULUS

Credit Hour(s): 4.0

Multivariate Calculus. Prerequisite: Math 2212 with grade of C or higher. Real-valued functions of several variables, limits, continuity, differentials, directional derivatives, partial derivatives, chain rule, multiple integrals, applications.

MATH 2420 DISCRETE MATHEMATICS

Credit Hour(s): 3.0

Discrete Mathematics. Prerequisite: Math 1113 or 1220 with grade of C or higher. 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 MATH-CTW

Credit Hour(s): 3.0

Bridge to Higher Mathematics-CTW. Prerequisites: Math 2212 and Math 2420 with grades of C or higher. 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 MATH MODELS FOR COMPUTER SCI

Credit Hour(s): 3.0

Mathematical Models for Computer Science. Prerequisites: Math 2212 and Math 2420 or CSc 2510 with grades of C or higher. 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 Hour(s): 3.0

Geometry and Spatial Sense. Prerequisite: Math 2030 or Math 2008 with grade of C or higher. 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 INTRO: PROBABILITY &STATISTICS

Credit Hour(s): 3.0

Introduction to Probability and Statistics. Prerequisite: Math 2030 or Math 2008 with grade of C or higher, or consent of instructor. 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 Hour(s): 3.0

Algebraic Concepts. Prerequisite: Math 2030 or Math 2008 with grade of C or higher. 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 Hour(s): 3.0

Differential Equations. Prerequisite: Math 2215 with grade of C or higher. 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 Hour(s): 3.0

Problem Solving with Computers. Prerequisite: Math 3000 with grade of C or higher. 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 Hour(s): 3.0

Applied Combinatorics. Prerequisite: Math 2212 or Math 2420 with grade of C or higher. Counting principles; topics include combinations, permutations, generating functions, recurrence relations, principle of inclusion and exclusion, and Polya's theory of counting.

MATH 3435 INTRODUCTORY LINEAR ALGEBRA

Credit Hour(s): 3.0

Introductory Linear Algebra. Prerequisite: Math 2215 with grade of C or higher. Corequisite: Math 3000. Theory and applications of matrix algebra and linear transformations. Topics include linear equations, vector spaces, matrices, subspaces, and bases.

MATH 3610 SPECIAL PROB AND SOLVING STRAT

Credit Hour(s): 3.0

Special Problems and Solving Strategies. Prerequisite: Math 2212 with grade of B or higher, or consent of instructor. 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 Hour(s): 1.0 TO 3.0

Honors Readings. Prerequisite: consent of Honors Program director. Discussion and readings on selected topics.

MATH 3820 HIST/CULT DEVELOPMNT OF MATH I

Credit Hour(s): 3.0

Historical and Cultural Development of Mathematics I. Prerequisite: Math 1101 or 1111 with grade of C or higher. 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 HIST/CULT DEVLPMENT OF MATH II

Credit Hour(s): 3.0

Historical and Cultural Development of Mathematics II. Prerequisite: Math 3000 with grade of C or higher. 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 Hour(s): 3.0

Mathematical Biology. Prerequisite: Math 2212 or Math 1220 with grade of C or higher. (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 4211 OPTIMIZATION

Credit Hour(s): 3.0

Optimization. Prerequisite: Math 2215 with grade of C or higher. 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 Hour(s): 3.0

Complex Analysis. Prerequisite: Math 3000 with grade of C or higher. Complex numbers, analytic functions, complex series, Cauchy theory, residue calculus, conformal mapping.

MATH 4253 INTRO TO OPERATIONS RESEARCH

Credit Hour(s): 3.0

Introduction to Operations Research. Prerequisite: Math 3435 or 3030 with grade of C or higher. Linear programming, the simplex method, network theory, game theory, Markov analysis, and other topics such as inventory analysis, queuing theory, integer programming.

MATH 4258 VECTOR CALCULUS

Credit Hour(s): 3.0

Vector Calculus. Prerequisite: Math 2215 with grade of C or higher. (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 Hour(s): 3.0

Partial Differential Equations. Prerequisite: Math 3260 with grade of C or higher. (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 Hour(s): 3.0

Applied Dynamical Systems. Prerequisites: Math 3260, and Math 3435 or 3030 with grades of C or higher. 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 Hour(s): 3.0

College Geometry. Prerequisite: Math 3000 with grade of C or higher. 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 Hour(s): 3.0

Modern Geometry. Prerequisite: Math 3000 with grade of C or higher. Euclidean and non-Euclidean geometry, including incidence, order, and the parallel postulate.

MATH 4381 GENERAL TOPOLOGY

Credit Hour(s): 3.0

General Topology. Prerequisite: Math 4441 or Math 4661 with grade of C or higher. This course is an introduction to the fundamental concepts of point-set topology. Topics to be covered: review of aspects of set theory and logic; topological spaces and continuous functions (basis for a topology, product topology, basis for a topology, order topology, subspace topology, metric topology, quotient topology, homeomorphisms), connectedness and compactness in topological spaces, separation axioms, the fundamental group (homotopy of paths, covering spaces, the fundamental group of the circle, retractions and fixed points).

MATH 4391 INTO TO DIFFERENTIAL GEOMETRY

Credit Hour(s): 3.0

Introduction to Differential Geometry and Its Applications. Prerequisite: Math 2215 with grade of C or higher. (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 Hour(s): 3.0

Graph Theory. Prerequisite: Math 3000 with grade of C or higher. 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

Credit Hour(s): 3.0

Linear Algebra. Prerequisites: Math 3435 and Math 3000 with grades of C or higher. Theory and applications of matrix algebra, vector spaces, and linear transformations; topics include characteristic values, the spectral theorem, and orthogonality.

MATH 4441 MODERN ALGEBRA I

Credit Hour(s): 3.0

Modern Algebra I. Prerequisites: Math 3435 and Math 3000 with grades of C or higher. Axiomatic approach to algebraic structures, groups, permutations, homomorphisms, and factor groups.

MATH 4442 MODERN ALGEBRA II

Credit Hour(s): 3.0

Modern Algebra II. Prerequisite: Math 4441 with grade of C or higher. Rings, integral domains, and fields; polynomials over a field, matrices over a field, algebraic numbers and ideals.

MATH 4444 POLYNOMIALS

Credit Hour(s): 3.0

Polynomials. Prerequisite: Math 3000 with grade of C or higher. 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 Hour(s): 3.0

Theory of Numbers. Prerequisite: Math 3000 with grade of C or higher. Properties of integers, divisibility, congruence of problems.

MATH 4455 ERROR CORRECTION CODES

Credit Hour(s): 3.0

Error Correcting Codes. Prerequisite: Math 3030 or Math 3435 with grade of C or higher. 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 Hour(s): 3.0

Cryptography. Prerequisite: Math 3030 or Math 3435 with grade of C or higher and the ability to program high-level language. 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 Hour(s): 3.0

Biostatistics. Prerequisites: Math 2211 and Biol 1104K or Biol 1108K or Biol 2108K with grades of C or higher. (Same as Biol 4744.) Degree credit will not be given for both Math 4544 and 4547. Principles and methods of statistics as applied to biology and medicine.

MATH 4547 INTRO TO STATISTICAL METHODS

Credit Hour(s): 3.0

Introduction to Statistical Methods. Prerequisite: grade of C or higher in a course in calculus. Degree credit will not be given for both Math 4544 and 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 METH OF REGRESSION/ANAL OF VAR

Credit Hour(s): 3.0

Methods of Regression and Analysis of Variance. Prerequisites: grade of C or higher in a course in calculus, and a course covering methods of statistical inference. 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 Hour(s): 3.0

Numerical Analysis I. Prerequisites: Math 2215 with grade of C or higher and the ability to program in a high-level language. (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 Hour(s): 3.0

Numerical Analysis II. Prerequisites: Math 3030 or 3045 with grade of C or higher, and the ability to program in a high-level language. (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 Hour(s): 3.0

Inverse and Ill-Posed Problems. Prerequisites: Math 3030 or 3435, and Math/CSc 4610 or Math/CSc 4620 with grades of C or higher. 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 Hour(s): 3.0

Analysis I. Prerequisite: Math 3435 with grade of C or higher. Corequisite: Math 4435. The real number system, basic topology of metric spaces, sequences and series, limits and continuity.

MATH 4662 ANALYSIS II

Credit Hour(s): 3.0

Analysis II. Prerequisite: Math 4661 with grade of C or higher. Differentiation of real functions, Reimann integrals, sequences and series of functions, differentation and integration of functions of several variables.

MATH 4671 TRANSFORMS IN APPLIED MATH

Credit Hour(s): 3.0

Transforms in Applied Mathematics. Prerequisite: Math 3030 or Math 3435 with grade of C or higher. The Laplace transform, discrete and continuous Fourier Transforms, z-transforms, discrete filters, and wavelets.

MATH 4751 MATHEMATICAL STATISTICS I

Credit Hour(s): 3.0

Mathematical Statistics I. Prerequisite: Math 2215 with grade of C or higher. Probability, random variables and their distributions, mathematical expectation, moment generating functions, sampling distributions.

MATH 4752 MATHEMATICAL STATISTICS II

Credit Hour(s): 3.0

Mathematical Statistics II. Prerequisite: Math 4751 with grade of C or higher. Theory of estimation and hypothesis testing, applications of statistical inference, introduction to regression and correlation.

MATH 4767 STATISTICAL COMPUTING

Credit Hour(s): 3.0

Statistical Computing. Prerequisites: Math 4752 or 4548, and Math 3435 with grades of C or higher and the ability to program in a high-level language. Computational implementation of statistical methods such as descriptive statistics, one and two sample tests, regression, correlation, ANOVA methods of estimation, and Monte Carlo techniques. Standard statistical packages will be used as well as user-written programs.

MATH 4870 HONORS THESIS: RESEARCH

Credit Hour(s): 3.0

Honors Thesis: Research. Prerequisites: consent of the instructor and Honors Program director. Readings or research preparatory to Honors thesis or project.

MATH 4880 HONORS THESIS: WRITING

Credit Hour(s): 3.0

Honors Thesis: Writing. Prerequisites: Math 4870, consent of the instructor and Honors Program director. Writing or production of Honors thesis or project.

MATH 4982 UNDERGRAD RESEARCH IN MATH

Credit Hour(s): 3.0

Undergraduate Research in Mathematics. Prerequisites: at least 12 upper-division hours in mathematics with grades of C or higher. Authorization required. Independent investigation of topics of common interest to student and instructor.

MATH 4991 SENIOR SEMINAR-CTW

Credit Hour(s): 3.0

Senior Seminar-CTW. Prerequisite: Math 4435 with grade of C or higher. 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 Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. 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 Hour(s): 1.0 TO 3.0

Selected Topics. Prerequisite: consent of instructor. No more than six credit hours may be applied toward the major. May be repeated if topics are different.

MES MIDDLE EAST STUDIES

MES 2100 INTRO TO MIDDLE EAST STUDIES

Credit Hour(s): 3.0

Introduction to Middle East Studies. Provides an overview of the scholarly study of the region, including basic concepts, historical development and current debates.

MES 3110 THE ANCIENT MEDITERRANEAN

Credit Hour(s): 4.0

The Ancient Mediterranean. (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 3400 INTRODUCTION TO JUDAISM

Credit Hour(s): 3.0

Introduction to Judaism. (Same as RelS 3400.) Central practices and beliefs of Jewish tradition; historical development of Judaism from its origins to the reestablishment 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.

MES 3500 INTRODUCTION TO ISLAM

Credit Hour(s): 3.0

Introduction to Islam. (Same as RelS 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 and revivalism.

MES 3520 SUFISM & ISLAMIC MYSTICISM

Credit Hour(s): 3.0

Sufism & Islamic Mysticism. (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 Hour(s): 3.0

Introduction to Jewish Studies. (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 Hour(s): 4.0

The Middle East, 600 to 1800. (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 Hour(s): 4.0

North Africa to 1800. (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 Hour(s): 4.0

The Middle East since 1800. (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/ISLAM

Credit Hour(s): 4.0

Medieval Mediterranean/Islamic World. (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 ANCIENT NEAR EASTERN SOCIETIES

Credit Hour(s): 4.0

Origins and Collapse Ancient Near East Societies. (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, & ROME

Credit Hour(s): 4.0

Ancient Persia, Greece, and Rome. (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 MIDDLE EAST AND THE AMERICAS

Credit Hour(s): 4.0

The Middle East and the Americas. 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 & MODERN MIDDLE EAST

Credit Hour(s): 4.0

Palestine and Modern Middle East. 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 POL MIDDLE EAST/NORTH AFRICA

Credit Hour(s): 3.0

Politics of the Middle East and North Africa. (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 POL & RELIGN IN COMPAR PERSPCT

Credit Hour(s): 3.0

Politics and Religion in Comparative Perspective. 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 Hour(s): 3.0

Model Arab League. Prerequisite: consent of instructor. (Same as PolS 4952.) An exercise in modeling the process and politics of the Arab League. May be repeated for credit.

MES 4258 GOVT & POLITICS OF SOUTH ASIA

Credit Hour(s): 3.0

Government and Politics of South Asia. (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 4310 GEOG MIDDLE EAST/NORTH AFRICA

Credit Hour(s): 4.0

Geography of the Middle East and North Africa. (Same as Geog 4408.) An examination of the physical and human geography of the Middle East from Iran to Morocco. Emphasis is placed on forces that define and shape the Middle East today, including the peace process, water resource management, economic development, and the balance between religious and secular life.

MES 4420 MODERN JUDAISM

Credit Hour(s): 3.0

Modem Judaism. (Same as RelS 4450.) Key issues and historical events shaping Judaism in the modem 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.

MES 4430 ISLAMIC FUND & MODERN WORLD

Credit Hour(s): 3.0

Islamic Fundamentalism and the Modem World. (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 Hour(s): 3.0

Special Topics in Islam. (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 Hour(s): 3.0

Life of Muhammad. (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 4460 TOPICS IN JUDAISM

Credit Hour(s): 3.0

Topics in Judaism. (Same as RelS 4490.) Examination of selected topics in Judaism. May be repeated if topics vary.

MES 4510 ART OF ANCIENT EGYPT AND NUBIA

Credit Hour(s): 3.0

Art of Ancient Egypt and Nubia. (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 & ARCH OF ANCIENT EGYPT I

Credit Hour(s): 3.0

Art and Architecture of Ancient Egypt I: 4000-1600 BC. Prerequisite: AH 1700 with grade of C or higher, or consent of instructor. (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 & ARCH OF ANCIENT EGYPT II

Credit Hour(s): 3.0

Art and Architecture of Ancient Egypt II: 1600-31 BC. (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/ARCHITCT ANCIENT NEAR EAST

Credit Hour(s): 3.0

Art and Architecture of the Ancient Near East. Prerequisite: AH 1700 with grade of C or higher, or consent of the instructor. (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 Hour(s): 3.0

Islamic Philosophy. 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 Hour(s): 3.0 TO 6.0

Study Abroad. Prerequisite: consent of instructor. 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.

MES 4580 MIDDLE EAST STUDIES INTERNSHIP

Credit Hour(s): 1.0 TO 6.0

Middle East Studies Internship. Prerequisite: Advanced standing, and approval of sponsoring faculty advisor and of department chair. 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.

MES 4590 SPECIAL STUDIES SEMINAR

Credit Hour(s): 1.0 TO 6.0

Special Studies Seminar. This course offers an in-depth examination of an issue in Middle East Studies.

MES 4600 INTERNATIONAL JOURNALISM

Credit Hour(s): 3.0

International Journalism. Prerequisites: Jour 3060 and 3070 with grades of C or higher. 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 Hour(s): 3.0

Arab and Islamic Feminisms. (Same as WSt 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 Hour(s): 1.0 TO 6.0

Honors Thesis: Research. Prerequisites: consent of the instructor and Honors Program director. Readings or research preparatory to honors thesis.

MES 4880 HONORS THESIS: WRITING

Credit Hour(s): 1.0 TO 6.0

Honors Thesis: Writing. Prerequisites: MES 4870 and consent of the instructor and Honors Program director. Writing or production of honors thesis or project.

MES 4890 INDEPENDENT STUDY

Credit Hour(s): 1.0 TO 4.0

Independent Study. Prerequisites: consent of instructor and Institute director. 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 Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. 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 Hour(s): 1.0 TO 4.0

Directed Readings. Prerequisite: consent of instructor.

MGS MANAGERIAL SCIENCES

MGS 3100 BUSINESS ANALYSIS

Credit Hour(s): 3.0

Business Analysis. (Formerly DSC 3120). Prerequisite: Math 1070. CSP: 1, 2, 6. Requires a 2.5 GSU GPA and 45 semester hours. This course provides a frame of reference for using models in support of decision making in an enterprise, then intro- duces 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 ORGS

Credit Hour(s): 3.0

Managing People in Organizations. (Formerly MGT 3500). Prerequisite: none. Requires a 2.5 GSU GPA and 45 semester hours. CSP: 1, 6, 7. This course provides an overview of management in organiza- tions. Students will be introduced to fundamental organi- zational concepts such as organizational systems, organization design and sructure, and the decision-making process. In addition, students will be introduced to the studey of human behavior in organizations. The organiza- tional 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 MANAGER'L DECISION MAKING

Credit Hour(s): 3.0

Managerial Decision Making. (Formerly DSC 4130, same as MGT 4130). Prerequisite: Math 1070. Requires a 2.5 GSU GPA and 45 semester hours. Bcom 3950. 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 BUSINESS INTELLIGENCE

Credit Hour(s): 3.0

Introduction to Business Intelligence. (Formerly DSC 4020). Prerequisite: Mgs 3100. CSP: 1, 2, 4, 6. Requires a 2.5 GSU GPA and 45 semester hours. 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 Hour(s): 3.0

Analysis of Business Data. (Formerly DSC 4100). Prerequisite: Math 1070 or consent of instructor. CSP: 1, 6. Requires a 2.5 GSU GPA and 45 semester hours. 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 ALLOCA-CTW

Credit Hour(s): 3.0

Optimal Resource Allocation-CTW. (Formerly DSC 4120). Prerequisite: Mgs 3100. CSP: 1, 3, 4, 7. Requires a 2.5 GSU GPA and 45 semester hours. 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 Hour(s): 3.0

Business Modeling. (Formerly DSC 4240). Prerequisite: Mgs 3100. CSP: 1, 2, 3, 6. Requires a 2.5 GSU GPA and 45 semester hours. 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 Hour(s): 3.0

Managing Human Resources. (Formerly MGT 4300). Prerequisite: Mgs 3400. Requires a 2.5 GSU GPA and 45 semester hours. 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 ENVIRONM OF HR MGT-CTW

Credit Hour(s): 3.0

Legal Environment of Human Resource Management-CTW. (Formerly MGT 4510). Prerequisite: Mgs 4300 or consent of instructor. Requires a 2.5 GSU GPA and 45 semester hours. CTW: 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 Hour(s): 3.0

Human Resource Selection. (Formerly MGT 4360). Prerequisite: Mgs 3400. Requires a 2.5 GSU GPA and 45 semester hours. 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

Credit Hour(s): 3.0

Employee Benefit Plans. (Same as RMI 4530.) (Formerly MGT 4580). Prerequisite: Mgs 3400. CSP: 1, 6, 7. Requires a 2.5 GSU GPA and 45 semester hours. 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 MGS

Credit Hour(s): 1.0 TO 3.0

Directed Reading in Managerial Science. (Formerly DSc 4389, MGT 4389). Prerequisites: MGS 3400 or consent of instructor.

MGS 4390 COMPENSATION

Credit Hour(s): 3.0

Compensation. (Formerly MGT 4390). Prerequisite: Mgs 3400. Requires a 2.5 GSU GPA and 45 semester hours. 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 Hour(s): 3.0

HRM Field Study. (Formerly MGT 4395). Prerequisites: Mgs 3400, Mgs 4300, and either Mgs 4360 or Mgs 4390; plus consent of instructor. Requires a 2.5 GSU GPA and 45 semester hours. 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.

MGS 4420 BECOMING A LEADER

Credit Hour(s): 3.0

Becoming a Leader. (Formerly MGT 4220). Prerequisite: Mgs 3400. Requires a 2.5 GSU GPA and 45 semester hours. 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 Hour(s): 3.0

Negotiation. (Formerly MGT 4250). Prerequisite: MGS 3400 or consent of instructor. CSP: 1, 6, 7. Requires a 2.5 GSU GPA and 45 semester hours. 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 Hour(s): 3.0

Working in Teams. (Formerly MGT 4440). Prerequisite: Mgs 3400. Requires a 2.5 GSU GPA and 45 semester hours. 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 ORGANIZ COMMUNICATION

Credit Hour(s): 3.0

Organizational Communication. (Formerly MGT 4370). Prerequisite: Mgs 3400. Requires a 2.5 GSU GPA and 45 semester hours. 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 ENTREPRENRSHP/NEW VEN MGT

Credit Hour(s): 3.0

Entrepreneurship and New Venture Management. (Formerly MGT 4500). Prerequisites: Mgs 3400, Fi 3300, Mk 3010. Requires a 2.5 GSU GPA and 45 semester hours. 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. The course provides the student with an opportunity to research the idea of starting or taking over a business.

MGS 4550 MANAGING A FAMILY BUS

Credit Hour(s): 3.0

Managing a Family Business. (Formerly MGT 4550). Prerequisite: Mgs 3400. Requires a 2.5 GSU GPA and 45 semester hours. 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 MGT-CTW

Credit Hour(s): 3.0

Small Business Management-CTW. (Formerly MGT 4750). Prerequisites: Fi 3300, Mgs 3400, Mk 3010; or consent of instructor. Requires a 2.5 GSU GPA and 45 semester hours. 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 ENTREPRENRSHP FIELD STUDY

Credit Hour(s): 3.0

Entrepreneurship Field Study. (Formerly MGT 4505). Prerequisite: consent of instructor. Requires a 2.5 GSU GPA and 45 semester hours. 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.

MGS 4610 CORP SOC RESPONSIBILITY

Credit Hour(s): 3.0

Corporate Social Responsibility. (Formerly MGT 4900). Prerequisite: Mgs 3400. Requires a 2.5 GSU GPA and 45 semester hours. 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 Hour(s): 3.0

Operations Management. (Formerly MGT 4700). Prerequisites: Mgs 3400, Mgs 3100. CSP: 1. Requires a 2.5 GSU GPA and 45 semester hours. 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 4730 PROJECT MANAGEMENT

Credit Hour(s): 3.0

Project Management. (Formerly MGT 4730). Prerequisites: Math 1070, Mgs 3400. CSP: 1. Requires a 2.5 GSU GPA and 45 semester hours. 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 OPERATIONS STRATEGY

Credit Hour(s): 3.0

Operation Strategy. (Formerly MGT 4740). Prerequisites: Mgs 3100, Mgs 4700. Requires a 2.5 GSU GPA and 45 semester hours. 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 Hour(s): 3.0

Total Quality Management. (Formerly MGT 4760, DSC 4760). Prerequisite: Mgs 3100. CSP: 1, 2, 3, 6. Requires a 2.5 GSU GPA and 45 semester hours. 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 MGT-CTW

Credit Hour(s): 3.0

Service Operations Management-CTW. Prerequisite: Mgs 4700; CSP: 1, 2, 3, 7. Requires a 2.5 GSU GPA and 45 semester hours. CTW: 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 Hour(s): 3.0

Management Studies Abroad. (Formerly MGT 4660). Prerequisites: Mgs 3400, consent of instructor. Requires a 2.5 GSU GPA and 45 semester hours. 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.

MK MARKETING

MK 3010 BASIC MARKETING

Credit Hour(s): 3.0

Basic Marketing. Prerequisite: Econ 2106. Requires a 2.5 GSU GPA 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. 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 3900 MARKETING METRICS

Credit Hour(s): 3.0

Marketing Metrics, Analysis and Problem Solving. Corequisite: MK 3010. CPS: None. 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 Hour(s): 3.0

Buyer Behavior. Prerequisite: Mk 3010. Requires a 2.5 GSU GPA and 45 semester hours. 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 Hour(s): 3.0

Marketing Research. Prerequisite: Mk 3010, Mgs 3100. CSP: 1, 2, 4. Requires a 2.5 GSU GPA and 45 semester hours. 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.

MK 4300 ADVERTISING

Credit Hour(s): 3.0

Advertising. Prerequisite: Mk 3010. CSP: 1. Requires a 2.5 GSU GPA and 45 semester hours. 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 4310 ADVERTISING CAMPAIGNS

Credit Hour(s): 3.0

Advertising Campaigns. Prerequisite: Mk 4300. CSP: 1, 2, 4, 6, 7. Requires a 2.5 GSU GPA and 45 semester hours. 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 PROFESSIONAL SALES

Credit Hour(s): 3.0

Principles of Professional Sales. Prerequisite: Bcom 3950, Mk 3010. Requires a 2.5 GSU GPA and 45 semester hours. 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

Credit Hour(s): 3.0

Key Account Sales Skills and Techniques. Prerequisite: MK 4330. CPS: None. 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 Hour(s): 3.0

Sales Management. Prerequisite: Mk 3010. Requires a 2.5 GSU GPA and 45 semester hours. Bcom 3950. 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 DIRECT READ IN MARKETING

Credit Hour(s): 1.0 TO 3.0

Directed Readings in Marketing. Prerequisite: Mk 3010, consent of instructor.

MK 4400 DISTRIBUTION MANAGEMENT

Credit Hour(s): 3.0

Distribution Management. Prerequisite: Mk 3010. Bcom 3950. Requires a 2.5 GSU GPA and 45 semester hours. CSP: 1, 2. 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 Hour(s): 3.0

Retailing. Prerequisite: Mk 3010. Bcom 3950. Requires a 2.5 GSU GPA and 45 semester hours. 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 MKT

Credit Hour(s): 3.0

Business-to-Business Marketing. Prerequisite: Mk 3010. Bcom 3950. Requires a 2.5 GSU GPA and 45 semester hours. 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 Hour(s): 3.0

International Marketing. Prerequisite: Mk 3010. Bcom 3950. Requires a 2.5 GSU GPA and 45 semester hours. 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 Hour(s): 3.0

Product Management. Prerequisite: Mk 3010. Bcom 3950. Requires a 2.5 GSU GPA and 45 semester hours. CSP: 1, 2. 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 4720 DIRECT MARKETING

Credit Hour(s): 3.0

Direct and Interactive Marketing. Prerequisite: Bcom 3950, MK 3010. CPS: 1, 2, 6, 7. 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 4900 MARKETING PROBLEMS-CTW

Credit Hour(s): 3.0

Marketing Problems-CTW. Prerequisite: completion of 12 semester hours in marketing Requires a 2.5 GSU GPA and 45 semester hours. courses including Mk 3010, Mk 4100, and Mk 4200. CSP: 1, 2, 3. Prequisites are strictly enforced. CTW: This course satisfies critical thinking through writing requirements. This is the capstone course

focusing on the application of concepts from all courses in the marketing major. It provides students with hands-on experience with marketing decision- making. About half of the course covers discussion of students' analysis of comprehensive cases of marketing problems faced by real organizations. Students prepare case recommendations which are the focus of discussion. The rest of the course covers presentation/discussion of a project where student teams gain experience with several marketing tools while helping local businesses develop marketing solutions. Students prepare a written report and multimedia presentation for each of the four project assignments and make presentations to the class and their client company.

MSL MILITARY SCIENCE LEADERSHIP

MK 3010 BASIC MARKETING

Credit Hour(s): 3.0

Basic Marketing. Prerequisite: Econ 2106. Requires a 2.5 GSU GPA 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. 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

Credit Hour(s): 3.0

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MK 4100 BUYER BEHAVIOR

Credit Hour(s): 3.0

Buyer Behavior. Prerequisite: Mk 3010. Requires a 2.5 GSU GPA and 45 semester hours. 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 Hour(s): 3.0

Marketing Research. Prerequisite: Mk 3010, Mgs 3100. CSP: 1, 2, 4. Requires a 2.5 GSU GPA and 45 semester hours. 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.

MK 4300 ADVERTISING

Credit Hour(s): 3.0

Advertising. Prerequisite: Mk 3010. CSP: 1. Requires a 2.5 GSU GPA and 45 semester hours. 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 E SOCIAL MEDIA MARKETING

Credit Hour(s): 3.0

MK 4310 ADVERTISING CAMPAIGNS

Credit Hour(s): 3.0

Advertising Campaigns. Prerequisite: Mk 4300. CSP: 1, 2, 4, 6, 7. Requires a 2.5 GSU GPA and 45 semester hours. 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 PROFESSIONAL SALES

Credit Hour(s): 3.0

Principles of Professional Sales. Prerequisite: Bcom 3950, Mk 3010. Requires a 2.5 GSU GPA and 45 semester hours. 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

Credit Hour(s): 3.0

Key Account Sales Skills and Techniques. Prerequisite: MK 4330. CPS: None. 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 Hour(s): 3.0

Sales Management. Prerequisite: Mk 3010. Requires a 2.5 GSU GPA and 45 semester hours. Bcom 3950. 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 DIRECT READ IN MARKETING

Credit Hour(s): 1.0 TO 3.0

Directed Readings in Marketing. Prerequisite: Mk 3010, consent of instructor.

MK 4400 DISTRIBUTION MANAGEMENT

Credit Hour(s): 3.0

Distribution Management. Prerequisite: Mk 3010. Bcom 3950. Requires a 2.5 GSU GPA and 45 semester hours. CSP: 1, 2. 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 Hour(s): 3.0

Retailing. Prerequisite: Mk 3010. Bcom 3950. Requires a 2.5 GSU GPA and 45 semester hours. 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 MKT

Credit Hour(s): 3.0

Business-to-Business Marketing. Prerequisite: Mk 3010. Bcom 3950. Requires a 2.5 GSU GPA and 45 semester hours. 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 Hour(s): 3.0

International Marketing. Prerequisite: Mk 3010. Bcom 3950. Requires a 2.5 GSU GPA and 45 semester hours. 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 Hour(s): 3.0

Product Management. Prerequisite: Mk 3010. Bcom 3950. Requires a 2.5 GSU GPA and 45 semester hours. CSP: 1, 2. 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 4720 DIRECT MARKETING

Credit Hour(s): 3.0

Direct and Interactive Marketing. Prerequisite: Bcom 3950, MK 3010. CPS: 1, 2, 6, 7. 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 Hour(s): 3.0

Services Marketing. Prerequisites; MK 3010. Requires a 2.5 GSU GPA and 45 semester hours. CSP: 1, 2, 6, 7.

MK 4900 MARKETING PROBLEMS-CTW

Credit Hour(s): 3.0

Marketing Problems-CTW. Prerequisite: completion of 12 semester hours in marketing Requires a 2.5 GSU GPA and 45 semester hours. courses including Mk 3010, Mk 4100, and Mk 4200. CSP: 1, 2, 3. Prequisites are strictly enforced. CTW: This course satisfies critical thinking through writing requirements. This is the capstone course focusing on the application of concepts from all courses in the marketing major. It provides students with hands-on experience with marketing decision- making. About half of the course covers discussion of students' analysis of comprehensive cases of marketing problems faced by real organizations. Students prepare case recommendations which are the focus of discussion. The rest of the course covers presentation/discussion of a project where student teams gain experience with several marketing tools while helping local businesses develop marketing solutions. Students prepare a written report and multimedia presentation for each of the four project assignments and make presentations to the class and their client company.

MTM MUSIC TECHNOLOGY MANAGEMENT

MTM 3010 INTRO TO MUSIC INDUSTRY

Credit Hour(s): 3.0

Introduction to the Music Industry. Prerequisite: Engl 1102 with grade of C or higher. 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 MUS

Credit Hour(s): 3.0

Promotion of Recorded Music. Prerequisite: MTM 3010 with grade of C or higher. 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 MARKT AND BRANCH SALES MI

Credit Hour(s): 3.0

Marketing and Branch Sales in the Music Industry. Prerequisite: MTM 3010 with grade of C or higher. 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 Hour(s): 2.0

Practicum. Prerequisite: MTM 3010 with grade of C or higher, or consent of MTM faculty. Part-time supervised field experience in an approved music technology or management setting.

MTM 3050 LEGAL ASPECTS OF MUS IND

Credit Hour(s): 3.0

Legal Aspects of the Music Industry. Prerequisite: MTM 3010 with grade of C or higher. 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 Hour(s): 6.0

Internship. Prerequisite: consent of MTM faculty. Full-time internship in a music technology or management setting. May be repeated for credit.

MTM 3110 INTRO AUDIO RECORDING

Credit Hour(s): 4.0

Introduction to Audio Recording. Prerequisites: Phys 1111K, Phys 1112K, Phys 2030K, and Mus 2440 with grades of C or higher. Two lecture and two laboratory hours. 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.

MTM 3120 DIGITAL AUD TECH AND RCRD

Credit Hour(s): 4.0

Digital Audio Technology and Recording Techniques. Prerequisites: MTM 3110, Phys 1111K, Phys 1112K, Phys 2030K, and Mus 2440 with grades of C or higher. Two lecture and two laboratory hours. 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.

MTM 3130 ADV TPCS RECDG AUD PROD

Credit Hour(s): 4.0

Advanced Topics in Recording and Audio Production. Prerequisites: MTM 3120, Phys 1111K, Phys 1112K, Phys 2030K, and Mus 2330 with grades of C or higher. Two lecture and two laboratory hours. 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.

MTM 3230 AUDIO POST PRODUCTION

Credit Hour(s): 4.0

Audio Post-Production. Prerequisite: MTM 3110 with grade of C or higher. Three lecture hours and three laboratory hours. 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.

MTM 3300 COPYRIGHT AND MUSIC PUBL

Credit Hour(s): 3.0

Copyright and Music Publishing. Prerequisite: MTM 3010 with grade of C or higher. 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 MUS IND

Credit Hour(s): 2.0

Entrepreneurship in the Music Industry. Prerequisite: MTM 3010 with grade of C or higher. 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 Hour(s): 2.0

Artist Representation. Prerequisite: MTM 3010 with grade of C or higher. 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 TECH FINAL PROJECT

Credit Hour(s): 3.0

Music Technology Final Project. Prerequisites: MTM 3120 with grade of C or higher, and consent of instructor. Culminating project in music technology developed with faculty guidance.

MTM 4910 MUSIC MGT SEN PROJECT

Credit Hour(s): 1.0

Music Management Senior Project. Prerequisite: consent of MTM faculty. Culminating project for students in the music management concentration.

MUA MUSIC APPRECIATION

MUA 1059 UNIVERSITY BASKETBALL BAND

Credit Hour(s): 1.0

University Basketball Band. 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:ORIGINS,STYLES,INFLU

Credit Hour(s): 3.0

Jazz: Its Origins, Styles, and Influence. 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 BEGIN PIANO/NON-MUS MAJOR

Credit Hour(s): 2.0

Beginning Piano for Non-Music Majors. 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 INTRO GUITAR: TECH, METH, STYL

Credit Hour(s): 2.0

Introduction to Guitar: Technique, Methods, and Styles. Principles of guitar performance, including folk, blues, rock, and classical styles. Chords and finger-picking. No prior experience necessary. Acoustic guitar required.

MUA 1900 DRAM MUS:REN THRU 20TH CEN

Credit Hour(s): 3.0

Dramatic Music from the Renaissance through the Twentieth Century. 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 Hour(s): 3.0

Music, Society, and Culture. 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 Hour(s): 2.0

World Music. 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 1970 RHYTHM 'N' BLUES, ROCK AND RAP

Credit Hour(s): 3.0

Rhythm 'N' Blues, Rock and Rap. Origin and development of contemporary popular music, with a focus on rhythm 'n' blues, rock and rap music.

MUA 3059 UNIVERSITY BASKETBALL BAND

Credit Hour(s): 1.0

University Basketball Band. 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:ORIGINS,STYLES,INFLUENCE

Credit Hour(s): 3.0

Jazz: Its Origins, Styles, and Influence. 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 INTRO GUITAR: TECH, METH, STYL

Credit Hour(s): 2.0

Introduction to Guitar: Technique, Methods, and Styles. 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 AFR-AMER MUSIC

Credit Hour(s): 3.0

History of African-American Music. (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 DRAM MUS REN THRU 20TH CEN

Credit Hour(s): 3.0

Dramatic Music from the Renaissance through the Twentieth Century. 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 Hour(s): 3.0

Music, Society, and Culture. 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 Hour(s): 2.0

World Music. 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 Hour(s): 3.0

Rhythm 'N' Blues, Rock and Rap. Origin and development of contemporary popular music, with a focus on rhythm 'n' blues, rock and rap music.

MUS MUSIC

MUS 1060 WIND ENSEMBLE

Credit Hour(s): 1.0

Wind Ensemble. Study, rehearsal, and concert performance of wind literature of various periods and styles. May be repeated for credit.

MUS 1061 WIND ORCHESTRA

Credit Hour(s): 1.0

Wind Orchestra. 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.)

MUS 1062 UNIVERSITY BAND

Credit Hour(s): 1.0

University Band. Study, rehearsal, and concert performance of band repertoire representing various periods and styles. Open to music majors and non-majors. Prior playing experience and music reading ability required. May be repeated for credit. 3 credit hours. No audition required but the ability to read music and perform with proficiency on an instrument used in the ensemble is required.

MUS 1063 MARCHING BAND

Credit Hour(s): 1.0 TO 3.0

Marching Band. 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 Hour(s): 1.0

Orchestra. Study, rehearsal, and concert performance of orchestral literature of various periods and styles. May be repeated for credit.

MUS 1080 CHOR ENS: MEN'S CHORUS

Credit Hour(s): 1.0

Study, rehearsal and concert performance of men's choral literature of various periods and styles. May be repeated for credit.

MUS 1080A CHORAL ENSEMBLE: UNIV SINGERS

Credit Hour(s): 1.0

Choral Ensemble: University Singers. Study, rehearsal, and concert performance of choral literature of various periods and styles. May be repeated for credit.

MUS 1080B CHORAL ENSEMBLE: VOCAL JAZZ

Credit Hour(s): 1.0

Choral Ensemble: Vocal Jazz. Study and performance of vocal jazz ensemble repertoire.

MUS 1082 WOMEN'S CHORUS

Credit Hour(s): 1.0

Women's Chorus. Study, rehearsal, and performance of repertoire for women's chorus. Open to music majors and non-majors. (May be repeated for credit.)

MUS 1090 JAZZ BAND

Credit Hour(s): 1.0

Jazz Band. Prerequisites: Audition and consent of instructor. Study, rehearsal, and concert performance of jazz literature of various periods and styles. May be repeated for credit.

MUS 1100 CONCERT ATTENDANCE

Credit Hour(s): 0.0

Concert Attendance.

MUS 1430 FUNDAMENTALS OF MUSIC

Credit Hour(s): 2.0

Fundamentals of Music. Prerequisite: theory placement examination. 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 Hour(s): 3.0

Theory I. Prerequisite: Mus 1430 with grade of C or higher, or a score of 70 percent on the School of Music Fundamentals Examination. Corequisite: Mus 1540 or 1550. 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 Hour(s): 3.0

Theory II. Prerequisite: Score of 90 percent or higher on the School of Music Fundamentals Examination. Corequisite: Mus 1540, 1550, or 2540. Continuing study of the materials and structure of music, including diatonic harmony, counterpoint, and form analysis.

MUS 1540 AURAL SKILLS I

Credit Hour(s): 1.0

Aural Skills I. Prerequisite: theory placement examination. Corequisite: Mus 1440. 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 Hour(s): 1.0

Aural skills II. Prerequisite: Mus 1540 with grade of C or higher. Corequisite: Mus 1440, 1450, or 2440. Study of sight singing, keyboard harmony, and ear training,

including melodic and rhythmic transcription and error detection.

MUS 1710 GROUP INSTRUC IN PIANO I

Credit Hour(s): 1.0

Group Instruction in Piano I. Prerequisite: consent of instructor. 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 INSTRUC IN PIANO II

Credit Hour(s): 1.0

Group Instruction in Piano II. Prerequisite: Mus 1710 with grade of C or higher, or consent of instructor. Continuation of skills, literature, and technique introduced in Mus 1710 at a more advanced level.

MUS 1730 GROUP INSTRUC IN VOICE I

Credit Hour(s): 2.0

Group Instruction in Voice I. Fundamentals of vocal production. Development of technique through group and solo singing.

MUS 1740 GROUP INSTRUC IN VOICE II

Credit Hour(s): 2.0

Group Instruction in Voice II. 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 INSTR IN GUITAR I

Credit Hour(s): 2.0

Group Instruction in Guitar I. Prerequisite: consent of instructor. Beginning instruction of skills necessary to play the guitar.

MUS 1760 GROUP INSTRUC GUITAR II

Credit Hour(s): 2.0

Group Instruction in Guitar II. Prerequisite: Mus 1750 with grade of C or higher, or consent of instructor. A continuation of guitar methods and instruction.

MUS 2010 MUSIC BUS FOR JAZZ MUS

Credit Hour(s): 1.0

The Music Business for Jazz Musicians. 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 & MUSIC FOR EARLY CHILDHOO

Credit Hour(s): 3.0

Art and Music for Early Childhood. 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 Hour(s): 3.0

Theory III. Prerequisite: Mus 1450 with grade of C or higher. Corequisite: Mus 1550, 2540, or 2550. 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 Hour(s): 3.0

Theory IV. Prerequisite: Mus 2440 with grade of C or higher. Corequisite: Mus 2540 or 2550. 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 Hour(s): 2.0

Basic Conducting. Prerequisites: Mus 1450 and 1550 with grades of C or higher, or consent of instructor. Introduction to beat patterns, baton technique, score reading, and rehearsal techniques.

MUS 2540 AURAL SKILLS III

Credit Hour(s): 1.0

Aural Skills III. Prerequisite: Mus 1550 with grade of C or higher. Corequisite: Mus 1450, 2440, or 2450. Continuation of the two-year aural skills sequence. Introduction to chromatic materials and increasingly complex rhythms and meters.

MUS 2550 AURAL SKILLS IV

Credit Hour(s): 1.0

Aural Skills IV. Prerequisite: Mus 2450 with grade of C or higher, or consent of instructor. Corequisite: Mus 2440 or 2450. Completion of the two-year aural skills sequence. Further study of chromatic materials; twentieth-century melody and harmony.

MUS 2710 GROUP INST PIANO III

Credit Hour(s): 1.0

Group Instruction in Piano III. Continuation of skills, literature, and technique from Mus 1720.

MUS 2720 GROUP INSTRUC IN PIANO IV

Credit Hour(s): 1.0

Group Instruction in Piano IV. Prerequisite: Mus 2710 with grade of C or higher, or consent of instructor. Continuation of skills, literature, and technique introduced in Mus 2710.

MUS 2780 BEGINNING JAZZ IMPROV I

Credit Hour(s): 1.0

Beginning Jazz Improvisation I. Prerequisites: Mus 1440 and 1540 with grade of C or higher, or consent of instructor. Topics include jazz nomenclature, chord and scale construction, ear training improvisation in major and dorian modes.

MUS 2790 BEGINNING JAZZ IMPROV II

Credit Hour(s): 1.0

Beginning Jazz Improvisation II. Prerequisite: Mus 2780 with grade of C or higher, or consent of instructor. 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 Hour(s): 0.0

Recital I. Prerequisites: Must be admitted to applied music study at the 3000 level. Half-hour public recital.

MUS 3010 BASIC IMPROVISATION

Credit Hour(s): 1.0

Basic Improvisation. Prerequisites: Mus 2440 and 2540 with grades of C or higher, or consent of instructor. Introduction to improvisation, from chord-scale techniques to nonharmonic-based improvisation.

MUS 3050 NEW MUSIC ENSEMBLE

Credit Hour(s): 1.0

New Music Ensemble. Prerequisite: audition or consent of instructor. 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 Hour(s): 1.0

Wind Ensemble. Study, rehearsal, and concert performance of wind literature of various periods and styles. May be repeated for credit.

MUS 3061 WIND ORCHESTRA

Credit Hour(s): 1.0

Wind Orchestra. 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.)

MUS 3062 UNIVERSITY BAND

Credit Hour(s): 1.0

University Band. Study, rehearsal, and concert performance of band repertoire representing various periods and styles. Open to music majors and non-majors. Prior playing experience and music reading ability required. May be repeated for credit. No audition required but the ability to read music and perform with proficiency on an instrument used in the ensemble is required.

MUS 3063 MARCHING BAND

Credit Hour(s): 1.0 TO 3.0

Marching Band. 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 Hour(s): 1.0

Orchestra. Study, rehearsal, and concert performance of orchestral literature of various periods and styles. May be repeated for credit.

MUS 3071 COLLABORATIVE PIANO

Credit Hour(s): 1.0

Collaborative Piano. 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 CHOR ENS: MEN'S CHORUS

Credit Hour(s): 1.0

Study, rehearsal and concert performance of men's choral literature of various periods and styles. May be repeated for credit.

MUS 3080A CHORAL ENSEMBLE: UNIV SINGERS

Credit Hour(s): 1.0

Choral Ensemble: University Singers. Study, rehearsal, and concert performance of choral literature of various periods and styles. May be repeated for credit.

MUS 3080B CHORAL ENSEMBLE: VOCAL JAZZ

Credit Hour(s): 1.0

Choral Ensemble: Vocal Jazz. Study and performance of vocal jazz ensemble repertoire.

MUS 3082 WOMEN'S CHORUS

Credit Hour(s): 1.0

Women's Chorus. Study, rehearsal, and performance of repertoire for women's chorus. Open to music majors and non-majors. (May be repeated for credit.)

MUS 3090 JAZZ BAND

Credit Hour(s): 1.0

Jazz Band. Study, rehearsal, and concert performance of jazz literature of various periods and styles. May be repeated for credit.

MUS 3100 OPERA WORKSHOP

Credit Hour(s): 1.0 TO 3.0

Opera Workshop. Prerequisite: consent of instructor. Basic techniques in acting and technical aspects of theatre that are utilized in the performance of an opera scene.

MUS 3105 ACTING FOR SINGERS

Credit Hour(s): 2.0

Acting for Singers. 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 Hour(s): 0.5

Brass Ensemble. Prerequisite: consent of instructor. Performance of chamber music for brass 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 3120 CHAMBER MUSIC FOR STRINGS

Credit Hour(s): 0.5

Chamber Music for Strings. Prerequisite: consent of instructor. 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 WOODWINDS

Credit Hour(s): 0.5

Chamber Music for Woodwinds. Prerequisite: consent of instructor. 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 Hour(s): 0.5

Percussion Ensemble. Prerequisite: consent of instructor. 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 Hour(s): 0.5

Guitar Ensemble. 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 Hour(s): 0.5

Jazz Combos. Prerequisites: audition and consent of instructor. 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 Hour(s): 1.0

Brass Techniques. Prerequisite: consent of instructor. Technique, literature, and notation for brass instruments. A comparative, homogeneous approach to performing on trumpet, horn, trombone, and tuba.

MUS 3240 STRING TECHNIQUES

Credit Hour(s): 1.0

String Techniques. Prerequisite: consent of instructor. Technique, literature, and notation for string instruments. A comparative, heterogeneous approach to performing on violin, viola, cello, and bass.

MUS 3250 WOODWIND TECHNIQUES

Credit Hour(s): 1.0

Woodwind Techniques. Prerequisite: consent of instructor. 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 Hour(s): 1.0

Percussion Techniques. Prerequisite: consent of instructor. Technique, literature, and notation for percussion instruments. A comparative, homogeneous approach to performing on drums, mallets, and auxiliary percussion instruments.

MUS 3310 INTRO TO MUSIC EDUCATION

Credit Hour(s): 2.0

Introduction to Music Education. Prerequisite: consent of instructor. Foundations of music teaching and learning, with emphasis on school settings. Issues and knowledge applicable to general, choral, and instrumental music education. Includes observation and field experience.

MUS 3320 GEN MUS IN EARLY CHILD

Credit Hour(s): 3.0

General Music in Early Childhood. Prerequisite: admission to music education program, or consent of instructor. 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 GEN MUS IN MID&SEC SCHOOL

Credit Hour(s): 3.0

General Music in Middle and Secondary Schools. Prerequisite: admission to music education program, or consent of instructor. 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 MUS IN SCHOOLS

Credit Hour(s): 3.0

Choral Music in the Schools. Prerequisite: admission to music education program, or consent of instructor. 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 3350 TECH CLASSROOM INSTRUMENT

Credit Hour(s): 1.0

Techniques of Classroom Instruments. Performance/teaching techniques for guitar, recorder, and other rhythmic, melodic, and harmonic classroom instruments.

MUS 3358 TEACHING BEGINNING STRINGS

Credit Hour(s): 2.0

Teaching Beginning Strings. Prerequisite: Mus 3240 with grade of C or higher and MUS 3310 with grade of B or higher; or consent of instructor. 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 BEGIN WINDS & PERC

Credit Hour(s): 2.0

Teaching Beginning Winds and Percussion. Prerequisites: Mus 3230, 3240, 3250, and 3260 with grades of C or higher; and Mus 3358 with grade of B or higher; or consent of instructor. 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 INTERMED/ADV INSTRMTNL MUSIC

Credit Hour(s): 3.0

Teaching Intermediate and Advanced Instrumental Music. Prerequisite: Mus 3359 with grade of B or higher, or consent of instructor. 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 Hour(s): 0.0

Recital II. Prerequisite: must be admitted to applied music study at the 3000 level. One-hour public recital.

MUS 4010 PERFORMANCE LABORATORY

Credit Hour(s): 0.0

Performance Laboratory. 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

Credit Hour(s): 1.0

Singing in Italian. Two lab classes per week. Developing the ability to pronounce the Italian language on sight through the study of the International Phonetic Alphabet and its application to Italian vocal literature.

MUS 4021 SINGING IN GERMAN

Credit Hour(s): 1.0

Singing in German. 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 Hour(s): 1.0

Singing in French. 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 Hour(s): 1.0

Singing in English. 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 Hour(s): 1.0

Jazz Combo Arranging. Prerequisite: Mus 2400 with grade of C or higher, or consent or instructor. Concepts of arranging for small jazz group, jazz instrumentation, and nomenclature; concepts in jazz theory.

MUS 4110 INSTRUMENTN AND ORCHESTRN

Credit Hour(s): 3.0

Instrumentation and Orchestration. Prerequisites: Mus 2450 and Mus 2550 with grades of C or higher, or equivalent, or consent of instructor. 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 Hour(s): 1.0

Arranging for Chorus. Prerequisite: Mus 2450 with grade of C or higher, or consent of instructor. Arranging for large and small vocal ensembles with and without accompaniment.

MUS 4170 ARR FOR LARGE JAZZ ENS

Credit Hour(s): 1.0

Arranging for the Large Jazz Ensemble. Prerequisite: Mus 4100 with grade of C or higher, or consent of instructor. Contemporary arranging techniques for rhythm section and two, three, and four wind instruments.

MUS 4180 DEV RHYTHMIC SENSITIVITY

Credit Hour(s): 1.0

Developing Rhythmic Sensitivity. Prerequisites: Mus 2450 and 2550 with grades of C or higher. Practical applications of concepts necessary to perform, teach, notate, and take dictation of beginning, intermediate, and advanced rhythmic patterns.

MUS 4210 COMPOSITION SEMINAR

Credit Hour(s): 2.0

Composition Seminar. Prerequisites: Mus 1440 and Mus 1540 with grades of C or higher, or equivalent, or consent of instructor. 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 Hour(s): 2.0

Jazz Ensemble Techniques. 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 EDUC

Credit Hour(s): 3.0

Music in Special Education. 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 Hour(s): 3.0

Practicum in Music Education. Prerequisite: Approval of music education faculty. Part-time supervised teaching of music in school settings.

MUS 4270 STUDENT TEACH MUS

Credit Hour(s): 9.0

(TE) Student Teaching in Music. Prerequisite: Approval of music education faculty. Full-time supervised teaching of music in school settings.

MUS 4290 SR SEM MUS EDUCATION

Credit Hour(s): 3.0

(TE) Senior Seminar in Music Education. Prerequisite: Approval of music education faculty. 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 INTERSHIP IN MUSIC ED I

Credit Hour(s): 3.0

Internship in Music Education I. Prerequisite: Approval of music education faculty. Part-time supervised on-the-job music teaching internship in a school setting.

MUS 4360 ADVANCED KEYBOARD SKILLS

Credit Hour(s): 2.0

Advanced Keyboard Skills. 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 Hour(s): 3.0

Piano Pedagogy I. 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 Hour(s): 3.0

Piano Pedagogy II. Prerequisite: Mus 4410 with grade of C or higher, or consent of instructor. 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 Hour(s): 2.0

Vocal Pedagogy. Principles of vocal pedagogy and development of teaching skills in applied vocal instruction.

MUS 4450 ADVANCED TONAL ANALYSIS

Credit Hour(s): 3.0

Advanced Tonal Analysis. Prerequisite: Mus 2450 with grade of C or higher, or consent of instructor. 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 POST-TONAL ANALYSIS

Credit Hour(s): 3.0

Analysis of Post-Tonal Music. Prerequisite: Mus 2450 with grade of C or higher. 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 Hour(s): 2.0

Choral Conducting. Prerequisite: Mus 2490 with grade of C or higher, or consent of instructor. 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 Hour(s): 2.0

Instrumental Conducting. Prerequisites: Mus 2450 and 2490 with grades of C or higher, or consent of instructor. Advanced baton techniques, score reading and interpretation, and rehearsal procedures for instrumental conductors.

MUS 4500 HISTORICAL COUNTERPOINT

Credit Hour(s): 3.0

Historical Counterpoint. Prerequisite: Mus 2450 with grade of C or higher, or consent of instructor. 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 Hour(s): 1.0

Accompanying. Prerequisite: Keyboard proficiency. Developing musical sensitivity at the keyboard to enhance the performance of vocalists or instrumentalists. May be repeated for credit.

MUS 4610 PIANO LITERATURE

Credit Hour(s): 3.0

Piano Literature. Prerequisite: consent of instructor. 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 Hour(s): 3.0

Vocal Literature. Prerequisite: consent of instructor. The art song and concert aria from Mozart to the present.

MUS 4640 CHORAL LITERATURE

Credit Hour(s): 3.0

Choral Literature. Prerequisite: Mus 2450 with grade of C or higher, or consent of instructor. Literature for large and small vocal ensembles, including madrigals, masses, motets; 1500 to the present.

MUS 4660 DRAMATIC MUSIC

Credit Hour(s): 3.0

Dramatic Music. Prerequisite: Mus 1450 with grade of C or higher, or consent of instructor. History of dramatic music, principally opera and larger sacred works, from 1600 to the present.

MUS 4700 SEM IN MUS HIST AND LIT

Credit Hour(s): 3.0

Seminar in Music History and Literature. Prerequisite: consent of instructor. Selected topics in the history and literature of music.

MUS 4730 COMPUTER APPLIC IN MUSIC

Credit Hour(s): 2.0

Computer Applications in Music. 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 INSTRCT IN JAZZ KEYBOARD

Credit Hour(s): 1.0

Group Instruction in Jazz Keyboard. Prerequisite: Mus 2720 with grade of C or higher, or consent of instructor. 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 ADV KEYBOARD HARMONY

Credit Hour(s): 1.0

Advanced Keyboard Harmony. 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 Hour(s): 1.0

Advanced Aural Skills. Prerequisite: Mus 2550 with grade of C or higher, or consent of instructor. Two lecture hours a week. Continued development of aural skills, with particular emphasis on aural analysis and the transcription of chromatic music.

MUS 4790 ADV JAZZ IMPROV I

Credit Hour(s): 1.0

Advanced Jazz Improvisation I. Prerequisite: Mus 2780 with grade of C or higher, or consent of instructor. Jazz improvisation including compositional techniques, altered dominant scales, minor ii-v7s, ballad interpretation, memorization, and chord substitutions.

MUS 4791 ADV JAZZ IMPROV II.

Credit Hour(s): 1.0

Advanced Jazz Improvisation II. Prerequisite: Mus 4790 with grade of C or higher, or consent of instructor. 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 Hour(s): 2.0

Jazz Theory. Prerequisite: Mus 2450 with grade of C or higher, or equivalent, or consent of instructor. Major and minor scale harmony; modulation, minor key analysis, dominants, reharmonization, and modal interchange.

MUS 4800 MUS HIST ANTIQ THRU BAROQ

Credit Hour(s): 3.0

Music History from Antiquity through the Baroque Period. Prerequisite: Mus 1450 with grade of C or higher, or consent of instructor. An investigation of western art music from the late Christian era through 1740.

MUS 4810 MUS HIST: CLASS TO PRES-CTW

Credit Hour(s): 3.0

Music History from the Classical Period to the Present-CTW. Prerequisite: Mus 1450 with grade of C or higher, or consent of instructor. 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 Hour(s): 3.0

World Music-CTW. 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 IN MUSIC ED II

Credit Hour(s): 9.0

Internship Music Education II. Prerequisite: Approval of music education faculty. Full-time, supervised on-the-job music teaching internship in a school setting.

MUS 4850 JAZZ STYLES

Credit Hour(s): 2.0

Jazz Styles. Prerequisites: Mus 2450 and 2780 with grades of C or higher, or equivalent, or consent of instructor. 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 Hour(s): 1.0 TO 3.0

Selected Topics. Prerequisite: consent of instructor. Discussion and readings on selected topics.

MUS 4910 CHAMBER LITERATURE

Credit Hour(s): 3.0

Chamber Literature. Prerequisite: Mus 2450 with grade of C or higher, or consent of instructor. Literature for small string and wind chamber ensemble.

MUS 4940 ORCHESTRAL LITERATURE

Credit Hour(s): 3.0

Orchestral Literature. Prerequisite: Mus 2450 with grade of C or higher, or consent of instructor. Orchestral literature from 1700 to the present.

MUS 4981 COMPUTER MUSIC

Credit Hour(s): 3.0

Computer Music. Prerequisite: Mus 4730 with grade of C or higher, or consent of instructor. 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 ADV TPCS COMPUTER MUSIC

Credit Hour(s): 3.0

Advanced Topics in Computer Music. Prerequisite: Mus 4981 with grade of C or higher, or consent of instructor. 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 Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

NSCI NATURAL SCIENCES

NSCI 3001 INTEG SCI I: PHYS SCI

Credit Hour(s): 4.0

Integrated Science I: Physics and Astronomy. 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 INTEG SCI II: EARTH SCI

Credit Hour(s): 4.0

Integrated Science II: Chemistry and Geology. 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 INTEG SCI III: LIFE SCI

Credit Hour(s): 4.0

Integrated Science III: Geology and Biology. 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.

NURS NURSING

NURS 2010 HLTH & HUM LIFESPAN DEVEL

Credit Hour(s): 3.0

Health and Human Development Across the Lifespan. This course focuses on development and health concepts across the lifespan with the context of physical, cognitive, social, and emotional domains.

NURS 2040 CONCPT FOUND NURS & TREND

Credit Hour(s): 1.0

Conceptual Foundations of Nursing and Trends. Prerequisite: acceptance into the nursing program. This course introduces the student to the profession of nursing through an exploration of nursing history, philosophy, ethics, professionalism, legal aspects and regulatory matters, nursing education and licensure, and current trends in nursing and health care as a whole. The course exposes students to resources available to assist them in being successful in their nursing education.

NURS 2060 PATHOPHYSIOLOGY

Credit Hour(s): 3.0

Pathophysiology. Prerequisites: Biol 1110K and 1120K, two semesters of a general lab science, Biol 2300/2310 and acceptance into the nursing program. Corequisite: NURS 2040. The course is designed to facilitate the student's understanding of selected pathophysiological concepts and the body/mind response to associated disease and injury.

NURS 2061 PHARMACOLOGY

Credit Hour(s): 3.0

Pharmacology. Prerequisites: Biol 1110K and 1120K, two semesters of a general lab science, Biol 2300/2310 and acceptance into the nursing program. Corequisites: NURS 2040, NURS 2060. The course is designed to introduce the student to the basic principles of pharmacology in order to safely administer medications and educate clients in all clinical areas.

NURS 2080 CONCEPTS OF NURSING CARE-CTW

Credit Hour(s): 3.0

Basic Concepts of Nursing Care. Prerequisite: Acceptance into the nursing program. Corequisites: NURS 2040, 2060, 2061 and 2160. This course is designed to explore the basic concepts of nursing care across the life span in various settings. This course will explore the nurse's role in promotion of wellness, prevention of diseases and restoration of health. Students will utilize the nursing process to plan care for common clinical phenomena. An

additional component of the course is mastery of medical terminology. Serves as one of the two Critical Thinking through Writing (CTW) courses required of all Nursing majors.

NURS 2160 BASIC HLTH ASSMNT & NUR SKILLS

Credit Hour(s): 6.0

Basic Health Assessment and Nursing Skills. Prerequisites: acceptance into the nursing program. Co-requisites: NURS 2040, 2060, 2061, 2080 and HHS 3000. Four lecture hours and six laboratory hours a week. The course is designed to facilitate the student's acquisition of both health assessment and basic nursing skills. It is composed of three distinct components: health assessment theoretical content, basic skills theoretical content, and laboratory/clinical performance. In order to pass the course students must pass all three components. An additional component of the course is mastery of basic drug calculations.

NURS 2220 ASSESS SKILL VERIFICATION

Credit Hour(s): 1.0 TO 3.0

Verification of Nursing Knowledge and Nursing and Health Assessment Skills. Prerequisite: NURS 2160 or equivalent. 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 3010 HLTH & HUM LIFESPAN DEVEL

Credit Hour(s): 3.0

Health and Human Development Across the Lifespan. FOR RN-BS STUDENTS. This course focuses on the development and health concepts across the lifespan with the context of physical, cognitive, social and emotional domains.

NURS 3300 Policy, Planning and Trends

Credit Hour(s): 3.0

Human Services Policy, Planning and Trends. Prerequisites: NURS 2040, 2060, 2061, 2080 and 2160. 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 3500 RESEARCH METHODS

Credit Hour(s): 3.0

Research Methods. This course is designed to provide students with an overview of the major research concepts as applied to the profession of nursing. Emphasis is on how to critically evaluate published and empirical research.

NURS 3510 CARING FOR ADULT POPULATIONS

Credit Hour(s): 5.0

Caring for Adult Populations. Prerequisites: Nurs 2010, 2040, 2060, 2061, 2080, 2160, and HHS 3000. Corequisite: NUTR 3200. 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 3610 CARING FOR CHLDBEARNG FAMILIES

Credit Hour(s): 5.0

Caring for Childbearing Families Prerequisites: Nurs 2010, 2040, 2060, 2061, 2080, 2160 3510, 3810 and HHS 3000. Corequisite: NURS 3500. The course focuses on the nursing knowledge to care for childbearing families with the goal of assisting them in the promotion, maintenance, and restoration of optimal patterns of health. Attention is given to early detection and intervention of altered health patterns during the childbearing period. Women's health issues will be discussed. Under faculty supervision, the student develops and refines professional practice.

NURS 3710 CARING FOR CHLDRN & ADOLSCNTS

Credit Hour(s): 5.0

Caring for Children and Adolescents. Prerequisites: Nurs 2010, 2040, 2060, 2061, 2080, 2160, 3510, 3810, and HHS 3000. Corequisite: NURS 3500. The focus of the course is on the nursing knowledge and application of the skill needed to care for children and their families with the goal of assisting them in the promotion, maintenance, or restoration of optimal patterns of health. Under faculty supervision, the student develops and refines professional practice.

NURS 3810 PSYC/MNTL HLTH FOR POPULATIONS

Credit Hour(s): 5.0

Psychiatric/Mental Health Care for Populations. Prerequisites: Nurs 2010, 2040, 2060, 2061, 2080, 2160, HHS 3000 and PSYC 3140. Corequisite: NUTR 3200. The course focuses on the student's application of nursing knowledge to the care of individuals whose dysfunctional 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. In the clinical component of the course, the student assumes the role of the professional nurse in psychiatric settings under the supervision of clinical faculty. The major focus of the

clinical component is on developing the student's ability to care for individuals whose dysfunctional health patterns are associated with mental illness.

NURS 3980 HEALTH ASSESSMENT

Credit Hour(s): 2.0

Health Assessment. Prerequisite: acceptance into the RN-BS program. One hour lecture and three hours lab per week. The course is designed for registered nurse undergraduate students to familiarize themselves with the skills involved in the process of health assessment.

NURS 4040 DIRECTED READINGS

Credit Hour(s): 1.0 TO 3.0

Directed Readings. Prerequisite: consent of instructor. 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 INTRO TO CRITICAL CARE

Credit Hour(s): 3.0

Introduction to Critical Care. Prerequisites: Nurs 3510 and 3810. Corequisites: NURS 3610 and 3710. The course focuses on obtaining beginning nursing skills in caring for critically ill patients and families. An emphasis is placed on the day-to-day information required of a critical care nurse, such as pathophysiology, pharmacology technology, and nursing interventions that are based on these data.

NURS 4490 BACC NURS PERSPECTIVE RN

Credit Hour(s): 3.0

Baccalaureate Nursing Perspective for Registered Nurses. Prerequisite: acceptance into the RN-BS program. This course provides the RN student with an introduction to the scientific and theoretical bases for professional nursing. The philosophical, historical and current influences on nursing as an applied science are examined. Theories regarding roles, change, teaching and learning, group processes, critical thinking, and cultural competence are discussed. Expanded settings for practice are exposed.

NURS 4510 CARING FOR FAM & COMMUNITIES

Credit Hour(s): 6.0

Caring for Families and Communities Prerequisites: 3510, 3610, 3710, 3810 for undergraduate generic students. NURS 3980 and 4490 for RN-BS students. Co-requisites: NIURS 3300, 3500. This course focuses on the acquisition and application of nursing knowledge needed to care for communities as clients with the goal of assisting families, aggregates and communities in the promotion, maintenance and restoration of optimal patterns of health. This course will have a theory component which will be graded and will be assigned 4 credit hours and a clinical practicum component which will be 12 hours per week for seven weeks in a clinical agency and will be pass/fail for 2 credit hours. Both components have to be passed to pass the course. The total credit hours for this course is 6 credits and the grade assigned to the theory portion will be the final grade for the 6 hours.

NURS 4600 LDRSHP & MGT IN NURSING-CTW

Credit Hour(s): 3.0

Leadership and Management in Nursing Prerequisites: Nurs 3500, 3510, 3610, 3710 and 3810. For RN-BS students: NURS 3980, 4490 and 3500. The course focuses on the 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 4610 SENIOR PRACTICUM

Credit Hour(s): 4.0

Senior Practicum. Prerequisite: NURS 3510, 3610, 3710, 3810 and 3500. Prerequisites for RN-BS students: NURS 3980, 4490, and 3500. Corequisites: NURS 4510, 4600, 4620. 150 clinical hours over the semester. The course focuses on transition to professional practice. Under supervision, the student assumes the role of professional nurse. Nursing care of clients experiencing complex health care problems is emphasized. The specialty area for the practicum is selected with input from the student, faculty and the clinical agency.

NURS 4620 CMPLX LIFESPAN HLTH CARE PROBS

Credit Hour(s): 3.0

Complex Health Care Problems Across the Lifespan. Prerequisites: NURS 3510, 3610, 3710, 3810 and 3500. Prerequisites for RN-BS students: NURS 3980, 4490, HHS 3500. Corequisites: NURS 4510, 4600, and 4610. This course focuses on complex health care problems across the lifespan. The nurse's role in development, initiation and evaluation of care is studied.

NUTR NUTRITION

NUTR 3000 INTRO TO NUTRITION PROF

Credit Hour(s): 2.0

Introduction to the Profession of Nutrition. Prerequisites: Consent of instructor. Through class discussion, visits from practitioners, and faculty lectures, students are introduced to portfolios and to present and projected roles of dietitians and nutritionists and to portfolios.

NUTR 3010 INTRODUCTION TO RESEARCH-CTW

Credit Hour(s): 3.0

Introduction to Research. Prerequisite: Junior standing or consent of instructor. 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 Hour(s): 3.0

Nutrition and Health. 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 Hour(s): 3.0

Food Science I. Prerequisites: Chem 1152K, Nutr 3100. 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 Hour(s): 4.0

Food Science II. Prerequisites: Nutr 3150. 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 & SANITATION

Credit Hour(s): 3.0

Food Safety and Sanitation. Prerequisite: Nutr 3150 or consent of instructor. 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 INTRO TO CLIN NUTRITION

Credit Hour(s): 2.0

Introduction to Clinical Nutrition. Prerequisites: Biol 1110, 1120. 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 NTR & HLTH FOR HLTH PROFESSION

Credit Hour(s): 3.0

Nutrition and Health for Health Professionals Prerequisites: Biol 1110, 1120. 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 Hour(s): 3.0

Nutrition and Metabolism. Prerequisite: HHS 3700. 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 LIFE CYCLE NUTRITION

Credit Hour(s): 3.0

Normal Nutrition through the Life Cycle. Prerequisites: Nutr 3100 or consent of the instructor. 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 MED BIOCHEM PRINCIPLES

Credit Hour(s): 3.0

Medical Biochemistry Principles. Medical Biochemistry Principles. Prerequisites: Biol 1120 and Chem 1152. 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 Hour(s): 3.0

International Nutrition Prerequisite: Permission of Instructor 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 LAB VALUES

Credit Hour(s): 3.0

Interpretation of Clinical Laboratory Values for Health Professionals Prerequisites: Inorganic chemistry with lab, organic chemistry with lab, AND EITHER human physiology OR biochemistry. 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 Hour(s): 3.0

Food and Culture. Prerequisites: Nutr 3100 or consent of instructor. 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.

NUTR 4105 GERIATRIC NUTRITION

Credit Hour(s): 3.0

Geriatric Nutrition. Prerequisite: Biol 1110K & 1120K or Biol 2107K & 2108K, Nutr 3500. 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 MED NUTRITION THERAPY I

Credit Hour(s): 3.0

Medical Nutrition Therapy I. Prerequisites: Nutr 3500. 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 MED NUTRITION THERAPY II

Credit Hour(s): 3.0

Medical Nutrition Therapy II. Prerequisite: Nutr 4200. 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 Hour(s): 3.0

Nutrition Intervention I. Prerequisites: Nutr 3500. 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 Hour(s): 3.0

Nutrition Intervention II. Prerequisites: Nutr 4300. 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 ORG & MGT OF NUTR SVCS

Credit Hour(s): 3.0

Organization and Management of Nutrition Services. Prerequisite: Nutr 3500. 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 Hour(s): 3.0

Food Service Systems. Prerequisite: Nutr 4500. 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- CTW

Credit Hour(s): 3.0

Senior Seminar. Prerequisite: Nutr 4200. 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 4960 NUTRI & PHYSICAL FITNESS

Credit Hour(s): 3.0

Nutrition and Physical Fitness. Prerequisites: Consent of instructor. 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 Hour(s): 3.0

Nutrition and the Media. Prerequisites: Nutr 3100 and Spch 1000 or consent of instructor. 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 4990 ENTREPRENEURIAL NUTRITION

Credit Hour(s): 3.0

Entrepreneurial Nutrition. Prerequisite: NUTR 3100 or consent of instructor. Students learn successful techniques of entrepreneurship in dietetics and formulate business plans for development of private practice in dietetics.

NUTR 4999 NUTRITION PROJECT

Credit Hour(s): 1.0 TO 6.0

Nutrition Project. Prerequisites: Consent of instructor. This course includes supervised independent study in an area of special interest to the student.

PERS PERSPECTIVES

PERS 2001 PERSPECTIV:COMPARATIVE CULTURE

Credit Hour(s): 2.0

Perspectives on Comparative Culture. 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 SCIEN PERSP ON GLOBAL PROBLEMS

Credit Hour(s): 2.0

Scientific Perspectives on Global Problems. 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.

PFP PERSONAL FINANCIAL PLANNING

PFP 4000 PERSONAL FIN PLANNING

Credit Hour(s): 3.0

Personal Financial Planning. Prerequisite: Fi 3300 or consent of instructor. CSP: 1, 2, 6, 7. Requires a 2.5 GSU GPA and 45 semester hours. 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 DIR READ IN PERSONAL FIN PLAN

Credit Hour(s): 1.0 TO 3.0

Directed Readings in Personal Financial Planning. Prerequisite: consent of instructor.

PHIL PHILOSOPHY

PHIL 1010 CRITICAL THINKING

Credit Hour(s): 2.0

Critical Thinking. Development of practical, logical, and problem-solving skills important to all disciplines, with emphasis on the composition of argumentative essays. Definitions, types of meanings, fallacious and deceptive arguments, deductive and inductive reasoning. Introduction to major forms of scientific and logical reasoning used across humanities, sciences and social sciences, including deductive, hypothetico-deductive, and inductive arguments such as statistical, causal, and analogical. This course may be used as one of the courses required in Area B, Institutional Options, 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 Hour(s): 3.0

Introduction to Philosophy. This course is an introduction to philosophy. 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 2050 PHILOSOPHICAL THINKING

Credit Hour(s): 3.0

Philosophical Thinking. Philosophical methods, concepts, skills, and principles. For example: sentential logic, regress and reductio arguments, paradigm-case arguments, types of supervenience, Leibniz's Law, necessity versus apriority. Applications to important philosophical texts. (Required for philosophy majors in Area F.)

PHIL 3000 INTRO SEM IN PHILOSOPHY-CTW

Credit Hour(s): 3.0

Introductory Seminar in Philosophy-CTW. Prerequisite: Phil 2010 with grade of C or higher. 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 HIST-W PHIL I-ANCIENT&MEDIEVAL

Credit Hour(s): 3.0

History of Western Philosophy I: Ancient and Medieval. (Same as RelS 3010.) Development of European philosophy from the early Greeks to the Renaissance. Typically included are Socrates, Plato, Aristotle, St. Augustine, and St. Thomas Aquinas.

PHIL 3020 HISTORY-WESTRN PHIL II: MODERN

Credit Hour(s): 3.0

History of Western Philosophy II: Modern. (Same as RelsS 3020.) Development of European philosophy from the Renaissance to the Enlightenment. Typically included are Hobbes, Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, and Kant.

PHIL 3030 HIST-W PHIL III-19-20TH CENTRY

Credit Hour(s): 3.0

History of Western Philosophy III: 19th-20th Century. (Same as RelS 3030.) Development of European and American philosophy from the Enlightenment to the mid-twentieth century. Philosophers and schools may include Hegel, Marx, Mill, Nietzsche, Russell, James, Dewey, Sartre, Whitehead, and Wittgenstein, and idealism, pragmatism, process thought, existentialism, and analytic philosophy.

PHIL 3050 ANALYTIC PHILOSOPHY

Credit Hour(s): 3.0

Analytic Philosophy. 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 Hour(s): 3.0

Existentialism. Introduction to existentialism through selected literary and philosophical writings of Kierkegaard, Nietzsche, Camus, de Beauvoir, Sartre, and others.

PHIL 3230 PHILOSOPHY OF RELIGION

Credit Hour(s): 3.0

Philosophy of Religion. (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 Hour(s): 1.0 TO 3.0

Honors Readings. Prerequisite: consent of the instructor and Honors Program director. Discussion and readings on selected topics.

PHIL 3720 CONTEMPORARY MORAL PROBLEMS

Credit Hour(s): 3.0

Contemporary Moral Problems. 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 Hour(s): 3.0

Business Ethics. 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 3740 BIOMEDICAL ETHICS

Credit Hour(s): 3.0

Biomedical Ethics. An introductory survey of major moral problems in bioethics. Topics such as abortion, death and euthanasia, treatment of the mentally ill, experimentation with human subjects, and genetic research will be covered.

PHIL 3855 TOPICS IN POLITICAL THEORY

Credit Hour(s): 3.0

Topics in Political Theory. 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 if topic varies.

PHIL 3900 STUDIES IN PHILOSOPHY

Credit Hour(s): 3.0

Studies in Philosophy. Examination of selected philosopher(s) or topic(s). May be repeated if topic varies. A maximum of six credit hours may be applied toward the major.

PHIL 4010 PLATO

Credit Hour(s): 3.0

Plato. Prerequisite: one 2000 or 3000-level course in philosophy, or consent of instructor. 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 if topic varies. A maximum of six credit hours may be applied toward the major.

PHIL 4020 ARISTOTLE

Credit Hour(s): 3.0

Aristotle. Prerequisite: one 2000 or 3000-level philosophy course, or consent of instructor. 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 if topic varies. A maximum of six credit hours may be applied toward the major.

PHIL 4030 TOPICS: ANCIENT PHILOSOPHY

Credit Hour(s): 3.0

Topics in Ancient Philosophy. Prerequisite: one 2000 or 3000-level philosophy course, or consent of instructor. 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 if topic varies. A maximum of six credit hours may be applied toward the major.

PHIL 4040 AUGUSTINE & AQUINAS

Credit Hour(s): 3.0

Augustine and Aquinas. Prerequisite: one 2000 or 3000-level course in philosophy, or consent of instructor. (Same as RelS 4040. Formerly Phil 4120.) 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. May be repeated if topic varies. A maximum of six credit hours may be applied toward the major.

PHIL 4050 TOPICS: MODERN PHILOSOPHY

Credit Hour(s): 3.0

Topics in Modern Philosophy. (Formerly Phil 4150.) Prerequisite: one 2000 or 3000-level philosophy course or consent of instructor. 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 if topic varies. A maximum of six credit hours may be applied toward the major.

PHIL 4055 HUME

Credit Hour(s): 3.0

Hume. Prerequisite: one 2000 or 3000-level course in philosophy or consent of instructor. 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. A maximum of six credit hours may be applied toward the major.

PHIL 4060 KANT

Credit Hour(s): 3.0

Kant. (Formerly Phil 4160.) Prerequisite: one 2000 or 3000-level philosophy course, or consent of instructor. 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 if topic varies. A maximum of six credit hours may be applied toward the major.

PHIL 4070 MARXISM

Credit Hour(s): 3.0

Marxism. (Formerly Phil 4790.) Prerequisite: one 2000 or 3000-level philosophy course, or consent of instructor. 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 19TH CENTURY PHILOSOPHY

Credit Hour(s): 3.0

Topics in 19th Century Philosophy. Prerequisite: one 2000 or 3000-level philosophy course, or consent of instructor. Investigation of a specific theme, philosopher, or text, such as Hegel, Nietzsche, German Idealism, or the emergence of philosophy in America. May be repeated if topic varies, but only six credit hours may be applied to the major.

PHIL 4085 TOPICS HISTORY OF PHILOSOPHY

Credit Hour(s): 3.0

Topics in the History of Philosophy. Prerequisite: one 2000 or 3000-level philosophy course, or consent of instructor. 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: CONTINENTAL PHILOSPHY

Credit Hour(s): 3.0

Topics in Continental Philosophy. (Formerly Phil 4190.) Prerequisite: One 2000 or 3000-level philosophy course, or

consent of instructor. 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 Hour(s): 3.0

Topics in Analytic Philosophy. Prerequisite: one 2000 or 3000-level philosophy course, or consent of instructor. Study of works of such authors as Russell, Moore, Carnap, Putnam, Lewis, Feinberg, Hart, and Rawls.

PHIL 4100 EPISTEMOLOGY

Credit Hour(s): 3.0

Epistemology. (Formerly Phil 4190.) Prerequisite: One 2000 or 3000-level philosophy course, or consent of instructor. 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 Hour(s): 3.0

Philosophy of Science. Prerequisite: One 2000 or 3000-level philosophy course, or consent of instructor. 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 Hour(s): 3.0

Topics in Epistemology. Prerequisite: one 2000 or 3000-level philosophy course, or consent of instructor. Investigation of selected contemporary or classical topics in epistemology, May be repeated if topic varies. A maximum of six credit hours may be applied toward the major.

PHIL 4300 METAPHYSICS

Credit Hour(s): 3.0

Metaphysics. Prerequisite: One 2000 or 3000-level philosophy course, or consent of instructor. (Same as RelS 4300. Formerly Phil 4600.) 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 Hour(s): 3.0

Philosophy of Mind. Prerequisite: One 2000 or 3000-level philosophy course, or consent of instructor. 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 & COGNITIVE SCIENCE

Credit Hour(s): 3.0

Philosophy and Cognitive Science. Prerequisite: One 2000 or 3000-level philosophy course, or consent of instructor (background in the sciences is not required). 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 Hour(s): 3.0

Topics in Metaphysics. Prerequisite: One 2000 or 3000-level philosophy course, or consent of the instructor. Study of specific issues in metaphysics, such as free will, causation, time, personal identity, possible worlds, existence of God, realism, etc. May be repeated if topic varies. A maximum of six credit hours may be applied toward the major.

PHIL 4520 SYMBOLIC LOGIC

Credit Hour(s): 3.0

Symbolic Logic. Prerequisite: One 2000 or 3000-level philosophy course, or consent on instructor. Fundamentals of propositional and predicate logic, with selected topics in such areas as the logic of identity and relations. Emphasis placed on construction of proofs in formal systems.

PHIL 4530 PHILOSOPHY OF LANGUAGE

Credit Hour(s): 3.0

Philosophy of Language. (Formerly Phil 4400.) Prerequisite: One 2000 or 3000-level philosophy course, or consent of instructor. 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 4610 HINDUISM

Credit Hour(s): 3.0

Hinduism. (Same as RelS 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.

PHIL 4615 BUDDHISM

Credit Hour(s): 3.0

Buddhism. (Same as RelS 4615.) Historical introduction to the Buddhist tradition, tracing its developments in India, Southeast Asia, Tibet, China, Japan, and the West.

PHIL 4620 CONFUCIANISM AND TAOISM

Credit Hour(s): 3.0

Confucianism and Taoism. (Same as RelS 4620.) Historical introduction to Chinese religion and philosophy, tracing developments in Confucianism and Taoism. Some consideration given to Chinese Buddhism and popular religion.

PHIL 4625 ZEN AND SHINTO

Credit Hour(s): 3.0

Zen and Shinto. (Same as RelS 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.

PHIL 4650 RELIGION AND ETHICS

Credit Hour(s): 3.0

Religion and Ethics. (Same as RelS 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.

PHIL 4690 TOPICS PHILOSOPHY OF RELIGION

Credit Hour(s): 3.0

Topics in Philosophy of Religion. Prerequisite: One 2000 or 3000-level philosophy course, or consent of instructor. An advanced introduction to the philosophy of religion. May be repeated if topic varies, but only six credit hours may be applied to the major.

PHIL 4700 ETHICS

Credit Hour(s): 3.0

Ethics. Prerequisite: One 2000 or 3000-level philosophy course, or consent of instructor. Major Western theories, such as relativism, egoism, emotivism, utilitarianism, deontology, naturalism, intuitionism, virtue ethics, existential ethics, and feminist ethics.

PHIL 4720 ENVIRONMENTAL ETHICS

Credit Hour(s): 3.0

Environmental Ethics. Prerequisite: one 2000 or 3000-level philosophy course, or consent of instructor. A consideration of the challenges environmental problems pose for ethical theory. Topics covered may include: the moral status of nonhuman animals, environmental preservation and restoration, environmental sustainability, development, human population growth, ethics as it bears on issues in nonbiological environmental sciences, and other related issues.

PHIL 4740 ADVANCED BIOMEDICAL ETHICS

Credit Hour(s): 3.0

Advanced Biomedical Ethics. Prerequisite: one 2000 or 3000-level philosophy course, or consent of instructor. Major moral problems in science and medicine, including abortion, death and euthanasia, treatment of the mentally ill, experimentation with human subjects, and genetic research.

PHIL 4750 TOPICS IN ETHICS

Credit Hour(s): 3.0

Topics in Ethics. Prerequisite: one 2000 or 3000-level philosophy course, or consent of the instructor. 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 if topic varies. A maximum of six credit hours may be applied toward the major.

PHIL 4760 ETHICS AND CONT PUBLIC POLICY

Credit Hour(s): 3.0

Ethics and Contemporary Public Policy - Ethics Bowl. Prerequisite: Consent of instructor. Course will explore how ethical theories may illuminate current debates in public policy. Students will also prepare for “ethics bowl” competitions. Course may be repeated, but only twice toward philosophy major. 3 credit hours.

PHIL 4800 SOCIAL & POLITICAL PHILOSOPHY

Credit Hour(s): 3.0

Social and Political Philosophy. (Formerly Phil 4760.) Prerequisite: One 2000 or 3000-level philosophy course, or consent of instructor. 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 Hour(s): 3.0

Philosophy of Law. (Formerly Phil 4720.) Prerequisite: One 2000 or 3000-level philosophy course, or consent of instructor. 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 Hour(s): 3.0

Philosophy of Art. Prerequisite: One 2000 or 3000-level philosophy course, or consent of instructor. Historical and contemporary accounts of the nature of art, aesthetic experience, creative activity, imagination, expression, interpretation, and aesthetic evaluation.

PHIL 4855 ADV TOPICS POLITICAL THEORY

Credit Hour(s): 3.0

Advanced Topics in Political Theory. Prerequisite: One 2000 or 3000-level philosophy course, or consent of instructor. 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 if topic varies.

PHIL 4860 PHIL PERSPECTIVES ON WOMEN

Credit Hour(s): 3.0

Philosophical Perspectives on Women. (Same as WSt 4360, Formerly Phil 4770.) Prerequisite: One 2000 or 3000-level philosophy course, or consent of instructor. 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 Hour(s): 1.0 TO 6.0

Honors Thesis: Research. Prerequisites: consent of the instructor and Honors Program director. (Formerly Phil 4770.) Readings or research preparatory to honors thesis or project.

PHIL 4880 HONORS THESIS: WRITING

Credit Hour(s): 1.0 TO 6.0

Honors Thesis: Writing. Prerequisites: Phil 4870, consent of the instructor and Honors Program driector. Writing or production of honors thesis or project.

PHIL 4890 TOPICS SOCIAL & POLITICAL PHIL

Credit Hour(s): 3.0

Topics in Social and Political Philosophy. Prerequisite: One 2000 or 3000-level philosophy course, or consent of the instructor. 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 if topic varies. A maximum of six credit hours may be applied toward the major.

PHIL 4900 ISSUES IN PHILOSOPHY

Credit Hour(s): 3.0

Issues in Philosophy. Prerequisite: One 2000 or 3000-level philosophy course, or consent of instructor. Examination of selected philosopher(s) or topic(s). May be repeated if topic varies, but only six credit hours may be applied to the major.

PHIL 4950 INDEPENDENT RESEARCH

Credit Hour(s): 1.0 TO 3.0

Independent Research. Prerequisite: consent of instructor. 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 if topic varies.

PHIL 4980 SUPPLEMENT INSTRUCTION PHILO

Credit Hour(s): 3.0

Supplemental Instruction in Philosophy. This course focuses on helping students who have successfully completed PHIL 2010 become successful Supplemental Instruction ("SI") Leaders for that course. The course is open only by authorization. While taking this course, the student will be assigned to be a Supplemental Instruction Leader for a Phil 2010 class.

PHIL 4985 PRACTICUM INSTRUCTION PHILO

Credit Hour(s): 1.0

Practicum Instruction in Philosophy. Prerequisite: This course is only open to students who have taken Phil 4980 and done well in that course and as a Supplemental Instruction Leader. The course focuses on improving the student's skills as Supplemental Instructions ("SI") leaders. This is a 1 credit course, open only by authorization, and does not count towards the requirements of the degree in philosophy. While taking this course, the student will be assigned to be a Supplemental Instruction Leader for a Phil 2010 class. May be repeated.

PHIL 4990 SENIOR SEM IN PHILOSOPHY-CTW

Credit Hour(s): 3.0

Senior Seminar in Philosophy-CTW. Prerequisites: senior class standing, major in philosophy, Phil 2010, Phil 2050 or 3000, Phil 3010, 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. This course is the capstone to the major in philosophy. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all philosophy majors.

PHIL 4995 DIRECTED READINGS B.I.S.-CTW

Credit Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. 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 PHOTOGRAPHY I

Credit Hour(s): 3.0

Photography I. Prerequisites: Art 1010 and 1020 with grades of C or higher. Introduction to photography within a fine arts context. Operation of the 35mm camera, black-and-white film exposure and development, silver-gelatin print processing, and archival presentation. Lab Fee: $125.00.

PHOT 3010 PHOTOGRAPHY II

Credit Hour(s): 3.0

Photography II. Prerequisite: Phot 3000 with grade of C or higher. Intermediate-level course emphasizing technical competency and alternative ways of making photographic imagery. Medium format cameras and introduction to a variety of black-and-white films and papers. Lab Fee: $125.00.

PHOT 3050 SELECTED TOPICS

Credit Hour(s): 4.0

Selected Topics. Prerequisites: Phot 3100 and one 4000-level Phot course with grades of C or higher, or consent of instructor. Exploration in photography examining philosophy of art making through intensive studio practice.

PHOT 3100 ALTERNATIVE PROCESSES

Credit Hour(s): 4.0

Alternative Processes. Prerequisite: Phot 2100 or 3010 with grade of C or higher. Printing processes include cyanotype, Van Dyke brown, Kwik Print, palladium, Liquid Light. Experimentation and independent research emphasized. Lab Fee: $125.00.

PHOT 3200 COLOR PHOTOGRAPHY

Credit Hour(s): 4.0

Color Photography. Prerequisite: Phot 2100 or 3010 with grade of C or higher. Color photography techniques and aesthetic elements of color. Negative and positive films, negative print processing. Lab Fee: $125.00.

PHOT 3300 STUDIO PHOTOGRAPHY

Credit Hour(s): 4.0

Studio Photography. Prerequisite: Phot 2100 or 3010 with grade of C or higher. Studio practice within fine arts context. Large format cameras, use of studio lighting and equipment. Lab Fee: $125.00.

PHOT 3500 DIGITAL PHOTOGRAPHY

Credit Hour(s): 4.0

Digital Photography. Prerequisite: 3010 with grade of C or higher. Introduction to computer-assisted imaging. Basic understanding of Macintosh computer operation is essential. Lab Fee: $20.00.

PHOT 3600 DIGITAL VIDEO FOR ARTISTS

Credit Hour(s): 4.0

Digital Video for Artists. Prerequisite: 3010 with grade of C or higher. 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. Lab Fee: $20.00.

PHOT 3900 SELECTED TOPICS IN PHOTOGRAPHY

Credit Hour(s): 4.0

Selected Topics in Photography. Prerequisite: consent of instructor. Special topics for studio art majors. May be repeated for a maximum of six credit hours. Lab Fee: $20.00.

PHOT 3910 HISTORY OF PHOTOGRAPHY

Credit Hour(s): 3.0

History of Photography. History of photography from early nineteenth century to present; technical and aesthetic development; influences the medium has had on art and culture.

PHOT 4500 DIRECTED STUDY IN PHOTOGRAPHY

Credit Hour(s): 3.0

Directed Study in Photography. Prerequisites: Phot 3100, 3200, 3300, 3500, and 3600 with grades of C or higher. Individual studio problems for advanced students. May be repeated for a maximum of twelve credit hours. Lab Fee: $70.00.

PHOT 4930 INTERNSHIP IN PHOTOGRAPHY

Credit Hour(s): 3.0

Internship in Photography. Prerequisite: consent of instructor. Practicum in the field outside university setting. Written proposal, contractual agreement with internship supervisor required.

PHOT 4940 PORTFOLIO I

Credit Hour(s): 3.0

Portfolio I. Prerequisite: Phot 4500 with grade of C or higher. Senior-year studio experiences for B.F.A. degree candidates. Committee review. Lab Fee: $20.00.

PHOT 4950 PORTFOLIO II-CTW

Credit Hour(s): 3.0

Portfolio II-CTW. Prerequisite: Phot 4940 with grade of C or higher, or concurrently. 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. Lab Fee: $20.00.

PHOT 4980 SPECIAL PROBLEMS

Credit Hour(s): 3.0

Special Problems. Prerequisite: consent of instructor or of School director. Independent studies initiated by the student. May be repeated for a maximum of eight credit hours if topic varies.

PHYS PHYSICS

PHYS 1000 GATEWAY TO PHYSICS

Credit Hour(s): 2.0

Gateway to Physics. 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 Hour(s): 4.0

Introductory Physics I. Three lecture and two laboratory hours a week. Mechanics, heat, and wave motion. 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 Hour(s): 4.0

Introductory Physics II. Three lecture and two laboratory hours a week. Electricity, light, modern physics. 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 PHSC: PHYSICS OF MUSIC &SPEECH

Credit Hour(s): 3.0

Physical Science: Physics of Music and Speech. 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 Hour(s): 4.0

Principles of Physics I. Prerequisite: Math 2211 with grade of D or higher. 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 geology. 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 Hour(s): 4.0

Principles of Physics II. Prerequisites: Math 2212 and Phys 2211K with grades of D or higher. 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 LAB INVESTIGATIONS

Credit Hour(s): 1.0 TO 2.0

Directed Laboratory Investigations. Prerequisite: consent of the department. 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 Hour(s): 3.0

Advanced General Physics. Prerequisites: a non-calculus elementary physics sequence such as Phys 1111K and 1112K; Math 2212 with grades of D or higher, or equivalent. 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 LAB-CTW

Credit Hour(s): 3.0

Advanced Physics Laboratory-CTW. Prerequisites: Phys 2212 and Math 2215 with grades of C or higher. Corequisite: Phys 3401. 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 Hour(s): 4.0

Modern Physics I. Prerequisites: Phys 2212K and Math 2215 with grade of C or higher. 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 Hour(s): 3.0

Modern Physics II. Prerequisite: Phys 3401 with grade of C or higher. 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 Hour(s): 3.0

Electronics. Prerequisite: Phys 2212K or Phys 1112K with grade of C or higher. 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 Hour(s): 3.0

Optics. Prerequisite: Phys 2212K with grade of C or higher. Three lecture hours a week. Fundamentals and applications of optics: diffraction, interference, lasers, fiber optics, and applications of optical instrumentation.

PHYS 3850 STATISTICAL & THERMAL PHYSICS

Credit Hour(s): 3.0

Statistical and Thermal Physics. Prerequisites: Phys 2212K and Math 2215 with grades of C or higher. 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 3901 MODERN PHYSICS LAB I

Credit Hour(s): 1.0

Modern Physics Laboratory I. Corequisite: Phys 3401. Three laboratory hours a week. Experiments in physical optics, spectroscopy, and atomic physics.

PHYS 3902 MODERN PHYSICS LAB II

Credit Hour(s): 1.0

Modern Physics Laboratory II. Corequisite: Phys 3402. Three laboratory hours a week. Experiments in atomic, nuclear, and solid-state physics.

PHYS 4030 DIGITAL INSTRUMENTATION LAB

Credit Hour(s): 1.0

Digital Instrumentation Laboratory. Prerequisite: consent of instructor. Three laboratory hours a week.

PHYS 4110 EMBEDDED SYSTEMS

Credit Hour(s): 4.0

Introduction to Embedded Systems Laboratory. Prerequisite: Phys 3500 or CSc 3210 with grade of D or higher, or equivalent course work with consent of instructor. (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 4391 INTRO TO DIFFERENTIAL GEOMETRY

Credit Hour(s): 3.0

Introduction to Differential Geometry and Its Applications. Prerequisite: Math 2215 with grade of C or higher. (Same as Math 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 equation; 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. Application to Physics.

PHYS 4410 NUCLEAR AND PARTICLE PHYSICS

Credit Hour(s): 3.0

Nuclear and Particle Physics. Prerequisite: Phys 3401 with grade of C or higher. 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 4510 MATHEMATICS OF PHYSICS I

Credit Hour(s): 3.0

Mathematics of Physics I. Prerequisite: Math 2215 with grade of C or higher. (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 Hour(s): 3.0

Mathematics of Physics II. Prerequisite: Math 3260 with grade of C or higher. (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 Hour(s): 4.0

Classical Mechanics. Prerequisites: Phys 2212K and Math 3260 with grades of C or higher, or equivalent, or consent of instructor. 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 Hour(s): 4.0

Electricity and Magnetism. Prerequisites: Phys 2212K and Math 2215 with grades of C or higher. 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 Hour(s): 3.0

Functional Neuroimaging. Prerequisite: consent of instructor. 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 4810 QUANTUM MECHANICS

Credit Hour(s): 3.0

Quantum Mechanics. Prerequisites: Phys 3401 and Math 3260 with grades of C or higher, or consent of instructor. 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 Hour(s): 3.0

Research Project-CTW. Prerequisites: Phys 3300 and Phys 3401 with grades of C or higher and permission of the instructor. 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.

PHYS 4910 SOLID STATE PHYSICS

Credit Hour(s): 3.0

Solid State Physics. Prerequisites: Phys 3401 and 3402 with grades of C or higher, or equivalent or consent of instructor. 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 ED PARTNERS

Credit Hour(s): 1.0

Elementary Science Education Partners. Prerequisites: junior or senior majoring in natural science and consent of the ESEP coordinator. Demonstrating hands-on science in the public elementary school classroom. May be repeated for a maximum of four hours.

PHYS 4950 SENIOR RESEARCH

Credit Hour(s): 1.0 TO 3.0

Senior Research. Prerequisites: Phys 3401 with a grade of C or higher. 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.

PHYS 4995 DIRECTED READINGS B.I.S.-CTW

Credit Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

PMAP PUBLIC MANAGEMENT & POLICY

PMAP 2011 INTRODUCING THE CITY

Credit Hour(s): 3.0

Introducing the City. PMAP 2011 is designed to introduce students to the study of cities and urban policy issues. 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 are people and things 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.

PMAP 3011 POLICY POLITICS AMERICAN CITY

Credit Hour(s): 3.0

Policy and Politics in the American City. 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.

PMAP 3021 CITIZEN, COM & PUB SECT

Credit Hour(s): 3.0

Citizenship, the Community, and the Public Sector-CTW. 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 affiars. The department has designated Citizenship, the Community, and the Pubic Service as a CTW (Critical Thinking through Writing) course.

PMAP 3031 POLICY LEADERSHIP

Credit Hour(s): 3.0

Policy Leadership. In the simplest terms, this course is about character in it's dictionary sense of '"moral excellence." We will be concerned with how we should behave as responsible individuals in the communities in which we live and work. That concern will not involve assertations of absolute "shoulds"--of what you or I should or should not do in specific situations-but will focus instead on stimulating thinking about what is best to do and why, both as individuals and sometimes as leaders, too. Toward that end, the course will examine several related broad topics: (1) leadership, perspectives on the nature, techniques, and exercise of leadership and its necessary companion, "followership"; (2) ethics, the pursuit of what's right and just; (3) citizenship, our rights and responsibilities in a democratic society; (4) the multisector context-private businesses, government, nonprofit agencies, and various communities-in which these topics assume meaning.

PMAP 3111 URBAN POLITICAL ECONOMY

Credit Hour(s): 3.0

Urban Political Economy. 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.

PMAP 3210 INTRODUCTION TO NONPROFITS

Credit Hour(s): 3.0

Introduction to Nonprofits. 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 DEV PUBLIC & NONPROFIT

Credit Hour(s): 3.0

Career Development in Public and Nonprofit Organizations. 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 Hour(s): 3.0

Nonprofit Financial Resources. Prerequisite: PMAP 3210. 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 & MGT

Credit Hour(s): 3.0

Nonprofit Leadership and Management. 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 Hour(s): 3.0

Critical Policy Issues-CTW. 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 Hour(s): 3.0

Contemporary Planning. 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.

PMAP 3611 INTRO HRD PUBLIC & NONPROFIT

Credit Hour(s): 3.0

Introduction to Human Resource Development (HRD) in Public and Nonprofit Organizations. This course introduces students to the human resource development (HRD) profession and its application in the public and nonprofit sectors. Issues and roles associate with the design and development of training programs, organization development (OD) interventions, and strategies for career development counseling are addressed through research findins and case studies.

PMAP 3801 PUBLIC ADMIN & POLITICS

Credit Hour(s): 3.0

Public Administration and Politics. 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 Hour(s): 3.0

Governmental Budgeting. (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 Hour(s): 3.0

Policy Data Analysis. 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 Hour(s): 3.0

Evaluating Public Policy-CTW. 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 INTRO TO POLICY ANALYSIS

Credit Hour(s): 3.0

Introduction to Policy Analysis. Prerequisites: Econ 2105 and Econ 2106. 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 ISSUES PERS MGT PUBLIC/NONPROF

Credit Hour(s): 3.0

Issues and Problems in Personnel Management Systems for Public and Nonprofit Agencies. This course provides an introduction to personnel administration for public and nonprofit organizations with an emphasis on human capital issues and problems that challenge policy makers and managers. The course concentrates on the policy issues and problems that challenge today's human resources specialists, managers, and supervisors. Students will study policy issues from the political, legal, and organizational perspectives. Topics covered include equal employment opportunity and the glass ceiling, affirmative action and diversity, sexual harassment law and policy, alternative approaches to pay and benefits, employee health and safety and employer liability, and adapting personnel policies to the needs of the new American workforce. Problems related to recruitment, selection, compensation, career development and training, and collective bargaining are examined, and possible solutions to these problems are evaluated. Emphasis is placed on active participation and problem solving through group case study analysis and class discussions.

PMAP 4261 ORG CONTEXTS PUB/NONPROFIT PER

Credit Hour(s): 3.0

Organizational Contexts of Public and Nonprofit Personnel Policy and Administration. This course explores concepts related to how complex public and non-profit organizations function as social-psychological and cultural settings for strategic human resource planning and development efforts. Links between cultural norms, individual and group behavior, organizational performance, and planned change social-technical systems are explored.

PMAP 4301 LOCAL GOVERNANCE

Credit Hour(s): 3.0

Local Governance. 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.

PMAP 4401 PLANNING THEORY & ANAL

Credit Hour(s): 3.0

Planning Theory and Analysis. Prerequisites: PMAP 3411. 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.

PMAP 4411 INTRO:LAW/PUBLIC/NONPROFIT MGR

Credit Hour(s): 3.0

Introduction to the Law for Public and Nonprofit Managers. 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 APP. PLAN & POL ANAL

Credit Hour(s): 3.0

GIS Application to Planning and Policy Analysis. Integrational and synthesis of geographical data with composit map overlay, databases, and computer graphics. Includes application of GIS to local government, demographics, planning, transportation, aviation, emergency management, health, social services, marketing, business, real estate, and the environment.

PMAP 4451 EC DEVELOPMENT POLICY

Credit Hour(s): 3.0

Economic Development Policy. Prerequisite: PMAP 3411. An overview of recent literature and examples of options available to communities as they plan and finance economic development activities.

PMAP 4901 DIRECTED READINGS

Credit Hour(s): 1.0 TO 6.0

Directed Readings. Prerequisites: consent or instructor. 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 Hour(s): 3.0

Selected Topics. Prerequisite: consent of instructor. 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 Hour(s): 3.0 TO 6.0

Internship. The academic internship provides 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.

PMAP 4981 PRACTICUM

Credit Hour(s): 3.0

Practicum. Prerequisite: consent of instructor and cumulative GPA of at least 3.0. This course provides supervised application of concepts in the student's work setting or an approved field practice site. It will typically entail a project encompassing one or more aspects of human resources. The course is grades S/U.

POLS POLITICAL SCIENCE

POLS 1101 AMERICAN GOVERNMENT

Credit Hour(s): 3.0

Introduction to American Government. 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 INTRO TO POLITICAL SCIENCE

Credit Hour(s): 3.0

Introduction to Political Science. A survey of the fundamental questions in the study of political science.

POLS 2401 GLOBAL ISSUES

Credit Hour(s): 3.0

Global Issues. 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 Hour(s): 3.0

State Government. Organization, powers, functions, and political processes at the state level in the United States.

POLS 3140 JUDICIAL PROCESS & COURTS

Credit Hour(s): 3.0

Judicial Process and Courts. Social and political context of judicial decisions with emphasis on Supreme Court decision-making. Relates law to public policy.

POLS 3145 INTRO TO AMERICAN LAW

Credit Hour(s): 3.0

Introduction to American Law. 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 Hour(s): 3.0

American Political Parties. The evolution, roles, and positions of political parties in the American system.

POLS 3170 AMERICAN LEGISLATIVE PROCESS

Credit Hour(s): 3.0

American Legislative Process. 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 Hour(s): 3.0

Congressional Simulation. 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 Hour(s): 3.0

Comparative Politics. Comparative analysis of major political systems.

POLS 3400 INTERNATIONAL POLITICS

Credit Hour(s): 3.0

International Politics. Concepts and theories of international politics. Covers the evolution of the contemporary international system and conflict and cooperation among nation-states.

POLS 3450 U.S. FOREIGN POLICY

Credit Hour(s): 3.0

United States Foreign Policy. 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.

POLS 3530 CLASSICAL & EARLY MOD POLT THT

Credit Hour(s): 3.0

Classical and Early Modern Political Thought. (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 Hour(s): 3.0

Modern Political Thought. (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 3550 MODERN POLITICAL IDEOLOGIES

Credit Hour(s): 3.0

Modern Political Ideologies. Major political ideologies of our times; democracy, capitalism, socialism, communism, elitism, and nationalism. Readings from original sources, both western and non-western.

POLS 3700 PUBLIC ADMIN/BUREAUCRATIC POLI

Credit Hour(s): 3.0

Public Administration and Bureaucratic Politics. (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 Hour(s): 3.0

Public Policy Analysis. Effectiveness, alternatives, and politics of governmental policies concerning areas such as social welfare, environment, education, business regulation, and defense.

POLS 3800 INTRO TO POL RESEARCH-CTW

Credit Hour(s): 3.0

Introduction to Political Research-CTW. 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 4110 POLITICAL PSYCHOLOGY

Credit Hour(s): 3.0

Political Psychology. 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 4115 URBAN POLITICS

Credit Hour(s): 3.0

Urban Politics. Impact of urban society on the structure and function of county and municipal governments. Text and reading from recent studies in community power structure and decision making, concerned with metropolitan growth, federal-local relations, and political process and problems in urban communities.

POLS 4120 SOUTHERN POLITICS

Credit Hour(s): 3.0

Southern Politics. 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 & GOVERNMENT

Credit Hour(s): 3.0

Georgia Politics and Government. An examination of state and local government in the state of Georgia.

POLS 4130 AMERICAN CONSTITUTIONAL LAW

Credit Hour(s): 3.0

American Constitutional Law. 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 & RIGHTS

Credit Hour(s): 3.0

Civil Liberties and Rights. 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 Hour(s): 3.0

Supreme Court Decision Making. Prerequisite: PolS 3800. 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 Hour(s): 3.0

Interest Group Politics. 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 Hour(s): 3.0

Voting and Elections. 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 POLIT OF CIVIL RIGHTS MOVEMENT

Credit Hour(s): 3.0

Politics of the Civil Rights Movement. (Same as AAS 4180.) Examination of the underpinnings, leadership, political strategies, and policies of the modern civil rights movement.

POLS 4158 CAMPAIGN ORGANIZATION

Credit Hour(s): 3.0

Campaign Organization and Management. A broad introduction to electoral campaign research, organization, and management.

POLS 4160 POL ATTITUDES & PUBLIC OPINION

Credit Hour(s): 3.0

Political Attitudes and Public Opinion. 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 Hour(s): 3.0

Politics and the Media. Analysis of the role of mass media in American political life.

POLS 4165 AFRICAN-AMERICAN POLITICS

Credit Hour(s): 3.0

African-American Politics. (Same as AAS 4160.) Analysis of the ideology, public opinions, and political behavior of African-Americans. African-American impact on the electoral system.

POLS 4180 AMERICAN CHIEF EXECUTIVES

Credit Hour(s): 3.0

American Chief Executives. 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 Hour(s): 3.0

Studies in American Politics. Intensive treatment of current topics in American politics and government. May be repeated if topic varies.

POLS 4205 COMPARATIVE DEMOCRATIZATION

Credit Hour(s): 3.0

Comparative Democratization. Theories and problems of emerging and transitional democracies around the world.

POLS 4210 POLITICS OF DEVELOPING NATIONS

Credit Hour(s): 3.0

Politics of Developing Countries. Prerequisite (recommended): PolS 3200. Examines rapid political, social, and economic change in developing countries.

POLS 4215 POLITICS OF PEACE

Credit Hour(s): 3.0

Politics of Peace. 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 COMPR LEGAL SYSTEMS & POLITICS

Credit Hour(s): 3.0

Comparative Legal Systems and Politics. 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 Hour(s): 3.0

Comparative Electoral Systems. Examines different election systems used in various democracies. Advantages and disadvantages of particular election systems.

POLS 4228 COMP PARTY SYSTEM DEVELOPMENT

Credit Hour(s): 3.0

Comparative Party System Development. 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 Hour(s): 3.0

African Politics. 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 Hour(s): 3.0

European Politics. 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

Credit Hour(s): 3.0

European Union: Politics, Economy, and Foreign Policy. 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 POLITICS OF RUSSIA/EAST EUROPE

Credit Hour(s): 3.0

The Politics of Russia and Eastern Europe. Prerequisite (recommended): PolS 3200 or 3400. Political, economic, and social variables explaining change and the current political structures in the region.

POLS 4250 LATIN AMERICAN POLITICS

Credit Hour(s): 3.0

Latin American Politics. 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 POLITICAL ECONOMY OF EAST ASIA

Credit Hour(s): 3.0

Politics and Political Economy of East Asia. Examines the key political institutions, economic structures, and socio-economic policies of Japan, Korea, Taiwan, Singapore, and Hong Kong.

POLS 4256 POLITICAL ECONOMY OF JAPAN

Credit Hour(s): 3.0

Politics and Political Economy of Japan. 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 4258 GOV'T & POLITICS OF SOUTH ASIA

Credit Hour(s): 3.0

Government and Politics of South Asia. (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 POL OF MIDDLE EAST/NOR. AFRICA

Credit Hour(s): 3.0

Politics of the Middle East and North Africa. 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 Hour(s): 3.0

Comparative Political Economy. Examination of the theoretical and substantive relationships between politics and economics.

POLS 4285 POL & RELIGN IN COMPAR PERSPCT

Credit Hour(s): 3.0

Politics and Religion in Comparative Perspective. Prerequisite (recommended): PolS 3200 or 3400. (Same as MES 4220.) Role of religious beliefs and institutions on political behavior.

POLS 4290 STUDIES IN COMPARATIV POLITICS

Credit Hour(s): 3.0

Studies in Comparative Politics. 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 Hour(s): 3.0

International Law. Analysis of origin, principles, enforcement, and adjudication of international law.

POLS 4421 INTERNATIONAL ORGANIZATIONS

Credit Hour(s): 3.0

International Organizations. Prerequisite (recommended): PolS 3400 or 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 Hour(s): 3.0

NGOs and World Politics. 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 Hour(s): 3.0

Middle East in World Affairs. Prerequisite (recommended): PolS 3400 or 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 4425 POL OF INTRNL CRIMINAL JUSTICE

Credit Hour(s): 3.0

Politics of International Criminal Justice. 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 4427 POL OF INTERNATNL HUMAN RIGHTS

Credit Hour(s): 3.0

Politics of International Human Rights. 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 INTERNATIONL POLITICAL ECONOMY

Credit Hour(s): 3.0

International Political Economy. Prerequisite (recommended): PolS 3400. Analyzes the politics of international economic relations.

POLS 4435 STDY IN INTRNTL POLITICAL ECON

Credit Hour(s): 3.0

Studies in International Political Economy. 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 Hour(s): 3.0

U S National Security Policy. Prerequisite (recommended): PolS 3400. Major issues in U.S. national security policy.

POLS 4470 CAUSES OF WAR

Credit Hour(s): 3.0

Causes of War. Prerequisite : PolS 3400 or 3450. Conditions affecting the prospects for war and conflict within and between nation-states.

POLS 4475 WAR AND PUBLIC OPINION

Credit Hour(s): 3.0

War and Public Opinion. Prerequisite: POLS 3400 recommended. 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 INTERNATL RELATIONS

Credit Hour(s): 3.0

Studies in International Relations. Intensive treatment of a topic in International Relations. May be taken more than once if topic varies.

POLS 4510 FEMINIST POLITICAL THEORY

Credit Hour(s): 3.0

Feminist Political Theory. 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 Hour(s): 3.0

Theories on Democracy. This course examines democracy's theoretical foundation, looking both at contemporary and classical texts.

POLS 4540 POL THEORY/ECONOMIC JUSTICE

Credit Hour(s): 3.0

The Political Theory of Economic Justice. Focuses on the proper role of government in the economy. Readings from both classical and contemporary sources about laissez-faire, mixed economy, and democratic socialism.

POLS 4550 LIBERALISM AND ITS CRITICS

Credit Hour(s): 3.0

Liberalism and Its Critics. 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 CONTEMP POLITICAL PHILOSOPHY

Credit Hour(s): 3.0

Contemporary Political Philosophy. 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-AMER POLITICAL THOUGHT

Credit Hour(s): 3.0

African-American Political Thought. (Same as AAS 4120.) Examination and critical analysis of African-American political and social ideas.

POLS 4570 AMERICAN POLITICAL THOUGHT

Credit Hour(s): 3.0

American Political Thought. Readings in the development of political ideas underlying American political institutions.

POLS 4585 POL THEORY: RACE, CLASS,GENDER

Credit Hour(s): 3.0

Theorizing the Politics of Race, Class and Gender. 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 POL THEORY

Credit Hour(s): 3.0

Studies in Western Political Theory. Analysis of a particular concept or period in political theory. May be repeated for credit if topic varies.

POLS 4770 POLITICS OF US SOCIAL WELFARE

Credit Hour(s): 3.0

The Politics of Social Welfare in the United States. Analysis of the various social welfare policies of the government and the political foundations underlying these policies.

POLS 4780 ADMINISTRATIV LAW & GOVERNMENT

Credit Hour(s): 3.0

Administrative Law and Government. 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 4870 HONORS THESIS: RESEARCH

Credit Hour(s): 3.0

Honors Thesis: Research. Prerequisites: consent of the instructor and Honors Program director. Readings or research preparatory to honors thesis or project.

POLS 4880 HONORS THESIS: WRITING

Credit Hour(s): 3.0 TO 6.0

Honors Thesis: Writing. Prerequisites: PolS 4870, consent of the instructor and Honors Program director. Writing or production of honors thesis or project.

POLS 4900 SENIOR SEMINAR-CTW

Credit Hour(s): 3.0

Senior Seminar-CTW. Prerequisite: PolS 3800 with a C or higher. 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 Hour(s): 1.0 TO 3.0

Directed Reading & Research. Special directed research. Paper required. By arrangement at student request, as approved by the department. May be repeated for credit.

POLS 4930 LEGISLATIVE INTERNSHIPS

Credit Hour(s): 3.0 TO 9.0

Legislative Internships. Prerequisite: consent of instructor. Program to combine academic training with professional experience through legislative internships. Paper required.

POLS 4935 URBAN POLITICS INTERNSHIP

Credit Hour(s): 1.0 TO 6.0

Urban Semester Internship. 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.

POLS 4940 INTERNSHIPS

Credit Hour(s): 1.0 TO 9.0

Internships. Program to combine academic training with professional experience through short-term internships.

POLS 4951 MODEL UNITED NATIONS

Credit Hour(s): 3.0

Model United Nations. Prerequisite: consent of instructor. An exercise in modeling the process and politics of the United Nations. May be repeated for credit.

POLS 4952 MODEL ARAB LEAGUE

Credit Hour(s): 3.0

Model Arab League. Prerequisite: consent of instructor. (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.

POLS 4955 MOCK TRIAL

Credit Hour(s): 3.0

Mock Trial. Prerequisite: consent of instructor. An exercise in modeling the process, analytical reasoning and theory of litigation. May be repeated for credit.

POLS 4995 DIRECTED READINGS B.I.S.-CTW

Credit Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. 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

Credit Hour(s): 3.0

Study Abroad: European Studies in Strasbourg, France. No course prerequisite. Contemporary politics and political economy of European integration. Designed specifically for those students participating in Georgia State University Study Abroad Program.

PORT PORTUGUESE

PORT 1001 ELEMENTARY PORTUGUESE I

Credit Hour(s): 3.0

Elementary Portuguese I. 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 Hour(s): 3.0

Elementary Portuguese II. Prerequisite: Port 1001 with grade of C or higher, or equivalent. 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 Hour(s): 3.0

Intermediate Portuguese I. Prerequisite: Port 1002 with grade of C or higher, or equivalent. 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 Hour(s): 3.0

Intermediate Portuguese II. Prerequisite: Port 2001 with grade of C or higher, or equivalent. Continued development of listening, speaking, reading, and writing. Vocabulary expansion; further work with grammatical structures. Not open to native speakers of Portuguese.

PRSN PERSIAN

PRSN 1001 ELEMENTARY PERSIAN I

Credit Hour(s): 3.0

Elementary Persian I. Development of basic skills in listening, speaking, reading, and writing; acquisition of grammatical structures. Not open to native speakers of Persian.

PRSN 1002 ELEMENTARY PERSIAN II

Credit Hour(s): 3.0

Elementary Persian II. Prerequisite: Prsn 1001 with grade of C or higher, or equivalent. Development of basic sills in listening, speaking, reading, and writing; acquisition of grammatical structures. Not open to native speakers of Persian.

PRSN 2001 INTERMEDIATE PERSIAN I

Credit Hour(s): 3.0

Intermediate Persian I. Prerequisite: Prsn 1002 with grade of C or higher, or equivalent. Continued development of listening, speaking, reading, and writing. Vocabulary expansion; further work with grammatical structures. Not open to native speakers of Persian.

PRSN 2002 INTERMEDIATE PERSIAN II

Credit Hour(s): 3.0

Intermediate Persian II. Prerequisite: Prsn 2001 with grade of C or higher, or equivalent. Continued development of listening, speaking, reading, and writing. Vocabulary expansion; further work with grammatical structures. Not open to native speakers of Persian.

PSYC PSYCHOLOGY

PSYC 1100 INTRO TO BIOPSYC

Credit Hour(s): 3.0

Introduction to Biological Psychology. 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 INTRO TO GENERAL PSYCHOLOGY

Credit Hour(s): 3.0

Introduction to General Psychology. 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 Hour(s): 3.0

Careers in Psychology. 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 INTRO TO APPLIED PSYCHOLOGY

Credit Hour(s): 3.0

Introduction to Applied Psychology. 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 INTRO TO DRUGS & BEHAVIOR

Credit Hour(s): 3.0

Introduction to Drugs and Behavior. (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 INTRO TO HUMAN SEXUALITY

Credit Hour(s): 3.0

Introduction to Human Sexuality. 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 2080 SEX,EVOLUTION & HUMAN BEHAVIOR

Credit Hour(s): 3.0

Sex, Evolution, and Human Behavior. Examines human behavior from an evolutionary perspective, beginning with an overview of the fundamentals of contemporary evolutionary theory. Topics include selfish-gene approach, evolutionary stable strategies, the evolution of sex, and sexual selection.

PSYC 2101 INTRO TO THE PSY OF ADJUSTMENT

Credit Hour(s): 3.0

Introduction to the Psychology of Adjustment: A Personal Growth Course. An introductory examination of the applied psychological theory and research concerning mental health and well- being.

PSYC 2103 INTRO TO HUMAN DEVELOPMENT

Credit Hour(s): 3.0

Introduction to Human Development: Individual and Family Issues. 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 3010 PSYCHOLOGICAL STATISTICS

Credit Hour(s): 4.0

Psychological Statistics. Prerequisite: Math 1070, 1101, 1111, 1113, or 1220 with grade of C or higher, or equivalent. Three lecture and two laboratory hours per week. Introduction to descriptive and inferential statistics as applied to psychological data. Includes measures of central tendency and variability, correlation, regression, confidence intervals, the t-test, the F-test for one way factorial designs, and Chi Square. Computer software will be used to demonstrate statistical concepts and analyze data.

PSYC 3030 PRINCPLS&METHD/PSY INVESTIGATN

Credit Hour(s): 4.0

Principles and Methods of Psychological Investigation. Prerequisite: Psyc 3010 with grade of C or higher, or equivalent. Three lecture and two laboratory hours a week. Rationale for the acquisition of data, interpretation of findings, and presentation of results in psychology investigations. Includes specifications of concepts, measurement techniques, treatment of data, principles of design (non-experimental, quasi-experimental, and experimental design). Introduction to laboratory techniques and writing in APA style.

PSYC 3110 PSY OF INTERPERSONAL BEHAVIOR

Credit Hour(s): 3.0

Psychology of Interpersonal Behavior. Prerequisite: Psyc 1101 with grade of C or higher, or equivalent. 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 Hour(s): 3.0

Abnormal Psychology. Prerequisite: Psyc 1101 with grade of C or higher, or equivalent. An examination of the defining characteristics, causes, and treatments of abnormal or maladaptive behaviors and psychopathology.

PSYC 3450 HEALTH PSYCHOLOGY

Credit Hour(s): 3.0

Health Psychology. Prerequisite: Psyc 1101 with grade of C or higher, or equivalent. 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 INTRO RESEARCH DESIGN & ANALYS

Credit Hour(s): 4.0

Introduction to Research Design & Analysis. Prerequisite: Math 1070, 1101, 1111, 1113 or 1220 with grade C or higher. 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 INTRO TO AFRICAN-AMERICAN PSYC

Credit Hour(s): 3.0

Introduction to African-American Psychology. Prerequisite: Psyc 1101 with grade of C or higher, or equivalent. (Same as AAS 3050.) Examination of theory and research pertaining to African-Americans with emphasis on the Afrocentric perspective.

PSYC 3530 ADV RSRCH DESIGN/DATA ANA-CTW

Credit Hour(s): 4.0

Advanced Research Design and Analysis-CTW. Prerequisite: Psyc 3510 with grade of C or higher, and be a Psychology major. Course provides psychology majors with experience in research design, data analysis, and scientific communication needed for higher-level understanding in 4000-level courses, the development and writing of senior-year theses, and graduate study. Topics include preparation of a formal research proposal, application for IRB approval, experimental design, statistical techniques, independent data collection and analysis, and the presentation of a research results in APA style. 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 the course or to enroll in any departmental courses for which Psyc 3530 is a prerequisite.

PSYC 3560 LEADERSHIP & GROUP DYNAMICS

Credit Hour(s): 3.0

Leadership and Group Dynamics. Prerequisite: Psyc 1101 with grade of C or higher, or equivalent. Study and application of knowledge, skills, and values relevant to leadership and membership in groups through theory, skill practice sessions, and intensive group discussion.

PSYC 3570 MULTICULTURAL ISSUES IN PSYC

Credit Hour(s): 3.0

Multicultural Issues in Psychology. Prerequisites: Psyc 1101 with grade of C or higher. 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.

PSYC 3690 HONORS READINGS

Credit Hour(s): 1.0 TO 3.0

Honors Readings. Prerequisites: consent of the instructor and Honors Program director. Discussion and readings on selected topics.

PSYC 3901 STUDY ABROAD PSYC

Credit Hour(s): 1.0 OR 6.0

Study Abroad in Psychology. Prerequisite: permission of instructor. Special international topics in psychology completed at a study abroad location.

PSYC 4000 LAB EXP IN PSYCH-CTW

Credit Hour(s): 3.0

Laboratory Experience in Psychology-CTW. Prerequisites: Psyc 3530 with grade of C or higher, and be a Psychology major. Structured training in psychological research. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all psychology majors.

PSYC 4020 SOCIAL PSYCHOLOGY

Credit Hour(s): 3.0

Social Psychology. Prerequisite: Psyc 1101 with grade of C higher, or equivalent. 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 Hour(s): 3.0

Cross-Cultural Psychology. Prerequisite: Psyc 1101 with grade of C or higher, or equivalent. 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 Hour(s): 3.0

Developmental Psychology. Prerequisite: Psyc 1101 with grade of C or higher, or equivalent. 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 Hour(s): 3.0

Drugs and the Nervous System. Prerequisites: Psyc 1100 and Psyc 2050 with grades of C or higher, or consent of instructor. 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 Hour(s): 3.0

Cognitive Psychology. Prerequisites: Psyc 1101, Psyc 3510, and Psyc 3530 with grades of C or higher, or equivalents. 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 Hour(s): 3.0

Physiological Psychology. Prerequisites: Psyc 1101 with grade of D or higher and Psyc 3510 and Psyc 3530 with grades of C or higher, or equivalents. 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

Credit Hour(s): 3.0

Primate Behavior: Field and Laboratory. Prerequisite: Biol 3840 or Psyc 4110 with grade of C or higher, or equivalent, or consent of instructor. 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 Hour(s): 3.0

Learning. Prerequisites: Psyc 1101, Psyc 3510, and Psyc 3530 with grades of C or higher, or equivalents. 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 4130 SENSATION AND PERCEPTION

Credit Hour(s): 3.0

Sensation and Perception. Prerequisites: Psyc 1101, Psyc 3510, and Psyc 3530 with grades of C or higher, or equivalents. (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 INTRO TO PSYCHOPHYSIOLOGY

Credit Hour(s): 4.0

Introduction to Psychophysiology. Prerequisites: Upper division standing; Psyc 3510 and Psyc 3530 with grades of C or higher, or equivalent; and consent of instructor. 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 Hour(s): 3.0

Theories of Personality. Prerequisite: Psyc 1101 with grade of C or higher, or equivalent. 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 INTRO TO BEHAVIOR MODIFICATION

Credit Hour(s): 3.0

Introduction to Behavior Modification. Prerequisite: Psyc 1101 with grade of C or higher, or equivalent. Basic principles underlying behavior modification and behavior therapy. Emphasis is placed upon empirical findings.

PSYC 4300 ADOLESCENT PSYCHOLOGY

Credit Hour(s): 3.0

Adolescent Psychology. Prerequisite: Psyc 1101 with grade of C or higher, or equivalent. Characteristics and theories of adolescent development.

PSYC 4400 PSYCHLGY OF THE ATYPICAL CHILD

Credit Hour(s): 3.0

Psychology of the Atypical Child. Prerequisite: Psyc 1101 with grade of C or higher, or equivalent. Problems of children with cognitive, physical, learning, or emotional difficulties or limitations, with emphasis upon diagnostic and corrective approaches.

PSYC 4510 COMMUNITY PSYCHOLOGY

Credit Hour(s): 3.0

Community Psychology. Prerequisite: Psyc 1101 with grade of C or higher, or equivalent. Survey of community psychology, including its theoretical and political roots, research approaches, and models of prevention and intervention.

PSYC 4520 ENVIRONMENTAL PSYCHOLOGY

Credit Hour(s): 3.0

Environmental Psychology. Prerequisite: Psyc 1101 with grade of C or higher, or equivalent. (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 PSYC OF ANIMAL BEHAVIOR

Credit Hour(s): 3.0

Psychology of Animal Behavior. Prerequisite: Psyc 1101 with grade of C or higher, or equivalent. Psychological,

genetic, physiological, and ecological bases of animal behavior. Basic adaptive mechanisms and their importance for understanding human behavior.

PSYC 4605 PSY PERSP ON INTIMATE VIOLENCE

Credit Hour(s): 3.0

Psychological Perspectives on Intimate Violence. Prerequisites: Psyc 1101 with grade of D or higher and Psyc 3510 and Psyc 3530 with grades of C or higher, or equivalents. 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 Hour(s): 3.0

Psychology of Aging. Prerequisite: Psyc 1101 with grade of C or higher, or equivalent. (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 Hour(s): 3.0

Psychology of Women. Prerequisite: Psyc 1101 with grade of C or higher, or equivalent. (Same as WSt 4620.) 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 Hour(s): 4.0

Hormones and Behavior. Prerequisite: Biol 3840 with grade of C or higher, or equivalent. (Same as Biol 4241.) 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 Hour(s): 1.0 TO 6.0

Psychology: Special Topics. Prerequisite: permission of the instructor. Topics presented by special request.

PSYC 4660 APPLIED ANIMAL BEHAVIOR

Credit Hour(s): 3.0

Applied Animal Behavior. Prerequisite: Psyc 4560 with a grade of C or higher. One lecture hour and two lab hours per class period five days per week. Offered only during May session. Observational methodology will be used to quantify animal behavior. Topics include applied and basic research questions, ethogram development, time sampling methods, observer reliability, and interpretation of data. Course instruction will be at Zoo Atlanta. Students will collect behavioral data on animal collection at Zoo Atlanta and write research reports.

PSYC 4760 RESEARCH PRACTICUM IN PSYC

Credit Hour(s): 1.0 TO 3.0

Research Practicum in Psychology. 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. 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.

PSYC 4770 APPLIED PRACTICUM IN PSYC

Credit Hour(s): 1.0 TO 3.0

Applied Practicum in Psychology. 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. 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.

PSYC 4800 SEMINAR-CTW

Credit Hour(s): 3.0

Seminar-CTW. Prerequisites: Psyc 3530 with grade of C or higher, be officially enrolled as a Psychology major, and be in good academic standing. 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

Credit Hour(s): 1.0 TO 3.0

Advanced Research Practicum in Psychology. 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. 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.

PSYC 4870 HONORS THESIS: RESEARCH

Credit Hour(s): 3.0

Honors Thesis: Research. Prerequisites: consent of the instructor and Honors Program director. Readings or research preparatory to honors thesis or project.

PSYC 4880 HONORS THESIS: WRITING

Credit Hour(s): 3.0 TO 6.0

Honors Thesis: Writing. Prerequisities: Psyc 4870, consent of the instructor and Honors Program director. Writing or production of honors thesis or project.

PSYC 4995 DIRECTED READINGS B.I.S.-CTW

Credit Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

PT PHYSICAL THERAPY

PT 3000 INTRO TO PT & OT PRACTICE

Credit Hour(s): 3.0

Introduction to Physical and Occupational Therapy Practice. 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 COMP & ALTERNATIVE THERAPIES

Credit Hour(s): 3.0

Complementary and Alternative Therapies. 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: THERAPEUTIC EXERCISE

Credit Hour(s): 3.0

Tai Chi-A Therapeutic Exercise 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 4140 TAI CHI- THERAPEUTIC EXERCISE

Credit Hour(s): 3.0

Tai Chi- Therapeutic Exercise 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.

RE REAL ESTATE

RE 3010 REAL ESTATE PRINCIPLES

Credit Hour(s): 3.0

Real Estate Principles. Prerequisite: None. CSP: 1, 7. Requires a 2.5 GSU GPA and 45 semester hours. 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 Hour(s): 3.0

REAL ESTATE DEVELOPMENT. Prerequisite: RE 3010. CSP: 1, 7. Requires a 2.5 GSU GPA and 45 semester hours. 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 VALUATION

Credit Hour(s): 3.0

Residential Property Valuation. Prerequisite: RE 3010. CSP: 1, 6, 7. Requires a 2.5 GSU GPA and 45 semester hours. 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 EST FIN & MTGE BKG

Credit Hour(s): 3.0

Real Estate Finance and Mortgage Banking. Requires a 2.5 GSU GPA and 45 semester hours. CSP: 1, 2. 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 INVEST PROP ANALYSIS & AP

Credit Hour(s): 3.0

Investment Property Analysis and Appraisal. Prerequisite: RE 3010, RE 4150, Bcom 3950. CSP: 1, 2, 6, 7. Requires a 2.5 GSU GPA and 45 semester hours. 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.

RE 4389 DIR READ IN REAL ESTATE

Credit Hour(s): 1.0 TO 3.0

Directed Readings in Real Estate. Prerequisites: RE 3010, consent of instructor.

RE 4410 INCOME PROPERTY VALUATION

Credit Hour(s): 3.0

Income Property Valuation. Prerequisite: Re 4150 or RE 4160 or Consent of instructor. CSP: 1, 2, 6. Requires a 2.5 GSU GPA and 45 semester hours. 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 Hour(s): 3.0

Real Estate Analysis-CTW. Prerequisites: RE 3010, RE 4050, RE 4150, RE 4160, Bcom 3950, BUSA 3000. Requires a 2.5 GSU GPA and 45 semester hours. CPS: 1, 2, 6, 7. 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 Thainking through Writing (CTW) course for students pursuing a BBA degree in Real Estate.

RE 4800 APPLIED RE MARKET ANALYSIS

Credit Hour(s): 3.0

Applied Real Estate Market Analysis. Prerequisites: RE 3010, Econ 2105, Econ 2106. CSP: 1, 2. Requires a 2.5 GSU GPA and 45 semester hours. 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 MGT OF REAL ESTATE ASSETS

Credit Hour(s): 3.0

Management of Real Estate Assets. Prerequisite: RE 3010. CSP: 1, 7. Requires a 2.5 GSU GPA and 45 semester hours. 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 DEVEL REGULATIONS

Credit Hour(s): 3.0

Urban Development Regulations. Prerequisite: RE 3010. CSP: 1, 7. Requires a 2.5 GSU GPA and 45 semester hours. 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 RELIGIOUS STUDIES

RELS 2001 INTRO TO WORLD RELIGIONS

Credit Hour(s): 3.0

Introduction to World Religions. 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 Hour(s): 3.0

Introduction to Religion. 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 3230 PHILOSOPHY OF RELIGION

Credit Hour(s): 3.0

Philosophy of Religion. (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 Hour(s): 3.0

Biblical Studies. 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 3260 ASIAN REL IN AMERICA

Credit Hour(s): 3.0

Asian Religions in America. 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 Hour(s): 3.0

Survey of World Religions. Survey and comparison of the beliefs and practices of the major world religions including Christianity, Islam, Judaism, Buddhism, and Hinduism.

RELS 3290 JESUS IN AND OUTSIDE GOSPELS

Credit Hour(s): 3.0

Jesus Inside and Outside the Gospels. 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 Hour(s): 3.0

Early Christianity. 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 Hour(s): 3.0

Modern Christian Thought. 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 Hour(s): 3.0

Contemporary Religious Thought. Topics such as religious existentialism, hermeneutics, liberation theology, fundamentalism, and feminist theology.

RELS 3350 NEW RELIGIOUS MOVEMENTS

Credit Hour(s): 3.0

New Religious Movements. 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 Hour(s): 3.0

Introduction to Judaism. (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 Hour(s): 3.0

Introduction to Islam. (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 3750 THEORIES & METHODS IN RELS-CTW

Credit Hour(s): 3.0

Theories and Methods in Religious Studies-CTW. 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 Hour(s): 3.0

Religion and Popular Culture. 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 Hour(s): 3.0

Religion, Morality and Film. 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 Hour(s): 3.0

Tragedy and Comedy. 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 4040 AUGUSTINE AND AQUINAS

Credit Hour(s): 3.0

Augustine and Aquinas. (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 Hour(s): 3.0

Evil and God. 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 RELS DIMENSIONS IN HUMAN EXPER

Credit Hour(s): 3.0

Religious Dimensions in Human Experience. 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 RELS STUDY ABROAD

Credit Hour(s): 3.0

Religious Studies Study Abroad. No prerequisite. 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. Enrollment must be approved by program director.

RELS 4200 RELIGION IN AMERICA

Credit Hour(s): 3.0

Religion in America. 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 Hour(s): 3.0

Psychology and Religion. 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 Hour(s): 3.0

Death and the Afterlife. 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 RELIGION

Credit Hour(s): 3.0

Cognitive Foundations of Religion. 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 Hour(s): 3.0

African-American Religion. (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 Hour(s): 3.0

Religion, Race, Nation. 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 Hour(s): 3.0

Religion and Literature. 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 Hour(s): 3.0

Women and Religion. 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 Hour(s): 3.0

Pilgrimage. 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 & SPIRITUALITY

Credit Hour(s): 3.0

Religion, Sport and Spirituality. Prerequisite: at least one course in Religious Studies, or consent of the instructor. 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 Hour(s): 3.0

Metaphysics. Prerequisite: one upper-level course in philosophy or religious studies. (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 4430 AMERICAN JEWISH HIST

Credit Hour(s): 4.0

American Jewish History. 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 Hour(s): 3.0

Modern Judaism. (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 Hour(s): 3.0

Judaism in the South. 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 4470 MARTIN BUBER: THOUGHT & INFLU

Credit Hour(s): 3.0

Martin Buber: His Thought and Influence. 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 4483 ISSUES ISLAMIC FAITH/PRACTICE

Credit Hour(s): 3.0

Contemporary Issues in Islamic Faith and Practice. 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 & MORALITY IN ISLAM

Credit Hour(s): 3.0

Ethics and Morality in the Islamic Tradition. 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 Hour(s): 3.0

Topics in Judaism. (Same as MES 4460.) Examination of selected topics in Judaism. May be repeated if topic varies.

RELS 4570 SPECIAL TOPICS IN ISLAM

Credit Hour(s): 3.0

Special Topics in Islam. (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 Hour(s): 3.0

Life of Muhammad. (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 Hour(s): 3.0

Hinduism. (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 Hour(s): 3.0

Hindu Sacred Myths and Epics. 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 Hour(s): 3.0

Buddhism. (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 Hour(s): 3.0

Confucianism and Taoism. (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 Hour(s): 3.0

Classical Chinese Philosophy. 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 Hour(s): 3.0

Zen and Shinto. (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 Hour(s): 3.0

Topics in Asian Religion. 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 Hour(s): 3.0

Comparative Study of Mysticism. 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

Credit Hour(s): 3.0

Religion and Sexuality: The Problem of the Erotic. Prerequisite: at least one course in Religious Studies, or consent of instructor. 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 4650 RELIGION AND ETHICS

Credit Hour(s): 3.0

Religion and Ethics. (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 Hour(s): 3.0

Church and State. (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 Hour(s): 3.0

Christianity and Democracy. 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 Hour(s): 3.0

War, Peace, and Religion. (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 & RELI

Credit Hour(s): 3.0

Secularism, Liberalism and Religion. Prerequisite: at least one course in Religious Studies, or consent of instructor. 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 Hour(s): 3.0

Issues in Religious Studies. 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 SEM IN RELIGIOUS STUDIES-CTW

Credit Hour(s): 3.0

Seminar in Religious Studies-CTW. 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 Hour(s): 1.0 TO 6.0

Honors Thesis: Research. Prerequisites: consent of the instructor and Honors Program director. Readings or research preparatory to honors thesis.

RELS 4880 HONORS THESIS: WRITING

Credit Hour(s): 1.0 TO 6.0

Honors Thesis: Writing. Prerequisites: RelS 4870, consent of the instructor and Honors Program director. Writing or production of honors thesis or project.

RELS 4950 INDEPENDENT RESEARCH

Credit Hour(s): 1.0 TO 3.0

Independent Research. Prerequisite: consent of instructor and departmental director of undergraduate studies. 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.

RELS 4995 DIRECTED READINGS B.I.S.-CTW

Credit Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

RMI RISK MANAGEMENT AND INSURANCE

RMI 3500 INTRO TO RISK MGT AND INS

Credit Hour(s): 3.0

Introduction to Risk Management and Insurance. Prerequisite: none. CSP: 1, 6, 7. Requires a 2.5 GSU GPA and 45 semester hours. 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 Hour(s): 3.0

Risk Modeling. Prerequisite: MATH 1113. Requires a 2.5 GSU GPA and 45 semester hours. CSP: 1,6 and 7. 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 4010 LIFE INSURANCE

Credit Hour(s): 3.0

Life Insurance. Prerequisite: RMI 3500. CSP: 1, 6, 7. Requires a 2.5 GSU GPA and 45 semester hours. 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 4020 PROP & LIABILITY INS

Credit Hour(s): 3.0

Property and Liability Insurance. Prerequisite: RMI 3500. CSP: 1, 6, 7. Requires a 2.5 GSU GPA and 45 semester hours. 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 4150 THEORY OF RISK

Credit Hour(s): 3.0

Theorg of Risk. Prerequisite: Math 1113; RMI 3750. Requires a 2.5 GSU GPA and 45 semester hours. CSP: 1,2,6 and 7. 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 Hour(s): 3.0

Risk Management. Prerequisite: RMI 3500. Bcom 3950. CSP: 1, 2, 6, 7. Requires a 2.5 GSU GPA and 45 semester hours. 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 MGT-CTW

Credit Hour(s): 3.0

Enterprise Risk Management-CTW. Prerequisite: Math 2211, Rmi 3750, Bcom 3950. Requires a 2.5 GSU GPA and 45 semester hours. CTW: This course satisfies critical thinking through writing requirements. CSP: 1, 2, 6, 7. 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.

RMI 4389 DIR READ IN RISK MGT/INS

Credit Hour(s): 1.0 TO 3.0

Directed Readings in Risk Management and Insurance. Prerequisite: one RMI course, consent of instructor.

RMI 4391 RMI FIELD STUDY

Credit Hour(s): 1.0 TO 3.0

Risk Management and Insurance Field Study. Prerequisite: Department approval. Requires a 3.0 GPA or or greater and 45 semester hours. 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 Hour(s): 3.0

Employee Benefit Plans. (Same as Mgs 4385.) Prerequisite: Mgs 3400. CSP: 1, 6, 7. Requires a 2.5 GSU GPA and 45 semester hours. 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 Hour(s): 3.0

Insurance Operations. Prerequisite: RMI 3500, RMI 4010, RMI 4020; Bcom 3950, or consent of instructor. CSP: 1, 6, 7. Requires a 2.5 GSU GPA and 45 semester hours. 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 MGT/INS

Credit Hour(s): 3.0

Problems in Risk Management and Insurance. Prerequisite: a minimum of four RMI courses including RMI 3500, 4010, and 4020, or consent of instructor. CSP: 1, 6, 7. Requires a 2.5 GSU GPA and 45 semester hours. The principal focus of this capstone course for the RMI major is the study of current problems and issues in risk management and insurance.

RT RESPIRATORY THERAPY

RT 1010 CPR

Credit Hour(s): 2.0

Cardiopulmonary Resuscitation (CPR). 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 APPLIC PHYS PRINC HEALTH

Credit Hour(s): 3.0

Application of Physical Principles in Healthcare. Prerequisites: Math 1111, Chem 1151K, Chem 1152K or consent of instructor. 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 CLIN CARDIO PHYSIOLOGY

Credit Hour(s): 3.0

Clinical Cardiopulmonary Physiology. 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 BLS INSTRUCTOR COURSE

Credit Hour(s): 3.0

Basic Life Support Instructor Course Prerequisites: BLS certification or RT 1010 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 Hour(s): 4.0

Patient Evaluation. 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- CTW

Credit Hour(s): 3.0

Pulmonary Diseases. 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 Hour(s): 3.0

Pulmonary Diagnostics. 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 RESP CARE PHARMACOLOGY

Credit Hour(s): 3.0

Respiratory Care Pharmacology. 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 Hour(s): 1.0

Clinical Practice I. 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.

RT 3051 CLINICAL PRACTICE II

Credit Hour(s): 4.0

Clinical Practice II. 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.

RT 3052 CLINICAL PRACTICE III

Credit Hour(s): 1.0

Clinical Practice III. 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.

RT 3111 RESP CARE PROCEDURES I

Credit Hour(s): 4.0

Respiratory Care Procedures I. 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 RESP CARE PROCEDURES II

Credit Hour(s): 3.0

Respiratory Care Procedures II. 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 Hour(s): 3.0

Research Methods. 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 Hour(s): 3.0

Ventilatory Support I. 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 Hour(s): 4.0

Ventilatory Support II. 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 4051 CLINICAL PRACTICE IV

Credit Hour(s): 4.0

Clinical Practice IV. 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.

RT 4052 CLINICAL PRACTICE V

Credit Hour(s): 5.0

Clinical Practice V. 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.

RT 4060 ADV CRITICAL CARE MONITOR

Credit Hour(s): 2.0

Advanced Critical Care Monitoring. A study of advanced cardiopulmonary monitoring used with the critical care patient. Topics include hemodynamic monitoring, ventilatory waveform analysis, and capnography.

RT 4070 ADV CARDIAC LIFE SUPPORT

Credit Hour(s): 2.0

Advanced Cardiac Life Support. 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 Hour(s): 3.0

Patient Care Management. An analysis of patient care management strategies for the respiratory therapist. Patient assessment and critical care management topics will be emphasized.

RT 4080 PED RESPIRATORY CARE

Credit Hour(s): 2.0

Pediatric Respiratory Care. 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 Hour(s): 3.0

Neonatal Respiratory Care. 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 ADVAN NEONATAL RESP CARE

Credit Hour(s): 3.0

Advanced Neonatal Respiratory Care. 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 TRENDS TO EXTEND CARE- CTW

Credit Hour(s): 3.0

Professional Practice: From Current Trends to Long-Term, Extended Care 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 4950 DIRECTED READINGS

Credit Hour(s): 1.0 TO 3.0

Directed Readings. Readings course in respiratory therapy or other related area.

RT 4990 SPECIAL STUDIES

Credit Hour(s): 1.0 TO 3.0

Special Studies. Designed to provide students with the opportunity for advanced work in a special area on an individual basis. A project will be completed.

RUSS RUSSIAN

RUSS 1001 ELEMENTARY RUSSIAN I

Credit Hour(s): 3.0

Elementary Russian I. 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 Hour(s): 3.0

Elementary Russian II. Prerequisite: Russ 1001 with grade of C or higher, or equivalent. 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 Hour(s): 3.0

Intermediate Russian I. Prerequisite: Russ 1002 with grade of C or higher, or equivalent. Continuing development of listening, speaking, reading, and writing skills. Vocabulary expansion; further work with grammatical structures.

RUSS 2002 INTERMEDIATE RUSSIAN II

Credit Hour(s): 3.0

Intermediate Russian II. Prerequisite: Russ 2001 with grade of C or higher, or equivalent. 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.

SOCI SOCIOLOGY

SOCI 1101 INTRODUCTION TO SOCIOLOGY

Credit Hour(s): 3.0

Introduction to Sociology. A survey of the discipline of sociology. Topics will include sociological theory, methods, and selected substantive areas.

SOCI 1160 INTRO TO SOCIAL PROBLEMS

Credit Hour(s): 3.0

Introduction to Social Problems. A theoretical and empirical analysis of selected major social problems confronting American society.

SOCI 3010 SOCIAL STATISTICS

Credit Hour(s): 3.0

Social Statistics. 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 Hour(s): 3.0

Social Research Methods-CTW. Prerequisite: Soci 3010 with grade of C or higher. 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 Hour(s): 3.0

Sociological Theory. Major theoretical orientations used in sociology from the 1800s to the present.

SOCI 3040 COGNITION AND SOCIETY

Credit Hour(s): 3.0

Cognition and Society. 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.

SOCI 3101 FAMILIES AND SOCIETY

Credit Hour(s): 3.0

Families and Society. (Same as WSt 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/SOCIAL INTERACTN

Credit Hour(s): 3.0

Identity, Self, and Social Interaction. 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 3152 BIRTH AND PARENTHOOD

Credit Hour(s): 3.0

Birth and Parenthood. (Same as WSt 3140.) Pregnancy, birth, and parenting; fatherhood and motherhood in a social and historical context.

SOCI 3156 SEXUALITY AND SOCIETY

Credit Hour(s): 3.0

Sexuality and Society. 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 Hour(s): 3.0

African-American Family. (Same as AAS 3000.) Contemporary theories and research on the African-American family.

SOCI 3201 WEALTH, POWER, AND INEQUALITY

Credit Hour(s): 3.0

Wealth, Power, and Inequality. Analysis of social structure and function in terms of class, caste, status, power, and mobility.

SOCI 3208 WORK AND EMPLOYMENT

Credit Hour(s): 3.0

Work and Employment. 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 Hour(s): 3.0

Race and Ethnic Relations. 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.

SOCI 3213 IMMIGRATION

Credit Hour(s): 3.0

Immigration. 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.

SOCI 3216 GENDER AND SOCIETY

Credit Hour(s): 3.0

Gender and Society. (Same as WSt 3130.) Social construction of gender, gender-based stratification, and power dynamics.

SOCI 3220 ACTIVISM, PROTEST,& REVOLUTION

Credit Hour(s): 3.0

Activism, Protest, and Revolution. 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 Hour(s): 3.0

Deviant Behavior. 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 Hour(s): 3.0

Crime and Punishment. Different approaches to the etiology, treatment, and control of criminal behavior.

SOCI 3225 YOUTH AND CRIME

Credit Hour(s): 3.0

Youth and Crime. 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 Hour(s): 3.0

The Holocaust. (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 Hour(s): 3.0

Poverty and Welfare. 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 3340 POPULATION PROBLEMS

Credit Hour(s): 3.0

Population Problems. Analysis of population from the standpoint of theories, dynamics, composition, fertility, mortality, migration, and economic and social aspects.

SOCI 3346 DRUG USE AND ABUSE

Credit Hour(s): 3.0

Drug Use and Abuse. 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 Hour(s): 3.0

Social Change and the Future. 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 U.S.

Credit Hour(s): 3.0

Mental Illness in the United States. 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 Hour(s): 3.0

Sociology of Popular Culture. 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 Hour(s): 3.0

Queer Identities. (Same as WSt 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 Hour(s): 3.0

Selected Topics. A maximum of six credit hours may be applied toward the major. May be repeated if topics are different.

SOCI 3690 HONORS READINGS

Credit Hour(s): 1.0 TO 6.0

Honors Readings. Prerequisites: consent of the instructor and Honors Program director. Readings on selected topics.

SOCI 4050 GLOBL PERS ON VIOL AGNST WOMEN

Credit Hour(s): 3.0

Global Perspectives on Violence Against Women. (Same as WSt 4050.) 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 Hour(s): 3.0

Aging Policy and Services. (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 Hour(s): 3.0

Aging and Society. (Same as WSt 4116 and 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 Hour(s): 3.0

Global Aging and Families. (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.

SOCI 4122 DEATH, DYING, AND LOSS

Credit Hour(s): 3.0

Death, Dying, and Loss. (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 FAMILY, INTIMACY, AND AGING

Credit Hour(s): 3.0

Ties that Bind: Family, Intimacy, and Aging. (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 Hour(s): 3.0

Sexual and Intimate Violence. (Same as WSt 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 Hour(s): 3.0

Power and Politics. 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 Hour(s): 3.0

Urban Sociology. Analysis of urban society on the basis of the population, social organization, and social relationships of each.

SOCI 4230 SOCIOLGY OF HEALTH AND ILLNESS

Credit Hour(s): 3.0

Sociology of Health and Illness. 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 Hour(s): 3.0

Metropolitan Atlanta. (Same as Hist 4320 and Geog 4768.) Interdisciplinary perspective focusing on social, historical, and geographic processes which have shaped the Atlanta region.

SOCI 4310 ISUES IN AFRICN-AMER COMMUNITY

Credit Hour(s): 3.0

Issues in the African-American Community. (Same as AAS 4000.) Examination of the impact of major societal issues on the African-American community.

SOCI 4311 AFR-AM MALE/FEMALE RELATNSHIPS

Credit Hour(s): 3.0

African American Male/Female Relationships. (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 U.S.

Credit Hour(s): 3.0

African-American Women in the United States. (Same as AAS 4100 and WSt 4312.) 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 Hour(s): 3.0

Girls. (Same as Anth 4320 and WSt 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 Hour(s): 3.0

Religion and Society. 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 Hour(s): 3.0

Law and Society. Recruitment, training, and practice in the legal professions. Analysis of the legal system as a social process.

SOCI 4380 EDUCATIONAL SOCIOLOGY

Credit Hour(s): 3.0

Educational Sociology. 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 GENERAL SOCIOLOGY-CTW

Credit Hour(s): 3.0

Critical Thinking through Writing in General Sociology. 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 FAMILIES, HEALTH, & LIFE-CTW

Credit Hour(s): 3.0

Critical Thinking through Writing in Families, Health, and the Life Course. 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 GENDER AND SEXUALITY-CTW

Credit Hour(s): 3.0

Critical Thinking through Writing in Gender and Sexuality. 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 Hour(s): 3.0

Critical Thinking Through Writing in Race and Urban Studies. 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 4870 HONORS THESIS: RESEARCH

Credit Hour(s): 1.0 TO 6.0

Honors Thesis: Research. Prerequisites: consent of the instructor and Honors Program director. Readings or research preparatory to honors thesis or project.

SOCI 4880 HONORS THESIS: WRITING

Credit Hour(s): 1.0 TO 6.0

Honors Thesis: Writing. Prerequisites: Soci 4870, consent of the instructor and Honors Program director. Writing or production of Honors thesis or project.

SOCI 4980 INTERNSHIP

Credit Hour(s): 1.0 TO 6.0

Internship. Combined academic training and professional experience in community agencies. Application required. See department adviser for information, including deadlines for applying.

SOCI 4995 DIRECTED READINGS B.I.S.-CTW

Credit Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. 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 Hour(s): 3.0

Elementary Spanish I. 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 Hour(s): 3.0

Elementary Spanish II. Prerequisite: Span 1001 with grade of C or higher, or equivalent. Development of basic skills in listening, speaking, reading, and writing; acquisition of grammatical structures. Not open to native speakers of Spanish.

SPAN 1101 INTENSIVE ELEM SPANISH

Credit Hour(s): 6.0

Intensive Elementary Spanish. Intensive introduction to Spanish, with emphasis on communicative competence, equivalent to Span 1001 and 1002. Not open to native speakers of Spanish.

SPAN 2001 INTERMEDIATE SPANISH I

Credit Hour(s): 3.0

Intermediate Spanish I. Prerequisite: Span 1002 or Span 1101 with grade of C or higher, or equivalent. 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 Hour(s): 3.0

Intermediate Spanish II. Prerequisite: Span 2001 with grade of C or higher, or equivalent. 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 INTER SPANISH

Credit Hour(s): 6.0

Intensive Intermediate Spanish. Prerequisite: Span 1002 or Span 1101 with grade of C or higher, or equivalent. Intensive exposure to intermediate Spanish with emphasis on communicative competence, equivalent to Span 2001 and 2002. Not open to native speakers of Spanish.

SPAN 2203 INTERMEDIATE SPANISH III

Credit Hour(s): 3.0

Intermediate Spanish III. Prerequisite: Span 2002 with grade of C or higher, or equivalent. 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 INT SPAN III FOR HRITAGE SPKRS

Credit Hour(s): 3.0

Intermediate Spanish III for Heritage Speakers. Prerequisite: placement on basis of departmental exam and/or interview. 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 SPAN I

Credit Hour(s): 3.0

Study Abroad in Spanish I. Prerequisites: Span 1002 with grade of C or higher, or equivalent, and permission of program director. Intermediate level study of communicative skills in Spanish completed at a study abroad location in Spain or Latin America.

SPAN 2902 STUDY ABROAD SPAN II

Credit Hour(s): 3.0

Study Abroad in Spanish II. Prerequisites: Span 1002 with grade of C or higher, or equivalent, and permission of program director. Intermediate level study of communicative skills in Spanish completed at a study abroad location in Spain or Latin America.

SPAN 3303 ADVANCED GRAMMAR I

Credit Hour(s): 3.0

Advanced Grammar I. Prerequisite: Span 2002 or Span 2101 with grade of C or higher, or equivalent, or consent of instructor. 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 3305 ADV. CONVERSATION & READING

Credit Hour(s): 3.0

Advanced Conversation and Reading. Prerequisite: Span 2002 or Span 2101 with grade of C or higher, or equivalent, or consent of instructor. Development of oral and reading skills, vocabulary building, and practice in the patterns of idiomatic Spanish. Not open to native speakers of Spanish.

SPAN 3307 INTRO STUDY OF LIT TEXTS-CTW

Credit Hour(s): 3.0

Introduction to the Study of Literary Texts-CTW. Prerequisite: Span 2002 or Span 2101 with grade of C or higher, or equivalent, or consent of instructor. Critical reading of selected texts illustrating the major literary genres; terminology and techniques for their analysis and appreciation. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all Spanish majors.

SPAN 3308 INTRO TO SPANISH LINGUISTICS

Credit Hour(s): 3.0

Introduction to Spanish Linguistics. Prerequisite: Span 2002 or Span 2101 with grade of C or higher, or equivalent. 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 Hour(s): 3.0

Hispanic Culture-CTW. Prerequisite: Span 2002 or Span 2101 with grade of C or higher, or equivalent, or consent of instructor. 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.

SPAN 3314 HISPANIC LITERATURE

Credit Hour(s): 3.0

Survey of Hispanic Literature. Prerequisite: Span 3307 with grade of C or higher. All genres from Medieval through the present or the Conquest through the present.

SPAN 3395 STUDY ABROAD

Credit Hour(s): 3.0

Study Abroad. Spanish language and culture in a native environment. Designed specifically for those students participating in the University System of Georgia Study Abroad Programs.

SPAN 3396 STUDY ABROAD

Credit Hour(s): 3.0

Study Abroad. Spanish language and culture in a native environment. Designed specifically for those students participating in the University System of Georgia Study Abroad Programs.

SPAN 3397 STUDY ABROAD

Credit Hour(s): 3.0

Study Abroad. Spanish language and culture in a native environment. Designed specifically for those students

participating in the University System of Georgia Study Abroad Programs.

SPAN 3501 ADV SPAN FOR HERITAGE SPKRS

Credit Hour(s): 3.0

Advanced Spanish for Heritage Speakers. 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 Hour(s): 1.0 TO 3.0

Honors Readings. Prerequisites: consent of the instructor and Honors Program director. Discussion and readings on selected topics.

SPAN 4403 ADVANCED GRAMMAR II

Credit Hour(s): 3.0

Advanced Grammar II. Prerequisite: Span 3303 with grade of B or higher. 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 SPAN FOR INTL BUSNSS I

Credit Hour(s): 3.0

Spanish for International Business I. Prerequisite: Span 3303 with grade of C or higher, or equivalent, or consent of instructor. Business vocabulary and correspondence. Protocol of business environment. Reading and analysis of commercial texts.

SPAN 4407 SPAN FOR INTL BUSNSS II

Credit Hour(s): 3.0

Spanish for International Business II. Prerequisite: Span 3303 with grade of C or higher, or consent of instructor. Readings in the foreign language of current materials related to business and trade structures, issues, and procedures.

SPAN 4409 TECHNIQUES OF TRANSLATION

Credit Hour(s): 3.0

Techniques of Translation. Prerequisite: Span 3303 or Span 3501 with grade of C or higher, or equivalent, or consent of instructor. Expansion of vocabulary and introduction to comparative stylistics through translations (English-Spanish and Spanish-English) of both literary and non-literary texts.

SPAN 4420 MED & EARLY REN SPAN LIT

Credit Hour(s): 3.0

Medieval and Early Renaissance Spanish Literature. Prerequisites: Span 3303 and Span 3307 with grades of C or higher, or equivalent. Masterpieces of early Spanish epic, drama, and prose to the end of the fifteenth century.

SPAN 4421 EARLY MODERN LIT & CULTURE

Credit Hour(s): 3.0

Early Modern Literature and Culture. Prerequisites: Span 3303 and Span 3307 with grades of C or higher. Spanish cultural and literary manifestations from the early sixteenth century to the end of the seventeenth.

SPAN 4432 SPAN NOVEL 20TH CENTURY

Credit Hour(s): 3.0

Spanish Novel of the Twentieth Century. Prerequisites: Span 3303 and Span 3307 with grades of C or higher, or equivalent. Novels from the Generation of 1898 to the present.

SPAN 4440 SPECIAL TOPICS:SPAN LIT

Credit Hour(s): 3.0

Special Topics in Spanish Literature. Prerequisites: Span 3303 and Span 3307 with grades of C or higher, or equivalent. Readings of particular authors, genres, topics not covered by regular courses. May be repeated for credit when topic varies.

SPAN 4445 LIT FOR INTL BUS STUDENTS

Credit Hour(s): 3.0

Literature for Students of International Business. Prerequisites: Span 3303 and Span 3307 with grades of C or higher, or equivalent. Economic, social, and political conditions in Spanish-speaking countries as they appear in the literature of the region.

SPAN 4450 SPECIAL TOPICS IN LINGUISTICS

Credit Hour(s): 3.0

Special Topics in Linguistics. Prerequisite: Span 3303 with grade of C or higher, or consent of instructor. Readings on particular topics and issues in Spanish Linguistics not covered by regular courses. May be repeated when topic varies.

SPAN 4452 TRAD LATIN AMERICAN NOVEL

Credit Hour(s): 3.0

Traditional Latin American Novel. Prerequisites: Span 3303 and Span 3307 with grades of C or higher, or equivalent. The Latin American novel of the nineteenth and early twentieth century, including the "indianista" and regional novel.

SPAN 4454 CONTEMP LATIN AMER NOVEL

Credit Hour(s): 3.0

Contemporary Latin American Novel. Prerequisites: Span 3303 and Span 3307 with grades of C or higher, or

equivalent. The Latin American novel of the twentieth century to the present, including the "Boom" and "Post-Boom" periods.

SPAN 4456 LATIN AMER SHORT STORY

Credit Hour(s): 3.0

Latin American Short Story. Prerequisites: Span 3303 and Span 3307 with grades of C or higher, or equivalent. 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.

SPAN 4465 PRACTICUM IN SPANISH

Credit Hour(s): 3.0

Practicum in Spanish. Prerequisite: Senior standing or consent of instructor. Directed work in special project; field experience; internships.

SPAN 4467 LAT AM FILM & VIDEO

Credit Hour(s): 3.0

Latin American and Latino Film and Video. Prerequisite: Spanish 3303 and Span 3307 with grade of C or higher, or equivalent. 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.

SPAN 4468 HISPANIC CARIBBEAN LIT & CULT

Credit Hour(s): 3.0

Hispanic Caribbean Literature and Culture. Prerequisite: Span 3303 and Span 3307 with grade of C or higher, or equivalent. Survey of literature and culture from the Hispanic Caribbean, including Cuba, Puerto Rico, Dominican Republic, and other areas.

SPAN 4469 AFRO-HISPANIC LIT & CULTURE

Credit Hour(s): 3.0

Afro-Hispanic Literature and Culture. Prerequisites: Span 3303 and Span 3307 with grades of C or higher, or equivalent. Survey of literature and other cultural production involving the African legacy in Spanish America.

SPAN 4470 SPEC TOP IN LAT AMER LIT

Credit Hour(s): 3.0

Special Topics in Latin American Literature. Prerequisite: Span 3303 and Span 3307 with grade of C or higher, or equivalent. 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 TOPS: HISPANIC CULTURE

Credit Hour(s): 3.0

Special Topics in Hispanic Culture. Prerequisites: Span 3303 and Span 3307 with grades of C or higher, or equivalent. 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 Hour(s): 3.0

Senior Studies. Prerequisites: senior standing, a 3.5 average, and at least nine hours of upper-level courses in the major. 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 Hour(s): 3.0

Honors Thesis: Research. Prerequisites: consent of the instructor and Honors Program director. Readings or research preparatory to honors thesis or project.

SPAN 4890 CONTEMPORARY MEXICAN FICTION

Credit Hour(s): 3.0

Contemporary Mexican Fiction. Prerequisites: Span 3303 and Span 3307 with a grades of C or higher, or equivalent. 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.

SPAN 4995 DIRECTED READINGS B.I.S.-CTW

Credit Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. 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 Hour(s): 2.0

Human Communication. 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 & ARTICULATION

Credit Hour(s): 3.0

Voice and Articulation. Principles of phonation and articulation for the development of the speaking voice and correction of defects and mannerisms.

SPCH 1500 PUBLIC SPEAKING

Credit Hour(s): 3.0

Public Speaking. 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 Hour(s): 3.0

Media, Culture, and Society. 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 & PROFESSIONAL COMM

Credit Hour(s): 3.0

Business and Professional Communication. Prerequisite: Spch 1500 with grade of C or higher. Theory and practice of oral communication appropriate to business and professional environments, including public and interpersonal communication within organizations.

SPCH 2510 DEBATE ACTIVITY

Credit Hour(s): 3.0

Debate Activity. Prerequisite: consent of instructor. 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 Hour(s): 3.0

Interpersonal Communication. 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 Hour(s): 3.0

Argumentation. 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 Hour(s): 3.0

Phonetics. Prerequisite: Spch 1010 or 1500 with grade of C or higher, or consent of instructor. Training in the pronunciation of Standard American English and the International Phonetic Alphabet.

SPCH 3010 ADVANCED PUBLIC SPEAKING

Credit Hour(s): 3.0

Advanced Public Speaking. Prerequisite: Spch 1000 or 1500 with grade of C or higher, or consent of instructor. Development of the proper techniques of persuasion, demonstration, and the preparation and delivery of business and professional speeches.

SPCH 3050 SPEECH COMMUN RESEARCH METHODS

Credit Hour(s): 3.0

Speech Communication Research Methods. 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 & REGULATION

Credit Hour(s): 3.0

Communication Law and Regulation. 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 Hour(s): 3.0

Persuasion-CTW. 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 Hour(s): 3.0

Non-Verbal Communication. Analysis of non-verbal behaviors as human communication messages.

SPCH 3510 PRINCIPLES OF DEBATE

Credit Hour(s): 3.0

Principles of Debate. Prerequisite: Spch 1010 or 1500 with grade of C or higher, or consent of instructor. A systematic approach to skills necessary for effective argumentative speeches: research, evidential burdens, argument briefing, organization.

SPCH 3690 HONORS READINGS

Credit Hour(s): 1.0 TO 3.0

Honors Readings. Prerequisites: consent of the instructor and Honors Program director. Discussion and readings in selected topics.

SPCH 3750 INTERCULTURAL COMMUNICATION

Credit Hour(s): 3.0

Intercultural Communication. 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 DEVLP OF COMM/LANG ACROSS LIFE

Credit Hour(s): 3.0

Development of Communication and Language Across the Lifespan. Prerequisite: Spch 1000 with grade of C or higher. Theories, nature, basic behavioral aspects, and constraints of typical communication and language development across the lifespan.

SPCH 4410 COMMUNICATION DISORDERS

Credit Hour(s): 3.0

Communication Disorders. Prerequisite: Spch 3000 with grade of C or higher. 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 & CRITICISM

Credit Hour(s): 3.0

Rhetorical Theory and Criticism. Development of critical skills useful for evaluating public discourse, with an emphasis on classical and modern theories of rhetoric.

SPCH 4460 TOPICS:PUB COMM THEORY/RESEARC

Credit Hour(s): 3.0

Topics in Public Communication Theory and Research. Prerequisite: Spch 4450 with grade of C or higher. Special topics in political communication, the rhetoric of social movements, social argumentation and decision making, and rhetorical theory. May be taken for a maximum of nine credit hours if topics vary.

SPCH 4470 TOP:INTERPRSNL COMM THRY & RES

Credit Hour(s): 3.0

Topics in Interpersonal Communication Theory and Research. Prerequisite: Spch 2650 with grade of C or higher. Contemporary theory and research in interpersonal communication, including non-verbal behavior, relational communication, intercultural communication, and communication and gender. May be taken for a maximum of nine credit hours if topics

SPCH 4475 COMMUNICATION & AGING

Credit Hour(s): 3.0

Communication and Aging. 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 COMM

Credit Hour(s): 3.0

Political Campaign Communication. (Same as Jour 4480.) Principles, theories and practices of communication in campaign contexts.

SPCH 4485 PRESIDENTIAL RHETORIC

Credit Hour(s): 3.0

Presidential Rhetoric. Relationships between presidential communication, audiences, and the institution of the American presidency.

SPCH 4490 COMMUNICATION AND GENDER

Credit Hour(s): 3.0

Communication and Gender. (Same as WSt 4130.) The influence of gender (social definitions of maleness and femaleness) on public, interpersonal, and mass communication.

SPCH 4500 VISUAL COMMUNICATION

Credit Hour(s): 3.0

Visual Communication. (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 Hour(s): 3.0

Media and Politics. (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 COMMUNICATION IDENTITIES

Credit Hour(s): 3.0

Communicating Identities. 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 Hour(s): 3.0

African-American Rhetoric. (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: AFRICAN-AMER FEMINISTS

Credit Hour(s): 3.0

Voices of African-American Feminists. (Same as AAS 4530.) Overview of the rhetorical history of African-American female political and social activities.

SPCH 4540 MEDIATION & CONFLICT RESOLUTN

Credit Hour(s): 3.0

Mediation and Conflict Resolution. 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 Hour(s): 3.0

Communication Styles. Principles, theories, and impacts of various communication styles, including patronizing speech, verbal immediacy, argumentativeness, verbal aggressiveness and others.

SPCH 4610 RHET OF AMERICAN ISSUES

Credit Hour(s): 3.0

Rhetoric of American Issues. 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 & DIVERSITY-CTW

Credit Hour(s): 3.0

Communication and Diversity-CTW. Prerequisite: Spch 3250 with grade of C or higher. 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 Hour(s): 3.0

Honors Thesis: Research. Prerequisites: consent of the instructor and Honors Program director. Readings or research preparatory to honors thesis or project.

SPCH 4880 HONORS THESIS: WRITING

Credit Hour(s): 3.0 TO 6.0

Honors Thesis: Writing. Prerequisites: Spch 4870 with grade of C or higher and consent of instructor and Honors Program director. Writing or production of honors thesis or project.

SPCH 4890 SPECIAL PROJECT

Credit Hour(s): 3.0

Special Project. Prerequisites: Nine hours credit in the major and consent of instructor. Individually-designed project in speech, utilizing on-campus and field resources. May be repeated for a maximum of six hours.

SPCH 4980 INTERNSHIP

Credit Hour(s): 1.0 TO 6.0

Internship. Prerequisite: eligibility criteria may be obtained from the Department of Communication Internship Coordinator. Representative field experiences in areas related to the speech major.

SPCH 4995 DIRECTED READINGS B.I.S.-CTW

Credit Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

SW SOCIAL WORK

SW 2000 INTRO TO SOCIAL WORK

Credit Hour(s): 3.0

Introduction to Social Work. 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 DIVERSI

Credit Hour(s): 3.0

Communication/Cultural Diversity. 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

SW 3200 SOC WELFARE INSTITUTIONS

Credit Hour(s): 3.0

Social Welfare Institutions. 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 HUM BEHVR & SOC ENV I CTW

Credit Hour(s): 3.0

Human Behavior and the Social Environment I. 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 HUM BEHVR & SOC ENV II

Credit Hour(s): 3.0

Human Behavior and the Social Environment II. Prerequisite: HBSEI. 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 SW RESEARCH

Credit Hour(s): 3.0

Methods of Social Work Research Prerequisite: Math 1070. 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- CTW

Credit Hour(s): 3.0

Social Welfare Policy. Prerequisites: Econ 2105, SW 3320. 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 COMM SKILLS SOCIAL WORK

Credit Hour(s): 3.0

Communication Skills for Social Workers. 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

Credit Hour(s): 3.0

Case Management & Community Resources in Social Work 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 Hour(s): 3.0

Social Work Methods I. 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 Hour(s): 3.0

Social Work Methods II. Continuation of SW 3720. 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 Hour(s): 3.0

Group Facilitation. 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 ADMIN

Credit Hour(s): 3.0

Social Work Administration. 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 HEALTH CHALLENGES

Credit Hour(s): 3.0

Contemporary Health Challenges. 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 & THE LAW

Credit Hour(s): 3.0

Social Work and the Law. 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

Credit Hour(s): 3.0

Economics of Poverty and Public Policy. 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 Hour(s): 3.0

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 4450 CHILD MALTREATMENT

Credit Hour(s): 3.0

Child Maltreatment Practice Policy and Research Child abuse and neglect are viewed within an historical and contemporary context with particular emphasis on the medical, legal, social, and cultural aspects of abused and neglected individuals. The meaning of abusive behavior particularly is examined in relation to family systems.

SW 4460 AGING PRACTICE

Credit Hour(s): 3.0

Aging Practice, Policy and Research 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

Credit Hour(s): 3.0

Substance Abuse Practice, Policy and Research Issues 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

Credit Hour(s): 3.0

Disabilities Practice, Policy, and Research 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

Credit Hour(s): 3.0

Child Welfare Practice, Policy, and Research This course is an introduction to the range of child welfare services including foster care, adoptions, permanency planning, and family preservation. Students will learn the effects that youth violence, substance abuse, HIV, and homelessness have on service.

SW 4500 FIELD EDUCATION I

Credit Hour(s): 6.0

Field Education I. Prerequisites: Successful completion of all previous social work courses, except SW 3730 or

permission from the Director of Field Education. 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.

SW 4900 FIELD EDUCATION II

Credit Hour(s): 6.0

Field Education II. Prerequisites: Successful completion of Practicum I. 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.

SW 4950 SELECTED TOPICS IN SW

Credit Hour(s): 3.0

Selected Topics in Social Work. 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 SW ISSUES

Credit Hour(s): 1.0 TO 6.0

Seminar on Social Work Issues and Problems. An examination of problems, current issues, or areas of special interest related to the social work profession.

SW 4990 DIRECTED INDIVIDUAL STUDY

Credit Hour(s): 1.0 TO 6.0

Directed Individual Study. 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.

SWAH SWAHILI

SWAH 1002 ELEMENTARY SWAHILI II

Credit Hour(s): 3.0

Elementary Swahili II. Prerequisite: Swah 1001 with grade of C or higher, or equivalent. 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 Hour(s): 3.0

Intermediate Swahili I. Prerequisite: Swah 1002 with grade of C or higher, or equivalent. 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 Hour(s): 3.0

Intermediate Swahili II. Prerequisite: Swah 2001 with grade of C or higher, or equivalent. 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.

TEXT TEXTILES

TEXT 3000 FIBERS, COLORS, DYES, & DYEING

Credit Hour(s): 3.0

Fibers, Colors, Dyes, and Dyeing. Prerequisites: Art 1010, 1020,1030, and AH 1700 with grades of C or higher. Fiber identification, synthetic immersion dye technology including indigo dye. Investigation of color theory and color mixing based on resist dye process including shibori, plangi, tritik, batik, and felt making. Lab Fee: $110.00.

TEXT 3100 SURFACE DESIGN I

Credit Hour(s): 3.0

Surface Design I. Prerequisites: Art 1010, 1020,1030, and AH 1700 with grades of C or higher.Application of repeated surface pattern on fabric. Paste-resist dyeing, mordant dyeing, and direct printing through the use of stencil. Modern and pre-modern dyes are explored on natural fiber. Lab Fee: $60.00.

TEXT 3200 TEXTILE STRUCTURES I

Credit Hour(s): 3.0

Textile Structures I. Prerequisites: Art 1010, 1020, 1030, and AH 1700 with grades of C or higher. 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. Lab Fee: $60.00.

TEXT 3300 FIBERS, FABRICS, AND FORMS

Credit Hour(s): 3.0

Fibers, Fabrics, and Forms. Prerequisites: Art 1010, Art 1020, Art 1030, and AH 1700 with grades of C or higher. 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

Credit Hour(s): 4.0

Surface Design II: Photo Screen Printing. Prerequisites: ART 2000, 2100, 2200 and 2900 with grades of C or higher, or approval of instructor. Exploration of photo screen printing processes for art fabric and yardage. Investigation of repeats, complex surface design processes, and color interaction. Lab Fee: $115.00.

TEXT 3600 TEXTILE STRUCTURES II

Credit Hour(s): 4.0

Textile Structures II. Prerequisites: Text 3000, 3100, 3200, and 3910 with grades of C or higher, or consent of instructor. 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. Lab Fee: $95.00.

TEXT 3700 HEAT TRANSFER PRINTING

Credit Hour(s): 4.0

Heat Transfer Printing. Prerequisites: ART 2000, 2100, 2200 and 2900 with grades of C or higher, or approval of instructor. Thermal printing technology and its application on synthetic fiber in three-dimensional patterning and contemporary surface design. Design portfolio development, product design, and large scale art fabric. Lab Fee: $95.00.

TEXT 3800 DIGITAL TEXTILE DESIGN

Credit Hour(s): 4.0

Digital Textile Design. Prerequisites: Text 3000, 3100, and 3910 with grades of C or higher, or consent of instructor. 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. Lab Fee: $95.00.

TEXT 3900 SELECTED TOPICS IN TEXTILES

Credit Hour(s): 4.0

Selected Topics in Textiles. Prerequisites: ART 2000, 2100, 2200 and 2900 with grades of C or higher, or approval of instructor. Special topics for studio art majors. May be repeated for a maximum of eight credit hours if topics vary. Lab Fee: $60.00.

TEXT 3910 HISTORIC TEXTILES

Credit Hour(s): 3.0

Historic Textiles. Prerequisite: AH 1700 with grade of C or higher. 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.

TEXT 4500 DIRECTED STUDY: TEXTILE DESIGN

Credit Hour(s): 4.0

Directed Study in Textile Design. Prerequisites: Text 3000, Text 3100, and Text 3910 with grades of C or higher, or consent of instructor. 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. Lab Fee: $95.00.

TEXT 4800 DIGITAL TEXTILE DESIGN II

Credit Hour(s): 4.0

Digital Textile Design II. Prerequisite: Text 3800 with grade of C or higher, or consent of instructor. 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 Hour(s): 3.0

Internship in Textile Design. Prerequisite: Text 4500 with grade of C or higher. Supervised internship experience in a professional design studio or textile manufacturing center. This course must be requested one semester in advance.

TEXT 4940 PORTFOLIO I

Credit Hour(s): 3.0

Portfolio I. Prerequisite: Text 4500 with grade of C or higher. Senior-year studio experience for B.F.A. candidates. Committee review. Lab Fee: $70.00.

TEXT 4950 PORTFOLIO II-CTW

Credit Hour(s): 3.0

Portfolio II-CTW. Prerequisite: Text 4940 with grade of C or higher, or concurrently. 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. Lab Fee: $70.00.

TEXT 4980 SPECIAL PROBLEMS

Credit Hour(s): 1.0 TO 6.0

Special Problems. 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. Independent in-depth research and studio experience initiated by the student.

THEA THEATRE

THEA 1010 THEATRICAL DESIGN & PRODUCTION

Credit Hour(s): 4.0

Theatrical Design and Production. 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 Hour(s): 1.0

Theatre Workshop. Prerequisite: Thea 1010 with grade of C or higher. Theatre majors must repeat this course three times. This course requires students to fulfill a technical theatre assignment on live theatrical productions.

THEA 2040 INTRO TO THE THEATRE

Credit Hour(s): 3.0

Introduction to the Theatre. 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 Hour(s): 3.0

Acting I. Basic acting theories and techniques.

THEA 3000 LIGHTING DES:THEATR, FILM, TV

Credit Hour(s): 4.0

Lighting Design for Theatre, Film, and Television. Prerequisite for theatre majors: Thea 1010 with grade of C or higher. (Same as Film 3000 and Jour 3000.) Principles, processes, and aesthetics of lighting design for the theatre, film, and television. Lectures, discussion, and design practica aid students in the development of a lighting plot. Production crew work required.

THEA 3100 PLAY ANALYSIS-CTW

Credit Hour(s): 3.0

Play Analysis-CTW. 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 Hour(s): 3.0

Technical Production II. Prerequisite: Thea 1010 with grade of C or higher. 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 Hour(s): 3.0

Acting II. Prerequisite: Thea 2210 with grade of C or higher, or consent of instructor. Continuation of the study of the theories of acting with practice in applying techniques and skills.

THEA 3300 DRAMATIC WRITING

Credit Hour(s): 3.0

Dramatic Writing for Stage and Screen. Prerequisite: consent of instructor. (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 READINGS

Credit Hour(s): 1.0 TO 3.0

Honors Reading. Prerequisites: consent of the instructor and Honors Program director. Discussion and readings on selected topics.

THEA 4000 ACTING FOR THE CAMERA

Credit Hour(s): 4.0

Acting for the Camera. Prerequisite: Thea 2210 with grade of C or higher. (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 DIRECTD ACTVTS-TECHNICL THEATR

Credit Hour(s): 1.0 TO 3.0

Directed Activities in Technical Theatre. Prerequisites: Thea 1010 with grade of C or higher and consent of instructor. 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-CTW

Credit Hour(s): 3.0

Western Theatre History-CTW. 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 4080 NON-WESTERN THEATRE HISTORY

Credit Hour(s): 3.0

Non-Western Theatre History. Non-western theatre history and forms in Native American, Asian, African, and Oceanic cultures, including theatre design, performance and production techniques, and representative plays.

THEA 4090 AFRICAN-AMERICAN THEATRE

Credit Hour(s): 3.0

African-American Theatre. (Same as AAS 4650.) Examination of the history and contributions of African-Americans to the American theatre.

THEA 4130 STAGE MANAGEMENT

Credit Hour(s): 3.0

Stage Management. Prerequisites: Thea 1010 and Thea 3100 with grades of C or higher. 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 Hour(s): 3.0

Acting Styles. Prerequisite: Thea 3210 with grade of C or higher. 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 Hour(s): 3.0

Advanced Playwriting. Prerequisite: Thea 3300 with grade of C or higher. 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 & PRACTICE

Credit Hour(s): 3.0

Performance Theory and Practice. Prerequisite: Thea 4070 or 4080 with grade of C or higher. 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 Hour(s): 3.0

Directing. Prerequisites: Thea 2210 with grade of C or higher, nine hours of major credit, or consent of instructor. Theory and analysis for directing theatrical productions, including practical exercises and directing a one-act play.

THEA 4860 SPECIAL TOPICS

Credit Hour(s): 3.0

Special Topics. Prerequisite: consent of instructor. Special topics in theatre performance and playwriting.

THEA 4870 HONORS THESIS: RESEARCH

Credit Hour(s): 3.0

Honors Thesis: Research. Prerequisites: consent of the instructor and Honors Program director. Reading or research preparatory to honors thesis or project.

THEA 4880 HONORS THESIS: WRITING

Credit Hour(s): 3.0 TO 6.0

Honors Thesis: Writing. Prerequisites: Thea 4870 with grade of C or higher, consent of instructor or Honors Program director. Writing or production of honors thesis or project.

THEA 4890 SPECIAL PROJECT

Credit Hour(s): 3.0

Special Project. Prerequisites: Nine hours major credit and consent of instructor. Independent study in theatre. May be repeated to a maximum of six hours.

THEA 4950 PRODUCTION SEMINAR

Credit Hour(s): 4.0

Production Seminar. Prerequisite: consent of instructor. 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 Hour(s): 1.0 TO 6.0

Internship. Prerequisite: eligibility criteria may be obtained from the Department of Communication Internship coordinator. Representative field experiences in theatre and related areas.

THEA 4995 DIRECTED READINGS B.I.S.-CTW

Credit Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

TURK TURKISH

TURK 1001 ELEMENTARY TURKISH I

Credit Hour(s): 3.0

Elementary Turkish I. 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 Hour(s): 3.0

Elementary Turkish II. 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 Hour(s): 3.0

Intermediate Turkish I. Prerequisite: Turk 1002 with grade of C or higher, or equivalent. 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 Hour(s): 3.0

Intermediate Turkish II. Prerequisite: Turk 2001 with grade of C or higher, or equivalent. 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 4500 TURKEY STUDY ABROAD

Credit Hour(s): 3.0

Turkey Study Abroad. In this course students will explore Turkey's culture and history through direct field experience in the country. Students will visit the grand city of Istanbul and other key sites around the country. Turkish language competency is not required.

WST WOMEN'S STUDIES

WST 2010 INTRO TO WOMEN'S STUDIES

Credit Hour(s): 3.0

Introduction to Women's Studies. History and purposes of women's studies, basic concepts, and issues.

WST 3010 FEMINIST THEORIES-CTW

Credit Hour(s): 3.0

Feminist Theories-CTW. Prerequisite: WSt 2010. 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.

WST 3030 INTRODUCTION TO LGBT STUDIES

Credit Hour(s): 3.0

Introduction to LGBT Studies. Prerequisite: WSt 2010. 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.

WST 3120 FAMILIES AND SOCIETY

Credit Hour(s): 3.0

Families and Society. Prerequisite: WSt 2010. (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.

WST 3130 GENDER AND SOCIETY

Credit Hour(s): 3.0

Gender and Society. Prerequisite: WSt 2010. (Same as Soci 3216.) Social construction of gender, gender-based stratification, and power dynamics.

WST 3140 BIRTH AND PARENTHOOD

Credit Hour(s): 3.0

Birth and Parenthood. Prerequisite: WSt 2010. (Same as Soci 3152.) Pregnancy, birth, and parenting; fatherhood and motherhood in a social and historical context.

WST 3150 SEXUALITY AND SOCIETY

Credit Hour(s): 3.0

Sexuality and Society. Prerequisite: WSt 2010. 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.

WST 3356 QUEER IDENTITIES

Credit Hour(s): 3.0

Queer Identities. Prerequisite: WSt 2010. (Same as Soci 3356.) Social construction of gay, lesbian, and bisexual identities, contemporary issues, including types and effects of discrimination based on sexual identity.

WST 3960 AFR-AMER LITERATURE BY WOMEN

Credit Hour(s): 3.0

African-American Literature by Women. Prerequisite: WSt 2010. (Same as AAS 3960 and Engl 3960.) A survey of literature from the eighteenth century to the present. Includes such authors as Wilson, Wheatley, Larsen, Hurston, Dove, Hansberry and Morrison.

WST 3980 WOMEN'S LITERATURE I

Credit Hour(s): 3.0

Women's Literature I. Prerequisite: WSt 2010. (Same as Engl 3980.) Selected works by women writers before 1800. May include such writers as Julian of Norwich, Christine de Pisan, Elizabeth I, Margaret Sidney, Behn, Burney, Wollstonecraft, and Austen.

WST 3990 WOMEN'S LITERATURE II

Credit Hour(s): 3.0

Women's Literature II. Prerequisite: WSt 2010. (Same as Engl 3990.) Selected works by women writers after 1800.

Multicultural and inclusive in scope. May include such writers as Mary Shelley, the Brontes, Dickinson, Cather, Woolf, Emecheta, Hurston, Morrison, and Esquivel.

WST 3995 FEMINIST LITERARY CRITICISM

Credit Hour(s): 3.0

Feminist Literary Criticism. Prerequisite: WSt 2010. (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.

WST 4020 GENDER IN CRIMINAL JUSTICE

Credit Hour(s): 3.0

Gender in Criminal Justice. Prerequisite: WSt 2010. (Same as CrJu 4010.) An examination of gender issues and the role they play in various aspects of the criminal justice system - policing, courts, and corrections.

WST 4040 GEN/RACE/CLASS IN COMPLEX SOC

Credit Hour(s): 3.0

Gender, Race, and Class in Complex Societies. Prerequisites: WSt 2010 and Anth 2020, or consent of instructor. (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.

WST 4050 GLOBAL PERS ON VIOL AGNST WOM

Credit Hour(s): 3.0

Global Perspectives on Violence Against Women. Prerequisite: WSt 2010. (Same as Soci 4050.) Comparative course investigating women's experiences of violence inside and outside of 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.

WST 4060 SEXUAL AND INTIMATE VIOLENCE

Credit Hour(s): 3.0

Sexual and Intimate Violence. Prerequisite: WSt 2010. (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.

WST 4070 FAM VIOLENCE & CRIM JUSTICE

Credit Hour(s): 3.0

Family Violence and Criminal Justice. Prerequisite: WSt 2010. (Same as CRJU 4070.) This course examines how the justice system responds to family violence.

WST 4116 AGING AND SOCIETY

Credit Hour(s): 3.0

Aging and Society. Prerequisite: WSt 2010. (Same as Soci 4116 and 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.

WST 4130 COMMUNICATION AND GENDER

Credit Hour(s): 3.0

Communication and Gender. Prerequisite: WSt 2010. (Same as Spch 4490.) The influence of gender (social definitions of maleness and femaleness) on public, interpersonal, and mass communication.

WST 4150 WOMEN AND MEDIA

Credit Hour(s): 3.0

Women and Media. Prerequisite: WSt 2010. (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.

WST 4210 GENDER AND POWER

Credit Hour(s): 3.0

Gender and Power in Ethnographic Perspective. Prerequisites: WSt 2010, and Anth 2020 with grade of C or higher, or consent of instructor. (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.

WST 4240 SEXUALITY AND GENDER IN ASIA

Credit Hour(s): 3.0

Sexuality and Gender in Asia. Prerequisites: None. (Same as WSt 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.

WST 4310 GIRLS

Credit Hour(s): 3.0

Girls. Prerequisite: WSt 2010. (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.

WST 4340 GENDER AND FILM

Credit Hour(s): 3.0

Gender and Film. Prerequisite: WSt 2010. (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.

WST 4360 PHIL PERSPECTIVES ON WOMEN

Credit Hour(s): 3.0

Philosophical Perspectives on Women. Prerequisite: WSt 2010. (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.

WST 4370 WOMEN AND RELIGION

Credit Hour(s): 3.0

Women and Religion. Prerequisite: WSt 2010. (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.

WST 4440 WOMEN IN AMERICA

Credit Hour(s): 4.0

Women in America. Prerequisite: WSt 2010. (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.

WST 4470 VISUAL CULTURE

Credit Hour(s): 4.0

Visual Culture. Prerequisite: WSt 2010. (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.

WST 4510 FEMINIST POLITICAL THEORY

Credit Hour(s): 3.0

Feminist Political Theory. Prerequisite: WSt 2010. (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.

WST 4520 FEMINISM AND TECHNOLOGY

Credit Hour(s): 3.0

Feminism and Technology. Prerequisite: WSt 2010. (Same as Engl 4520.) Examines recent feminist cultural studies of science and technology. May include feminist theories of science, women's technological work, and cyberfeminism, and may require projects involving film, popular culture, new media, and online activism.

WST 4590 CULTURAL STUDIES OF GENDER

Credit Hour(s): 3.0

Cultural Studies of Gender. Prerequisite: WSt 2010. 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.

WST 4620 PSYCHOLOGY OF WOMEN

Credit Hour(s): 3.0

Psychology of Women. Prerequisites: WSt 2010, and Psyc 1101 with grade of C or higher, or consent of instructor. (Same as Psyc 4620.) Historical and developmental themes regarding the psychology of women, issues of capacities, choices, stereotypes, status, psychological adjustment, and diversity in women.

WST 4650 GENDER & SEXUALITY EURO HIST

Credit Hour(s): 4.0

Gender and Sexuality in European History. Prerequisite: WSt 2010. (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.

WST 4740 WOMEN ARTISTS

Credit Hour(s): 3.0

Women Artists. Prerequisite: WSt 2010. (Same as AH 4750.) A survey of women artists from prehistory to the present.

WST 4750 BLACK FEMINIST THOUGHT

Credit Hour(s): 3.0

Black Feminist Thought. Prerequisites: WSt 2010. 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.

WST 4760 ACTIVISM: HISTORY AND THEORY

Credit Hour(s): 3.0

Activism: History and Theory. Prerequisite: WSt 2010. 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.

WST 4772 WOMEN IN AFRICA

Credit Hour(s): 3.0

Women in Africa. Prerequisite: WSt 2010. (Same as AAS 4772 and Hist 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.

WST 4780 AFR-AMER LESB & GAY ACTIVISM

Credit Hour(s): 3.0

African-American Lesbian and Gay Activism. Prerequisite: WSt 2010. (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.

WST 4790 WOMANISM

Credit Hour(s): 3.0

Womanism. Prerequisites: WSt 2010 and one of the following: WSt 3010, WSt 4750, WSt 4780, WSt 4110, AAS 4080, WSt 4450, AAS 4660, Hist 4260, WSt 4010, AAS 4530, Spch 4530, WSt 4312, AAS 4100, or Soci 4312. 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.

WST 4810 FEMINISM AND FOUCAULT

Credit Hour(s): 3.0

Feminism and Foucault. Prerequisite: WSt 2010. 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.

WST 4820 FEMINISM AND QUEER THEORY

Credit Hour(s): 3.0

Feminism and Queer Theory. Prerequisite: WSt 2010. 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.

WST 4830 CLASS MATTERS

Credit Hour(s): 3.0

Class Matters. Prerequisite: WSt 2010. 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.

WST 4840 ARAB AND ISLAMIC FEMINISMS

Credit Hour(s): 3.0

Arab and Islamic Feminisms. Prerequisite: WSt 2010. 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.

WST 4842 SEXUALITY AND NATIONALISM

Credit Hour(s): 3.0

Sexuality and Nationalism. Prerequisite: WSt 2010. 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.

WST 4844 YOUTH AND SEXUALITIES

Credit Hour(s): 3.0

Youth and Sexualities. Prerequisite: WSt 2010. 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.

WST 4845 GLOBALIZATION AND GENDER

Credit Hour(s): 3.0

Globalization and Gender. Prerequisite: WSt 2010. 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.

WST 4870 HONORS THESIS:RESEARCH

Credit Hour(s): 1.0 TO 6.0

Honors Thesis: Research. Prerequisites: WSt 2010 and consent of the instructor and Honors Program director. Readings or research preparatory to honors thesis or project.

WST 4880 HONORS THESIS: WRITING

Credit Hour(s): 1.0 TO 6.0

Honors Thesis: Writing. Prerequisites: WSt 2010, WSt 4870, and consent of the instructor and Honors Program director. Writing or production of honors thesis or project.

WST 4910 SPECIAL TOPICS

Credit Hour(s): 3.0

Special Topics. Prerequisite: WSt 2010. Intensive treatment of specified topics in women's studies. May be repeated for credit if topic varies.

WST 4911 SPECIAL TOPICS IN SEXUALITY

Credit Hour(s): 3.0

Special Topics in Sexuality Studies. Prerequisite: WSt 2010. Intensive treatment of specified topics in sexuality studies. May be repeated if topic varies.

WST 4912 SPEC TOPICS IN WOMEN'S STUDIES

Credit Hour(s): 1.0 TO 4.0

Special Topics in Women's Studies. Prerequisite: WSt 2010. Intensive treatment of specified topics in women's studies. May be repeated for credit if topic varies.

WST 4920 SENIOR RESEARCH-CTW

Credit Hour(s): 3.0

Senior Research-CTW. Prerequisites: WSt 2010 and 3010. 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.

WST 4950 INTERNSHIP-CTW

Credit Hour(s): 3.0

Internship-CTW. Prerequisites: WSt 2010 and 3010. 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.

WST 4995 DIRECTED READINGS B.I.S.-CTW

Credit Hour(s): 3.0 TO 4.0

Directed Readings B.I.S.-CTW. Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

WST 4999 DIRECTED READINGS

Credit Hour(s): 1.0 TO 4.0

Directed Readings. Prerequisite: WSt 2010 with a minimum grade of C and consent of instructor.

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 all provided.

The University System of Georgia

The University System of Georgia includes all state-operated institutions of higher education in Georgia; four research universities, two regional universities, 13 state universities, three state colleges, and 13 two-year colleges. These 35 public institutions are located throughout the state.

An 18-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 thirteen 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

Research Universities

Athens University of Georgia

Atlanta Georgia Institute of Technology

Atlanta Georgia State University

Augusta Medical College of Georgia

Regional Universities

Statesboro Georgia Southern University

Valdosta Valdosta State University

State Universities

Albany Albany State University

Americus	Georgia Southwestern State University
Augusta	Augusta State University
Carrollton	University of West Georgia
Columbus	Columbus State University
Dahlonega	North Georgia College and State University
Fort Valley	Fort Valley State University
Marietta	Southern Polytechnic State University
Milledgeville	Georgia College and State University
Morrow	Clayton State University
Savannah	Armstrong Atlantic State University
	Savannah State University

State Colleges

Dalton	Dalton State College
Lawrenceville	Georgia Gwinnett College
Macon	Macon State College

Two-Year Colleges

Albany	Darton College
Atlanta	Atlanta Metropolitan College
Bainbridge	Bainbridge College
Barnesville	Gordon College
Brunswick	Coastal Georgia Community College
Cochran	Middle Georgia College
Decatur	Georgia Perimeter College
Douglas	South Georgia College
Gainesville	Gainesville State College
Rome	Georgia Highlands College
Swainsboro	East Georgia College
Tifton	Abraham Baldwin Agricultural College
Waycross	Waycross College

Independent Research Unit

Savannah	Skidaway Institute of Oceanography

The Board of Regents

Members

Larry R. Ellis, Atlanta	State-at-Large	2009-2016

Larry Walker, Perry	State-at-Large	2009-2016
Robert F. Hatcher, Macon	State-at-Large	2006-2013
Philip A. Wilheit, Gainesville	State-at-Large	2006-2013
Donald M. Leebern, Jr., McDonough	State-at-Large	2005-2012
Rutledge A. Griffin, Jr., Valdosta	1st District	2007-2011
Doreen Stiles Poitevint, Bainbridge	2nd District	2004-2011
C. Thomas Hopkins, Jr. MD, Griffin	3rd District	2003-2010
Wanda Yancey Rodwell, Stone Mountain	4th District	2005-2012
Frederick E. Cooper, Atlanta	5th District	2010-2017
Kessel Stelling, Jr., Alpharetta	6th District	2008-2015
Richard L. Tucker, Duluth	7th District	2005-2012
W. Mansfield Jennings, Jr., Hawkinsville	8th District	2006-2013
James R. Jolly, Dalton	9th District	2008-2015
William H. NeSmith, Jr., Athens	10th District	2008-2015
Willis J. Potts, Jr., Rome	11th District	2006-2013
Benjamin J. Tarbutton, III, Sandersville	12th District	2006-2013
Kenneth R. Bernard, Jr., Douglasville	13th District	2007-2014

Officers and Administrative Staff

Willis J. Potts, Jr., Chair

Erroll B. Davis, Jr., Chancellor

Sabrina Thompson, Executive Assistant to the Chancellor

John Fuchko, III, Chief Audit Officer & Associate Vice Chancellor, Internal Audit

Rob Watts, Chief Operating Officer

Linda M. Daniels, Vice Chancellor, Facilities

Usha Ramachandran, Vice Chancellor, Fiscal Affairs

Lamar Veatch, Assistant Vice Chancellor, Georgia Public Library Service

Wayne Guthrie, Vice Chancellor, Human Resources

J. Burns Newsome, Vice Chancellor, Legal Affairs & Secretary to the Board

Shelley C. Nickel, Associate Vice Chancellor, Planning & Implementation

Susan Herbst , Executive Vice Chancellor & Chief Academic Officer

Melinda Spencer, Chief of Staff, Academic Affairs

Felita Williams, Assistant Vice Chancellor, Academic Planning

Marci M. Middleton, Assistant Vice Chancellor, Academic Programs

Bob Cernock, Associate Vice Chancellor, Data Administration & Chief Data Officer

Lynne Weisenbach, Vice Chancellor, Educator Preparation and Innovation

Linda M. Noble, Associate Vice Chancellor, Faculty Affairs

Ben Robinson, Executive Director

Curtis A. Carver, Jr., Vice Chancellor & Chief Information Officer

Susan Campbell Lounsbury, Assistant Vice Chancellor, Research & Policy Analysis

Virginia Michelich, Assistant Vice Chancellor, Student Achievement

Tonya Lam, Associate Vice Chancellor, Student Affairs

Thomas E. Daniel, Senior Vice Chancellor, Office of External Affairs

Christina Hobbs, Business Development Manager

Deborah Scott, Legislative Projects Director

Terry Durden, Assistant Vice Chancellor, Office of Economic Development

Amanda D. Seals, Executive Director, Government Relations

John Millsaps, Associate Vice Chancellor, Media & Publications

Georgia State University Administration

Mark P. Becker, Ph.D., President

Risa I. Palm, Ph.D., Senior Vice President for Academic Affairs & Provost

Walter T. Massey, Jr., B.S., Vice President for Development

Jerry J. Rackliffe, J.D., Senior Vice President for Finance and Administration

Douglass F. Covey, Ph.D., Vice President for Student Affairs

DeAnna J. Hines, B.S., Vice President for University Relations

Mary Beth Walker, Ph.D., Dean, Andrew Young School of Policy Studies

Lauren B. Adamson, Ph.D., Dean, College of Arts and Sciences

Fenwick H. Huss, Ph.D., Dean, J. Mack Robinson College of Business

Randy W. Kamphaus, Ph.D., Dean, College of Education

Susan J. Kelley, Ph.D., Dean, College of Health and Human Sciences

Steven J. Kaminshine, J.D., Dean, College of Law

Nancy H. Seamans, Ph.D., Dean, Libraries

Timothy M. Renick, Ph.D., Associate Provost for Academic Programs and Chief Enrollment Officer

J.L. Albert, M.S., Associate Provost for Information Systems and Technology

Peter Lyons, Ph.D., Associate Provost for Institutional Effectiveness

John F. Hicks, M.A., Associate Provost for International Affairs

Robert D. Morris, Ph.D., Associate Provost for Strategic Initiatives and Innovation

David J. Fraboni, B.S., Associate Vice President for Constituent Programs

W. John McCullum, M.S., Associate Vice President for Facilities Management

Elizabeth R. Jones, M.B.A., Associate Vice President for Finance

Amy R. Lederberg, Ph.D., Associate Vice President for Research

Robert H. Curry, Ph.D., Associate Vice President for Research Integrity

Rebecca Y. Stout, Ph.D., Associate Vice President for Student Affairs and Dean of Students

Christina Million, M.S., Assistant Vice President, Alumni Association

Wayne E. Reed, M.S.M., Assistant Vice President for Auxiliary and Support Services

Connie B. Sampson, M.S., Assistant Vice President and Chief of Police

Ramesh Vakamudi, M.A., Assistant Vice President for Facilities Acquisitions and Operations

Bruce R. Spratt, B.S., C.P.A., Assistant Vice President for Finance and Comptroller

Dale J. Palmer, B.A., Assistant Vice President for Finance and Operations, GSU Foundation

Linda J. Nelson, M.S., Assistant Vice President for Opportunity Development and Diversity Education Planning and Assistant Vice President for Human Resources

Albertha W. Barrett, M.B.A., Assistant Vice President for Research and Awards Administration

Kerry L. Heyward, J.D., University Attorney

Scott M. Burke, M.Ed., Director of Undergraduate Admissions

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 Student Advisement Center

Cheryl L. Levick, M.S., Director of Intercollegiate Athletics

Mailing addresses for university administrators are available at https://auxweb.gsu.edu/pobox.

Faculty

Andrew Young School of Policy Studies

Adams, Esther Kathleen, Ph.D. (University of Colorado at Boulder), Adjunct Professor of Economics

Bahl, Roy W., Jr., Ph.D. (University of Kentucky), Regents' Professor of Economics

Banzhaf, H. Spencer, Ph.D. (Duke University), Associate Professor of Economics

Beck, Elizabeth L., Ph.D. (University of Pittsburgh), Associate Professor of Social Work

Bell, Michael James, Ph.D. (University of Georgia), Professor of Practice of Public Management and Policy

Bhatt, Rachana, Ph.D. (University of Rochester), Assistant Professor of Economics

Blackwell, Brenda Sims, Ph.D. (University of Oklahoma)Associate Professor of Criminal Justice

Bourdeaux, Carolyn, Ph.D. (Syracuse University), Associate Professor of Public Management and Policy and Associate Director of the Fiscal Research Center

Breedlove, Ottive, Ph.D. (University of Georgia), Clinical Assistant Professor of Social Work

Brezina, Timothy J., Ph.D. (Emory University), Associate Professor of Criminal Justice

Brooks, Fred P. III, Ph.D. (University of Georgia), Associate Professor of Social Work

Cesur, Resul, Ph.D. (Georgia State University), Visiting Assistant Professor of Economics

Collins, Mattie Sue Carter, Ph.D. (Florida State University), Associate Professor of Criminal Justice

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

Dabney, Dean A., Ph.D. (University of Florida), Associate Professor of Criminal Justice

Daigle, Leah, Ph.D. (University of Cincinnati), Assistant Professor of Criminal Justice

Dear, Renanda Wood, M.S.W. (University of Georgia), Academic Professional in Social Work

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), Associate Professor of Economics

Finn, Mary A., Ph.D., (State University of New York, Albany), Professor of Criminal Justice

Flowers, Jim David, B.A. (Emory University), Director of External Affairs and Adjunct Instructor of Public Management and Policy

Friedmann, Robert R., Ph.D., (University of Minnesota), Professor of Criminal Justice and Distinguished Chair for Public Safety Partnerships

Frost, Shelby, Ph.D. (University of Colorado, Boulder), Clinical Associate Professor of Economics

Glass, Amy, Ph.D. (Brandeis University), Academic Professional in Social Work

Guastaferro, Wendy, Ph.D. (The State University of New York at Albany), Assistant Professor of Criminal Justice

Gurmu, Shiferaw, Ph.D. (Indiana University), Professor of Economics

Hansen, Carol D., Ph.D. (University of North Carolina, Chapel Hill), Associate Professor of Public Management and Policy and Member of the W. T. Beebe Institute of Personnel and Employment Relations

Hanson, Andrew, Ph.D. (Syracuse University), Assistant Professor of Economics

Hartinger-Saunders, Robin, Ph.D. (State University of New York at Buffalo), Assistant Professor of Social Work

Heaghney, Kenneth, Ph.D. (Rice University), Research Professor of Economics

Hildreth, Willliam Bartley, Ph.D. (University of Georgia), Professor of Public Management and Policy

Hinkle, Joshua, Ph.D. (University of Maryland), Assistant Professor of Criminal Justice

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

Hyppolite, Judex, Ph.D. (Indiana University at Bloomington), Visiting Assistant Professor of Economics

Ivery, Jan, Ph.D. (Virginia Commonwealth University), Assistant Professor of Social Work

Kagundu, Paul, Ph.D. (Georgia State University), Clinical Assistant Professor of Economics

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), Assistant Professor of Public Management and Policy

Klausner, Debra, M.S.W. (University of Georgia), Academic Professional in Social Work

Kropf, Nancy P., Ph.D. (Virginia Commonwealth University), Professor of Social Work and Director of the School 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, Terry, Ph.D. (University of Georgia), Assistant Professor of Social Work

Lewis, Gregory, Ph.D. (Syracuse University), Professor of Public Management and Policy and Director of the Joint Ph.D. Program in Public Policy

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

Locklin, Deon, M.Ed. (Auburn University), Director of the Public Performance and Management Group and Adjunct Instructor for Public Management and Policy

Long, Charles Richard, Ph.D. (Vanderbilt University), Associate Professor Emeritus of Economics

Luger, Richard P., Ph.D. (Universite de Montreal), Associate Professor of Risk Management Insurance and Economics

Lyons, Peter, Ph.D. (State University of New York, Buffalo), Associate Professor of Social Work and Associate Provost for Institutional Effectivness

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 Studies Program

Marton, James, Ph.D. (Washington University), Associate Professor of Economics

McEntire, Ranee, Ph.D. (Florida State University), Visiting Instructor in Criminal Justice

McLaughlin, Mary, M.S.W. (Boston College), Clinical Assistant Professor and BSW Program Director in Social Work

Mescon, Michael H., Ph.D. (New York University), Dean Emeritus of the Andrew Young School of Policy Studies and Regents' Professor Emeritus of Economics

Middleton, Spencer, M.S.W. (Howard University), Academic Professional in Social Work

Minyard, Karen J., Ph.D. (Georgia State University), Director of the Georgia Health Policy Center and Associate Research Professor of Public Management and Policy

Moore, Robert E., Ph.D. (Cornell University), Associate Dean of the Andrew Young School of Policy Studies and Associate Professor of Economics

Muftic, Lisa, Ph.D. (North Dakota State University), Assistant Professor of Criminal Justice

Newman, Harvey K., Ph.D. (Emory University), Chair, Professor of Public Management and Policy and Member of the W. T. Beebe Institute of Personnel and Employment Relations

Nigro, Lloyd G., Ph.D. (University of Southern California), Professor Emeritus of Public Management and Policy

O' Grace, Ph.D. (University of Kansas), Clinical Assistant Professor of Economics

Ohmer, Mary, Ph.D. (University of Pittsburgh), Assistant Professor of Social Work

Parko, Jr., Joseph Edward, M.B.A. (Georgia State University), Assistant Professor Emeritus of Public Management and Policy

Patton, Carl V., Ph.D. (University of California, Berkeley), President Emeritus of Georgia State University and Professor of Public Management and Policy, Professor of Geosciences

Payne, Brian K., Ph.D. (Indiana University of Pennsylvania), Professor and Chair of the Department of Criminal Justice

Poister, Theodore H., Ph.D. (Syracuse University), Professor of Public Management and Policy

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. (State University of New York, Albany), Associate Professor of Criminal Justice

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. (State University of New York at Stony Brook), Associate Professor of Public Management and 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, Elisabeth Eva Harrison, Ph.D. (Stockholm School of Economics), Professor of the J. Mack Robinson College of Business and Economics

Sadiraj, Vjollca, Ph.D. (University of Amsterdam), Assistant Professor of Economics

Saposnik, Rubin, Ph.D. (University of Minnesota, Twin Cities), Professor Emeritus of Economics

Saravia, Antonio V., Ph.D. (Arizona State University), Visiting Assistant Professor of Economics

Schnier, Kurt, Ph.D. (University of Arizona), Associate Professor of Economics

Scott, Lionel D., Jr., Ph.D. (The Ohio State University), Assistant Professor of Social Work

Seaman, Bruce A., Ph.D. (University of Chicago), Associate Professor of Economics

Searcy, Cynthia, Ph.D. (Syracuse University), Assistant Professor of Public Management and Policy

Sjoquist, David L., Ph.D. (University of Minnesota), Professor of Economics, Director of the Domestic Studies Programs, Executive Director of Research Atlanta, and Dan E. Sweat Distinguished Scholar Chair of Educational and Community Policy

Skogstad, Samuel M., Ph.D. (Washington University in St. Louis), Professor Emeritus of Economics

Smith, Willie Glenn, M.P.A. (Georgia State University), Adjunct Instructor 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

Swarthout, J. Todd, Ph.D. (University of Arizona), Assistant Research Professor of Economics

Tchernis, Rusty, Ph.D. (Brown University), Associate Professor of Economics

Teasdale, Brent, Ph.D. (Pennsylvania State University), Assistant Professor of Criminal Justice

Tekin, Erdal, Ph.D. (University of North Carolina, Chapel Hill), Associate Professor of Economics

Thomas, John Clayton, Ph.D. (Northwestern University), Professor of Public Management and Policy and Political Science

Topalli, Volkan, Ph.D. (Tulane University), Associate Professor of Criminal Justice

Valev, Neven, Ph.D. (Purdue University), 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

Warner, Barbara D., Ph.D. (State University of New York at Albany), Associate Professor of Criminal Justice

Waugh, William Lee, Jr., Ph.D. (University of Mississippi), Professor of Public Management and Policy and Political Science

Wertheimer, Mindy R., Ph.D. (Georgia State University) Clinical Associate Professor of Social Work

Whitley, Deborah M., Ph.D. (University of Pittsburgh), Associate Professor of Social Work

Willoughby, Katherine G., D.P.A. (University of Georgia), Professor of Public Management and Policy

Xu, Yongsheng, Ph.D. (Tulane University), Professor of Economics

Yang, Sue-Ming, Ph.D. (University of Maryland), Assistant Professor of Criminal Justice

Young, Dennis, Ph.D. (Stanford University), Professor of Public Management and Policy and Bernard B. and Eugenia A. Ramsey Chair of Non-Profit Enterprise

College of Arts and Sciences

Adamson, Lauren B., Ph.D. (University of California, Berkeley), Regents' Professor of Psychology

Ainsworth, James, Ph.D. (Ohio State University), Associate Professor of Sociology

Akbas, Erol, Ph.D. (University of Illinois at Chicago), Lecturer of Mathematics and Statistics

Akinyela, Makungu, Ph.D. (Emory University), Associate Professor of African-American Studies

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., M.A. (City College of New York, CUNY), Lecturer of the School of Music

Alcocer, Rudyard J., Ph.D. (University of Iowa), Associate Professor of Modern and Classical Languages

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

Allensworth, John, Ph.D. (Kent State University), Senior Lecturer of Geosciences

Allison, Stuart A., Ph.D. (University of Washington), Professor of Chemistry

Almond, Ian, Ph.D. (Edinburgh University), Professor of English

Altman, Andrew, Ph.D. (Columbia University), Professor of Philosophy and Research Director of the Jean Beer Blumenfeld Center for Ethics

Ambrose, Robert J., D.M. (Northwestern University), Associate 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

Andikfar, Hossein, Ph.D. (University of Illinois at Chicago), Lecturer of Mathematics and Statistics

Aneja, Ritu, Ph.D. (University of Delhi), Associate Professor of Biology

Anthony, Steven, J.D. (John Marshall Law School), Lecturer of Political 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), Professor and Chair of the Department of Psychology

Artese, Brian, Ph.D. (Northwestern University), Lecturer of English

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), 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), Assistant 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), Assistant Professor of Communication

Baro, Deborah, Ph.D. (University of Illinois), Associate Professor of Biology and Neuroscience

Barrow, Doyle J., Ph.D. (Georgia State University), Senior Lecturer of Chemistry

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

Bassett, Molly, Ph.D. (University of California), Assistant Professor of Religious Studies

Baumstark, Alfons L., Ph.D. (Harvard University), Professor of Chemistry and Co-director of the Center for Biotechnology and Drug Design

Baumstark, Barbara R., Ph.D. (Massachusetts Institute of Technology), Professor of Biology

Baunach, Dawn, Ph.D. (University of Virginia), Associate Professor of Sociology

Becker, Mark P., Ph.D. (Pennsylvania State University), Professor of Mathematics and Statistics and President

Belcher, Diane D., Ph.D. (Ohio State University), Professor of Applied Linguistics and English as a Second Language

Belinsky, Rachel, Ph.D. (St. Petersburg University, Russia), Lecturer of Mathematics and Statistics

Belkasim, Saeid, Ph.D. (University of Windsor), Associate Professor of Computer Science and Neuroscience

Bell, David M., Ph.D. (Emory University), 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

Bermudez, Maria Elena, Ph.D. (University of Georgia), Lecturer of Modern and Classical Languages

Berry, Jessica N., Ph.D. (University of Texas, Austin), Associate Professor of Philosophy

Beyah, Abdul R., Ph.D. (Georgia Institute of Technology), Associate Professor of Computer Science

Bhola, Jaman, M.S. (Georgia State University), Instructor of Computer Science

Biltoft, Carlolyn, Ph.D. (Princeton University), Assistant Professor of History

Blaustein, David, Ph.D. (Georgia State University), Senior Academic Professional of Biology

Blumi, Isa, Ph.D. (New York University), Assistant 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), Assistant Professor of Mathematics and Statistics

Bonnet, Solange S., Ph.D. (Columbia University), Senior Lecturer of Modern and Classical Languages

Bonnette, Lakeyta, Ph.D. (Ohio State University), Lecturer of Political Science

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

Bowie, Jennifer, Ph.D. (Texas Tech University), Assistant Professor of English

Bramlette, Teresa, M.F.A. (Virginia Commonwealth University), Senior Lecturer of Art and Design

Brattain, Michelle, Ph.D. (Rutgers State University), Associate Professor and Chair of the Department of History

Braunrot, Bruno, Ph.D. (Yale University), Professor of Modern and Classical Languages

Brewer, Matthew, Ph.D. (University of Wisconsin), 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), Regents' Professor of Biology

Broadwell, Sherry, Ph.D. (University of North Carolina), Lecturer of Psychology

Brooks, Jody, M.F.A. (Georgia State University), Lecturer of English

Brosnan, Sarah F., Ph.D. (Emory University), Assistant Professor of Psychology and Neuroscience

Brown, Chris, Ph.D. (University of Georgia), Assistant Professor 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, M.A. (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

Burleson, Mark, M.F.A. (Mills College), Associate Professor of Art and Design

Burmester, Elizabeth T., Ph.D. (University of Illinois, Chicago), Associate Professor of English

Burrison, John A., Ph.D. (University of Pennsylvania), Regents' Professor of English

Caldwell, Tanya, Ph.D. (University of Toronto), Associate Professor of English

Calhoun-Brown, Allison, Ph.D. (Emory University), Associate Professor of Political Science and Academic Director of 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 in the Middle East Institute

Cao, Xiajun, Ph.D. (State University of New York, Buffalo), Associate Professor of Computer Science

Carey, Henry F., Ph.D. (Columbia University), Associate Professor of Political Science

Carey, Stephen, Ph.D. (Washington State University), Assistant Professor of Modern and Classical Languages

Carlin, Ryan, Ph.D. (University of North Carolina, Chapel Hill), Assistant Professor of Political Science

Carlisle, Katie, Ph.D. (University of Toronto), Assistant Professor of Music

Carruth, Laura, Ph.D. (University of Colorado, Boulder), Associate Professor of Neuroscience and Biology

Carter, Christine, Ph.D. (Emory University), Lecturer of History

Carter, Marva, Ph.D. (University of Illinois at Urbana), Associate Professor of Music

Cash, Annette, Ph.D. (Ohio State University), Senior Lecturer of Modern and Classical Languages

Cavusgil, Sharon, M.A. (Michigan State University), Senior Lecturer of Applied Linguistics and English as a Second Language

Chapman, Rebekah, Ph.D. (University of Georgia), Lecturer of Biology

Chase, Nancy, Ph.D. (Emory University), Associate Professor of English

Chen, Guantao, Ph.D. (University of Memphis), Professor and Chair of the Department of Mathematics and Statistics

Cheshier, David, Ph.D. (University of Iowa), Associate Professor and Chair of the Department of Communication

Chin, Kuk Jeong, Ph.D. (Universitat Konstant, Germany), Assistant Professor of Biology

Christie, Eddie, Ph.D. (West Virginia University), Assistant Professor of English

Clancy, Andrew, Ph.D. (University of Texas, Austin), Senior Lecturer of Biology

Clarkson, Marsha G., Ph.D. (University of Florida), Associate Professor of Psychology

Clayton, Jordan A., Ph.D. (University of Colorado, Boulder), Assistant Professor of Geosciences

Clement, Richard, M.M. (Cincinnati-College Conservatory of Music), Assistant Professor of Music

Cleveland, Kimberly, Ph.D. (University of Iowa), Assistant Professor of Art and Design

Clewley, Robert, Ph.D. (University of Bristol, UK), Assistant Professor of Neuroscience and Mathematics and Statistics

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), Associate Professor of Psychology

Cohen, Rachelle, J., Ph.D. (University of Georgia), Lecturer of Psychology

Coleman, W. Dwight, M.M. (Northwestern University), Professor of Music and Director of the School of Music

Collins, C. Brennan, Ph.D. (Georgia State University), Academic Professional of English

Conner, Robin, Ph.D. (Emory University), Lecturer of History

Cook, Sarah, Ph.D. (University of Virginia), Professor of Psychology

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, Edward T., Ph.D. (University of Oklahoma), Lecturer of Philosophy

Crampton, Jeremy, Ph.D. (Pennsylvania State University), Associate Professor of Geosciences

Crenshaw, D. Michael, Ph.D. (Ohio State University), Professor of Physics and Astronomy

Crossley, Scott, Ph.D. (University of Memphis), Assistant 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), Academic Professional of Biology

Culley, Marci, Ph.D. (University of Missouri, Kansas City), Assistant Professor of Psychology

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, Ph.D (Arizona State University), Lecturer of Music

Dai, Dajun, Ph.D. (Southern Illinois University), Assistant Professor of Geosciences

Darnell, Kim, Ph.D. (Ohio State University), Senior Lecturer of Psychology

Darsey, James F., Ph.D. (University of Wisconsin, Madison), Associate Professor of Communication

Davenport, Melanie G., Ph.D. (Indiana University), Associate Professor of Art and Design

Davidson, Denise, Ph.D. (University of Pennsylvania), Associate Professor of History

Davis, Marni E., Ph.D. (Emory University), Assistant Professor of History

Davis, Patricia, Ph.D. (University of California-San Diego), Assistant Professor of Communication

Davis, Phillip, Ph.D. (University of California, Los Angeles), Associate Professor of Sociology

Davis, Sarita, Ph.D. (Cornell University), Assistant Professor of African-American Studies

Davis, Tomeka, Ph.D. (Emory University), Assistant Professor of Sociology

Decker, John R., Ph.D. (University of California, Santa Barbara), Assistant Professor of Art and Design

del Rio Parra, Elena, Ph.D. (Brown University), Associate Professor of Modern and Classical Languages

Delk, 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), Professor of Music and Director of the Center for Hellenic Studies

Deocampo, Daniel M., Ph.D. (Rutgers University), Associate Professor of Geosciences

Derby, Charles D., Ph.D. (Boston University), Regents' Professor of Neuroscience and Biology and Associate Dean for the Natural and Computational Sciences

Dhamala, Mukesh, Ph.D. (University of Kansas), Assistant Professor of Physics and Astronomy and Neuroscience

Diaz, Monica, Ph.D. (Indiana University), Assistant Professor of Modern and Classical Languages

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), Professor of English

Doig, Kathleen Hardesty, Ph.D. (Fordham University), Professor of Modern and Classical Languages

Doluweera, Sumith, Ph.D. (University of Cincinnati), Lecturer of Physics and Astronomy

Dongoski, Craig, M.F.A. (University of South Dakota), Associate Professor of Art and Design

Donnelly, Denise A., Ph.D. (University of Florida), Associate Professor of Sociology

Downs, William M., Ph.D. (Emory University), Associate Professor and Associate Dean for Social and Behavioral Sciences and Co-director of the Center for Human Rights and Democracy

Drennen, Craig, M.F.A. (Skowhegan School of Painting & Sculpture), Assistant Professor of Art and Design

Duffield, John S., Ph.D. (Princeton University), Professor of Political Science

Dunham, Audrea, Ph.D. (Temple University), Assistant Professor of African-American Studies

Dwyer, Sandra, Ph.D. (Emory University), Senior Lecturer of Philosophy

Edwards, Donald H., Jr., Ph.D. (Yale University), Regents' Professor of Neuroscience, Biology, and Physics and Astronomy

Edwards, Leslie, Ph.D. (University of Georgia), Lecturer of Geosciences

Edwards, Tonia, Ph.D. (Indiana University), Lecturer of Communication

Eichenbaum, Zehava, Ph.D. (Wiezmann Institute of Science, Rehovot, Israel), Associate Professor of Biology

Eichenberg-Eilon, Joab, Ph.D. (École des Hautes Études en Sciences Sociales), Lecturer in the Middle East Institute

Eilertson, Carmen, Ph.D. (North Dakota State University), Senior Lecturer of Biology

Elliott, W. Crawford, Ph.D. (Case Western Reserve University), Associate Professor and Chair of the Department of Geosciences

El-Mayas, Hanan, Ph.D. (University of East Anglia, England), Senior Lecturer of Biology

Elstak, Iwan, Ph.D. (Ohio State University), Assistant Professor of Mathematics and Statistics

Enescu, Florian, Ph.D. (University of Michigan, Ann Arbor), Associate Professor of Mathematics and Statistics

Erickson, Wayne, Ph.D. (University of New Mexico), Associate Professor of English

Eskew, Glenn, Ph.D. (University of Georgia), Professor of History

Evans, John, Ph.D. (Georgia State University, Lecturer of), Physics and Astronomy

Evans, Michael, Ph.D. (University of Maryland), Assistant Professor of Political Science

Fang, Yixin, Ph.D. (Columbia University), Assistant Professor of Mathematics and Statistics

Faye, Ph.D. (Indiana University), Assistant Professor of Modern and Classical Languages

Feit, Mario, Ph.D. (Johns Hopkins University), Assistant Professor of Political Science

Fernández-L'Hoeste, Héctor, Ph.D. (State University of New York, Stony Brook), Associate Professor of Modern and Classical Languages, and Director of the Center for Latin American and Latino/a Studies

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, Frank, Ph.D. (Bowling Green State University), Professor of Psychology

Floyd, Nancy, M.F.A. (California Institute of the Arts), Professor of Art and Design

Frackenpohl, David, M.M. (University of North Texas), Instructor of Music

Franklin, Daniel P., Ph.D. (University of Texas, Austin), Associate Professor of Political Science

Frantz, Kyle, J., Ph.D. (University of Florida), Associate Professor of Neuroscience and Biology

Fredriksen, Brandt, D.M.A. (State University of New York, Stony Brook), Associate Professor of the School of Music

Freeman, Carroll , M.P.A. (Oklahoma City University), Associate Professor of Music

Freer, Patrick K., Ph.D. (Columbia University), Associate Professor of Music

Frey, Teryl K., Ph.D. (California Institute of Technology), Regents' Professor of Biology and Director of the Molecular Basis of Disease Program

Friedman, Edward, Ph.D. (Duke University), Associate Professor of Communication

Friginal, Eric, Ph.D. (Northern Arizona University), Assistant 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), Assistant Professor of History

Fujioka, Yuki, Ph.D. (Washington State University), Associate Professor of Communication

Fuller, Kathryn K., Ph.D. (Johns Hopkins University), Professor of Communication

Gabler-Hover, Janet, Ph.D. (Ohio State University), Professor of English

Gadda, Giovanni, Ph.D. (University of Milan, Milan, Italy), Associate 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), Assistant Professor of Music

Gallant, Christine, Ph.D. (University of Minnesota), Professor of English

Gallo, Sergio, D.M.A. (University of California, Santa Barbara), Associate Professor of Music

Garfin, Deborah, Ph.D. (University of Minnesota-Twin Cities), Senior Lecturer of Psychology

Gayles, Jonathan, Ph.D. (University of South Florida), Associate Professor of African-American Studies

Gayman, Matthew , Ph.D. (Florida State University), Assistant Professor of Sociology

Gerber, Stuart, D.M. (University of Cincinnati), Associate Professor of Music

Germann, Markus W., Ph.D. (University of Calgary), Professor of Chemistry and Neuroscience

Gerschefski, Martha, Diploma (Juilliard School), Lecturer of Music

Gershon, Sarah, Ph.D. (Arizona State University), Assistant Professor of Political Science

Gies, Douglas R., Ph.D. (University of Toronto), 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, Associate Dean for the Fine Arts, and Director of the Center for Collaborative and International Arts

Gindhart, Maria P., Ph.D. (University of Pennsylvania), Associate Professor of Art and Design

Glover, Jeffrey B., Ph.D. (University of California, Riverside), Assistant Professor of Anthropology

Gobron, Louise M., M.A. (Georgia State University), Senior Lecturer of Applied Linguistics and English as a Second Language

Goldsleger, Cheryl, M.F.A. (Washington University), Professor and Director of the School of Art and Design

Goodman, Audrey, Ph.D. (Columbia University), Associate Professor of English

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

Greer, Susanna, Ph.D. (University of Alabama, Birmingham), Associate Professor of Biology

Greif, Meredith, Ph.D. (Pennsylvania State University), Assistant Professor of Sociology

Grindstaff, Davin, Ph.D. (Pennsylvania State University), Senior Lecturer of Communication

Grinshpon, Mark, Ph.D. (Virginia Polytechnic Institute and State University), 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), Lecturer of History

Grussendorf, Jeannie, Ph.D. (Bradford University, UK), Lecturer of Political Science

Gu, Baotong, Ph.D. (Purdue University), Associate Professor of English

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-Godsey, Angela, Ph.D. (Georgia State University), Lecturer of English

Hamelberg, Donald, Ph.D. (Georgia State University), Assistant Professor of Chemistry

Hamilton, David, Ph.D. (Georgia State University), Academic Professional of Chemistry

Han, Jun, Ph.D. (University of SC-Columbia), Assistant Professor of Mathematics and Statistics

Hankins, Katherine B., Ph.D. (University of Georgia), Assistant 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

Harper, Steven A., Ph.D. (University of Texas at Austin), Associate Professor of Music

Harrison, Robert, Ph.D. (Yale University), Professor of Computer Science and Biology

Hartgrove, Mary Kathryn, M.M. (Northwestern University), Associate Professor of Music

Hartley, Christie J., Ph.D. (University of Michigan), Assistant Professor of Philosophy

Hartwig, Melinda, Ph.D. (New York University), Associate Professor of Art and Design

Harvey, Adia M., Ph.D. (Johns Hopkins University), Assistant Professor of Sociology

Hastings, Gary, Ph.D. (Imperial College of Science and Technology), Associate Professor of Physics and Astronomy

Hatch, Anthony, Ph.D. (University of Maryland), Assistant Professor of Sociology

Haydon, Geoffrey, D.M.A. (University of Texas-Austin), Associate Professor of Music

He, Xiaochun, Ph.D. (University of Tennessee), Professor of Physics and Astronomy

Henary, Maged, Ph.D. (Georgia State University), Assistant Professor of Chemistry

Henrich, Christopher, Ph.D. (Yale University), Associate Professor of Psychology

Henry, Louis, M.S. (University of Maryland), Instructor of Computer Science

Henry, Todd, Ph.D. (University of Arizona), Professor of Physics and Astronomy

Herb, Michael, Ph.D. (University of California, Los Angeles), Associate Professor of Political Science and Director of the Middle East Institute

Herman, Jonathan, Ph.D. (Harvard University), Associate Professor of Religious Studies

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

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

Hoover, MSG, Lori, Instructor of Military Science

Horner, Amy J., Ph.D. (Georgia State University), Lecturer of Biology

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), Assistant 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

Hudson, Hugh D., Jr., Ph.D. (University of North Carolina, Chapel Hill), Professor of History

Huff, Robin Y., Ph.D. (Emory University), Senior Lecturer of Modern and Classical Languages

Huhman, Kim, Ph.D. (University of Georgia), Professor of Neuroscience and Psychology

Ivanov, Ivaylo, Ph.D. (The Scripps Research Institute), Assistant Professor of Chemistry

Jackson, Kesmic, Ph.D. (Tulane University), Lecturer of Biology

Jacobson, Stephen, Ph.D. (University of Michigan, Ann Arbor), Senior Lecturer of Philosophy

Jaret, Charles L., Ph.D. (University of Chicago), Professor of Sociology

Jarmakani, Amira J., Ph.D. (Emory University), Associate Professor of Women's Studies

Jiang, Chun, Ph.D. (Shanghai Brain Research Institute), Professor of Biology and Neuroscience

Johnson, Casonya, Ph.D. (Johns Hopkins University), Associate Professor of Biology

Johnson, Jeffrey, M.B.A. (The Citadel), Lecturer of Communication

Joseph, Deanna, M.M. (Eastman School of Music), Assistant Professor of Music

Joseph, Sheri L., Ph.D. (University of Georgia), Associate Professor of English

Katz, Paul, Ph.D. (Cornell 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 Modern and Classical Languages

Kegley, Sarah, M.A. (Georgia State University), Lecturer of Applied Linguistics and English as a Second Language

Kemp, Candace, Ph.D. (McMaster University), Assistant Professor of Gerontology

Kennedy, G. Davon, Ph.D. (Emory University), Associate Professor of Chemistry

Kiage, Lawrence M., Ph.D. (Louisiana State University), Assistant Professor of Geosciences

Kibler-Herzog, Laura, Ph.D. (Georgia State University), Senior Lecturer of Chemistry

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, Tricia Zawacki, Ph.D. (University of Florida), Associate Professor of Psychology and Neuroscience

Kleider, 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), Lecturer of Sociology

Kozaitis, Kathryn A., Ph.D. (University of Michigan, Ann Arbor), Associate Professor and Chair of the Department of Anthropology

Krogstad, Eirik J., Ph.D. (SUNY at Stony Brook), Associate Professor of Geosciences

Kubala, Juliana, Ph.D. (Emory University), Senior Lecturer of Women's Studies

Kuhn, Clifford M., Ph.D. (University of North Carolina, Chapel Hill), Associate Professor of History

Kulikova, Svetlana, Ph.D. (Louisiana State University), Assistant Professor of Communication

Kuperminc, Gabriel, Ph.D. (University of Virginia), Professor of Psychology

Lamoreaux, Marika, Ph.D. (University of Delaware), Lecturer of Psychology

Langenkamp, Amy, Ph.D. (University of Texas at Austin), Assistant Professor of Sociology

LaRossa, Ralph E., Ph.D. (University of New Hampshire), Professor of Sociology

Larsson, L. Margareta, M.S. (Georgia State University), Lecturer of Applied Linguistics and English as a Second Language

Lasner, Matthew, Ph.D. (Harvard University), Assistant Professor of History

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

Lawrence, Jennifer, Ph.D. (Georgia State University), Academic Professional of English

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 Modern and Classical Languages

Lewis, Kelly, Ph.D. (Michigan State University), Assistant Professor of Psychology

Li, Hongmei, Ph.D. (University of Southern California), Assistant Professor of Communication

Li, Jian-Dong, M.D., Ph.D. (University of California, San Francisco), Professor of Biology, Eminent Scholar in Inflammation and Immunology, Director of Center for Inflammation, Immunity and Infection

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

Lightsey, Scott, Ph.D. (University of Delaware), Associate Professor of English

Lim, Jae, XX, Ph.D. (Chonnam National University), Assistant Professor in 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 of Communication

Liu, Aimin, Ph.D. (Stockholm University), Associate Professor of Chemistry

Liu, Haipeng, Ph.D. (University of Georgia), Lecturer of Mathematics and Statistics

Liu, Jiawei, Ph.D. (Pennsylvania State University), Assistant Professor of Mathematics and Statistics

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

Lloyd, Vincent, Ph.D. (University of California, Berkeley), Assistant Professor of Religious Studies

Long, Kenneth A., D.M.A. (State University of New York, Stony Brook), Assistant Professor of Music

Longobardi, Pam, M.F.A. (University of Georgia), 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

Lu, Chung-Dar, Ph.D. (Georgia State University), Professor of Biology

Luo, Ruiyan, Ph.D. (University of Wisconsin--Madison), Assistant Professor of Mathematics and Statistics

Malamud, Randy, Ph.D. (Columbia University), Professor of English

Mani, Ramesh G., Ph.D. (University of Maryland), Associate Professor of Physics and Astronomy

Manning, Carrie, Ph.D. (University of California, Berkeley), Professor of Political Science

Manson, Steven Trent, Ph.D. (Columbia University), Regents' Professor of Physics and Astronomy

Manzagol, Nilay, M.S. (Georgia State University), Academic Professional of Mathematics and Statistics

Marsh, Leslie, Ph.D. (University of Michigan), Assistant Professor of Modern and Classical Languages

Marshall, Daniel, M.F.A. (Georgia State University), Lecturer of English

Marshall, Peter, D.M.A. (Yale University), Academic Professional in Music

Marsh-Lockett, Carol, Ph.D. (Howard University), Associate Professor of English

Martin Samuel, Kameelah, Ph.D. (Florida State University), Assistant Professor of English

Mason, Marianne, Ph.D. (University of Georgia), Lecturer of Modern and Classical Languages

Masuda, Akihiko, Ph.D. (University of Nevada-Reno), Assistant 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), Lecturer in Music

Maxwell, Robert A., Ph.D. (Georgia State University), Academic Professional in Biology

Mazzotta, Mizuki, M.A. (McGill University), Instructor of Modern and Classical Languages

McAlister, Harold, Ph.D. (University of Virginia), Regents' Professor of Physics and Astronomy and Director of the Center for High Angular Resolution Astronomy

McClymond, Kathryn, Ph.D. (University of California, Santa Barbara), Professor and Chair of the Department of Religious Studies

McCombie, Susan, Ph.D. (University of Arizona), Associate Professor of Anthropology

McCoy, Jennifer, Ph.D. (University of Minnesota), Professor of Political Science

McFarland, Mark J., Ph.D. (University of California-Santa Barbara), Assistant Professor of Music

McHaney, Pearl, Ph.D. (Georgia State University), Associate Professor of English

McKay, Amy, Ph.D. (Duke University), Assistant Professor of Political Science

McLeod, Melissa, Ph.D. (Georgia State University), Lecturer of English

McMillian, John, Ph.D. (Columbia University), Assistant Professor of History

Meeks, Amanda, M.S. (Arizona State University), Lecturer of Applied Linguistics and English as a Second Language

Mendez, Hugo, Ph.D. (University of Virginia), Associate Professor of Modern and Classical Languages

Meyers, Marian J., Ph.D. (University of Iowa), Associate Professor of Communication

Millbrandt, Melody, Ph.D. (Florida State University), Professor of Art and Design

Miller, Frank, Ph.D. (Ohio State University), Senior Lecturer of Communication

Miller, Hugh Richard, Ph.D. (University of Florida), Professor and Chair of the Department of Physics and Astronomy

Miller, Valerie A., Ph.D. (University of South Carolina, Columbia), Associate Professor of Mathematics and Statistics

Mixdorf, Cory, D.M. (Indiana University), Assistant Professor of Music

Montiel, Mariana, Ph.D. (University of New Hampshire), Assistant Professor of Mathematics and Statistics

Moreno, Oscar, Ph.D. (University of Southern California), Senior Lecturer of Modern and Classical Languages

Morris, Mary K., Ph.D. (University of Florida), Associate Professor of Psychology and Neuroscience

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

Morrow, Cherilynn A., Ph.D. (University of Colorado), Professor of Physics and Astronomy

Moulson-Falewicz, Magdalena, Ph.D. (Huston Opera Studio), Lecturer of Music

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

Musco, Ann M., D.M.A. (University of Oregon), Assistant Professor of Music

Mutanyatta-Comar, Joan, Ph.D. (University of Botswana/University of Wurzburg), Lecturer of Chemistry

Myers, Carol, M.Ed. (Georgia State University), Lecturer of Mathematics and Statistics

Nadri, Ghulam A., Ph.D. (Leiden University), Assistant Professor of History

Nahmias, Edward, Ph.D. (Duke University), Associate 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), 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

Nguyen, Ken D., M.S. (Georgia State University), Lecturer of Computer Science

Nichols, Timothy, M.S. (Columbia University), Assistant Professor of Art and Design

Nichols, William, Ph.D. (Michigan State University), Associate Professor of Modern and Classical Languages

Noble, Mark, Ph.D. (Johns Hopkins University), Assistant Professor of English

Norton, Laurah, M.F.A. (Georgia State University), Lecturer of English

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

Oommen, Kavita, Ph.D. (Baylor College of Medicine), Lecturer of Biology

Orr, Nathaniel L., Ph.D. (University of North Carolina, Chapel Hill), Professor of Music

Owren, Michael, Ph.D. (Indiana University), Associate Professor of Psychology and Neuroscience

Özçaliskan, Seyda, Ph.D. (University of California, Berkeley), Assistant Professor of Psychology

Packwood Freeman, Carrie, Ph.D. (University of Oregon), Assistant 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, Bloomington), Associate Professor of Music

Pan, Yi, Ph.D. (University of Pittsburgh), Professor and Chair of the Department of Computer Science

Papavasiliou, Faidra, Ph.D. (Emory University), Lecturer of Anthropology

Parent, Marise, Ph.D. (University of California, Irvine), Associate Professor of Neuroscience and Psychology

Parilla, Jessica, Ph.D. (University of Florida), 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

Patyi, Imre, Ph.D. (Purdue University), Assistant Professor of Mathematics and Statistics

Pearman, Ann, Ph.D. (Washington University), Assistant Professor of the Gerontology and Psychology

Pendrick, Gerard, Ph.D. (Columbia University), Lecturer of Modern and Classical Languages

Pepping, Amanda, D.M.A. (University of Texas, Austin), Assistant Professor of Music

Peragine, Joseph, M.F.A. (Georgia State University), Associate Professor of Art and Design

Perera, Unil A. G., Ph.D. (University of Pittsburgh), Professor of Physics and Astronomy and Neuroscience

Perilla, Julia, Ph.D. (Georgia State University), Associate Professor of Psychology

Perla, George A., Ph.D. (University of California, Los Angeles), Associate Professor of Modern and Classical Languages

Perren, Alisa, Ph.D. (University of Texas-Austin), Associate Professor of Communication

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 Maparyan, Layli, Ph.D. (Temple University), Associate Professor of Women's Studies

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

Pollack, Junco, M.F.A. (Rochester Institute of Technology), Associate Professor of Art and Design

Poole, Therese, Ph.D. (University of Wisconsin, Madison), Senior Lecturer of Biology

Powers, Shawn, Ph.D. (Annenberg School for Communication), 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

Pullman, George L., Ph.D. (Rensselaer Polytechnic Institute), Associate Professor of English, Director of Writing Across the Curriculum, and Director of the Critical Thinking through Writing initiative

Qin, Gengsheng, Ph.D. (Hong Kong University of Science and Technology), Associate Professor of Mathematics and Statistics

Raengo, Alessandra, Ph.D. (New York University), Assistant Professor of Communication

Rainbolt, George W., Ph.D. (University of Arizona), Professor and Chair of the Department of Philosophy

Ramzy, Rasha, Ph.D. (Georgia State University), Lecturer of Communication

Rand, Sebastian, Ph.D. (Northwestern University), Assistant Professor of Philosophy

Ranga, Jayashree, Ph.D. (Bangalore University), Lecturer of Chemistry

Rapport, Aaron, Ph.D. (University of Minnesota), Assistant Professor of Political Science

Ray, Gigi, Ph.D. (Princeton University), Senior Lecturer of Chemistry

Reati, Fernando O., Ph.D. (Washington University, St. Louis), Professor and Chair of Modern and Classical Languages and Co-director of the Center for Human Rights and Democracy

Rehder, Vincent, Ph.D. (Free University, Berlin), Professor of Biology and Neuroscience

Reid, Lesley, Ph.D, Ph.D. (Tulane University), Associate Professor of Sociology

Reid, Michele, Ph.D. (University of Texas, Austin), Assistant Professor of History

Reifler, Jason, Ph.D. (Duke University), Assistant Professor of Political Science

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 and Chair of the Department of Sociology

Renick, Timothy M., Ph.D. (Princeton University), Professor of Religious Studies and Associate Provost for Academic Programs and Enrollment Services

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

Richardson, Susan, E., Ph.D. (The University of Texas, Austin), Assistant Professor of Art and Design

Richey, Sean, Ph.D. (City University of New York), Assistant Professor of Political Science

Richtarik, Marilynn J., D.Phil. (Oxford University), Associate Professor of English

Rivera, Luis, Ph.D. (State University of New York), Lecturer of Modern and Classical Languages

Rizzo, Rebecca, Ph.D. (Florida Institute of Technology), Senior Lecturer of Mathematics and Statistics

Roberts, James, Ph.D. (Pennsylvania State University), Senior Lecturer of Communication

Robin, Daniel, M.F.A. (San Francisco State University), Assistant Professor of Communication

Robins, Diana, Ph.D. (University of Connecticut), Associate Professor of Psychology and Neuroscience

Roche, Kathleen, Ph.D. (Johns Hopkins University), Associate Professor of Sociology

Rodrigo, Victoria, Ph.D. (University of Southern California), Associate Professor of Modern and Classical Languages

Rolinson, Mary, Ph.D. (Georgia State University), Lecturer of History

Romski, Mary Ann, Ph.D. (University of Kansas, Lawrence), Regents' Professor of Communication, Psychology, and Educational Psychology and Special Education, Associate Dean for Research and Graduate Studies and Director of the Center for Research on Atypical Development and Learning

Rose, Seth E., Ph.D. (University of Arizona), Associate Professor of Geosciences

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 and Chair of the Department of English

Rouse, Jacqueline A., Ph.D. (Emory University), Associate Professor of History

Roy, Parama, Ph.D. (University of Wisconsin-Milwaukee), Assistant Professor of Geosciences

Ruel, Erin, Ph.D. (University of Illinois-Chicago), Associate Professor of Sociology

Ruprecht, Louis, Jr., Ph.D. (Emory University), Professor of Religious Studies and William M. Suttles Chair of Religious Studies

Russell, Joshua T., M.F.A. (Louisiana State University), Associate Professor of English

Ryan, Maura, Ph.D. (University of Florida), Lecturer of Sociology

Sarkar, Sutandra, M.S. (Georgia Institute of Technology), Academic Professional of Mathematics and Statistics

Sarsour, Murad, Ph.D. (University of Houston), Assistant Professor of Physics and Astronomy

Savage, MAJ Anthony, B.S. (Pittsburg State University), Assistant Professor of Military Science

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), Associate Professor of Communication

Schlig, Carmen, Ph.D. (University of Texas, Austin), Associate Professor of Modern and Classical Languages

Schmidt, Paul H., Ph.D. (University of Minnesota), Associate Professor of English

Seelman, Marilyn M., D.M.A. (University of Miami), Assistant Professor of Music

Sehat, David, Ph.D. (University of North Carolina, Chapel Hill), Assistant Professor of History

Selwood, Jacob, Ph.D. (Duke University), Associate Professor of History

Sevcik, Rose, Ph.D. (Georgia State University), Professor of Psychology and Co-Director of the Research on Challenges to the Acquisition of Language and Literacy Program

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

Sheehan, Elizabeth, Ph.D. (Emory University), Lecturer of Psychology

Sheff, Elisabeth, Ph.D. (University of Colorado, Boulder), Assistant Professor of Sociology

Sheffield, MAJ Richard, B.S. (University of North Carolina, Charlotte), Assistant Professor of Military Science

Shilnikov, Andrey, Ph.D. (Nizhny Novgorod State University, Russia), Associate Professor of Neuroscience and Mathematics and Statistics

Simonds, Wendy, Ph.D. (City University of New York), Professor of Sociology

Singer, Martha, Ph.D. (Georgia State University), Associate Professor of English

Sinno, Nadine, Ph.D. (University of Arkansas), Assistant Professor in the Middle East Institute

Sinnott, Megan, Ph.D. (University of Wisconsin, Madison), Assistant Professor of Women's Studies

Skwiot, Christine, Ph.D. (Rutgers University), Associate Professor of History

Smalls,Ciara, Ph.D. (University of Michigan), Assistant Professor of Psychology

Smirnova, Alexandra, Ph.D. (Kansas State University), Associate 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

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, Wen Zhan, Ph.D. (Illinois Institute of Technology), Associate Professor of Computer Science

Stanford, Ruth, M.F.A. (Carnegie-Mellon University), Associate Professor of Art and Design

Starrick-Meeks, Amanda, M.A. (Arizona State University), 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), Assistant Professor of Political Science

Stewart, Faye, Ph.D. (Indiana University), Assistant Professor of Modern and Classical Languages

Stewart, Michael, Ph.D. (University of Illinois), Associate Professor of Mathematics and Statistics

Stewart, Tracie L., Ph.D. (Purdue University), Assistant Professor of Psychology

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

Strekowski, Lucjan, Ph.D. (Institute of Organic Chemistry), Professor of Chemistry and Neuroscience

Stuckey, Mary, Ph.D. (University of Notre Dame), Professor of Communication and Political Science

Subotic, Jelena, Ph.D. (University of Wisconsin), Assistant 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

Sunderraman, Rajshekhar, Ph.D. (Iowa State University), Professor of Computer Science and Neuroscience

Swanson, Peter B., Ph.D. (University of Wyoming), Assistant Professor of Modern and Classical Languages

Tabako, Tomasz, Ph.D. (Northwestern University), Associate Professor of Communication

Tai, Phang-Cheng, Ph.D. (University of California, Davis), Regents' Professor of Biology and Neuroscience, Chair of the Department of Biology, and Director of the Center for Biotechnology and Drug Design

Takatori, Yuki, Ph.D. (Yale University), Associate Professor of Modern and Classical Languages

Talburt, Susan, Ph.D. (Vanderbilt University), Associate Professor and Director of the Women's Studies Institute

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

Teran, LTC Dora, M.S. (Troy State University), Professor of Military Science

Terrell, Kenneth J., M.A. (University of Cincinnati), Senior Lecturer of Geosciences

Tester, Griff, Ph.D. (Ohio State University), Assistant Professor of Sociology

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), Lecturer of Political Science

Thota, Jyotsna, Ph.D. (University of Connecticut), Lecturer of Chemistry

Throop, Elizabeth, M.G.D. (North Carolina State University), Associate Professor of Art and Design

Timsina, Tirtha, Ph.D. (Virginia Polytechnic Institute and State University), Lecturer of Mathematics and Statistics

Tindall, Natalie, Ph.D. (University of Maryland), Assistant Professor of Communication

Tone, Erin McClure, Ph.D. (Emory University), Assistant Professor of Psychology and Neuroscience

Torres, Germán, Ph.D. (University of Georgia), Associate Professor of Modern and Classical Languages

Tullos, J. Kyle, Ph.D. (University of Georgia), Lecturer of Philosophy

Tully, Erin, Ph.D. (Emory University), Assistant Professor of Psychology

Turner, Bethany L., Ph.D. (Emory University), Assistant Professor of Anthropology

Tusher, Chantal Poister, Ph.D. (Georgia State University), Lecturer of Psychology

Ulrich, Paul, Ph.D. (University of Delaware), Lecturer of Biology

Umoja, Akinyele, Ph.D. (Emory University), Associate Professor of African-American Studies

Urquhart, Lela, Ph.D. (Stanford University), Assistant Professor of History

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), Associate Professor of Music

Vidakovic, Draga, Ph.D. (Purdue University), Associate Professor of Mathematics and Statistics

Vollmer, Niklas, M.F.A. (University of California, San Diego), Associate Professor of Communication

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), Professor and Chair of the Department of Chemistry and Eminent Scholar of Drug Discovery

Wang, Gangli, Ph.D. (University of North Carolina, Chapel Hill), Assistant Professor of Chemistry and Neuroscience

Washburn, David A., Ph.D. (Georgia State University), Professor of Psychology and Neuroscience and Director of the Language Research Center

Weaver, Scott, Ph.D. (State University of New York, Albany), Assistant Professor of Psychology

Weber, Irene, D., Ph.D. (Oxford University, Oxford, England), Professor of Biology, Chemistry, and Neuroscience

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), Associate Professor and Chair of the Department of Applied Linguistics and English as a Second Language

Weiner, Isaac, Ph.D. (University of North Carolina-Chapel Hill), Assistant Professor of Religious Studies

Weiskopf, Daniel, Ph.D. (Washington University), Assistant Professor of Philosophy and Neuroscience

Welch, Richard, Ph.D. (University of Denver), Lecturer of Communication

West, Christina, M.F.A. (New York State College), Lecturer of Art and Design

West, Elizabeth, Ph.D. (Emory University), Associate Professor of English

Weyermann, Andrea, Ph.D. (Georgia State University), Lecturer of Psychology

White, Cassandra, Ph.D. (Tulane University), Associate Professor of Anthropology

White, Michael A.A40, Sr., M. Arch. (Georgia Institute of Technology), Associate Professor of Art and Design

White, Russell, Ph.D. (University of California, Los Angeles), Assistant Professor of Physics and Astronomy

Wilczynski, Walter, Ph.D. (University of Michigan-Ann Arbor), Professor of Neuroscience and Psychology and Director of the Neuroscience Institute

Wilding, Nick, Ph.D. (European University Institute, Fiesole, Italy), Assistant Professor of History

Wilkin, Holley A., Ph.D. (University of Southern California), Assistant Professor of Communication

Williams, Ann, Ph.D. (University of Michigan), Assistant Professor of Communication

Williams, Frank L'Engle, Ph.D. (University of Massachusetts, Amherst), Associate Professor of Anthropology

Williams, Rihana S., Ph.D. (University of South Carolina), Assistant Professor of Psychology

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, Misty, Ph.D. (Texan A & M University), Lecturer of Communication

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

Wsol, Michael, M.Arch. (Georgia Institute of Technology), 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), Lecturer of Chemistry

Xu, Hao, Ph.D. (Scripps Research Institute), Assistant Professor of Chemistry

Yang, Jenny, Ph.D. (Florida State University), Professor of Chemistry and Neuroscience

Yao, Yongwei, Ph.D. (University of Kansas), Assistant Professor of Mathematics and Statistics

Young, Daniel, Ph.D. (University of California), Assistant Professor of Political Science

Young, Jeffrey, Ph.D. (Emory University), Lecturer of History

Young, Melissa, Ed.D. (University of Georgia), Lecturer of Modern and Classical Languages

Youngs, Larry R., Ph.D. (Georgia State 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), 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, Xu, Ph.D. (The Medical College of Wisconsin), Assistant Professor of Mathematics and Statistics

Zhang, Yanqing, Ph.D. (University of South Florida), Associate Professor of Computer Science and Neuroscience

Zhou, Hsiao-Ling, Ph.D. (University of Colorado, Boulder), Lecturer of Physics and Astronomy

Zhao, Yi, Ph.D. (Rutgers University), Associate Professor of Mathematics and Statistics

Zhao, Yichuan, Ph.D. (Florida State University), Associate Professor of Mathematics and Statistics and Neuroscience

Zheng, Yujun, Ph.D. (University of Miami), Assistant Professor of Chemistry

Zhong, Changyong, Ph.D. (Vanderbilt University), Lecturer of Mathematics and Statistics

Zhu, Ying, Ph.D. (George Mason University), Associate Professor of Computer Science and Neuroscience

College of Education

Albers, Margaret M., Ph.D. (Indiana University), Professor of Middle-Secondary Education and Instructional Technology

Alberto, Paul A., Ph.D. (Georgia State University), Regent's Professor of Educational Psychology and Special Education

Ancis, Julie R., Ph.D. (State University of New York), Professor of Counseling and Psychological Services

Appleberry, Cheryl L., M.S. (Georgia State University), Clinical Instructor of Kinesiology and Health

Ariail, Mary, Ph.D. (University of Georgia), Associate Chair and Associate Professor of Middle-Secondary Education and Instructional Technology

Arthur, Gary L., Ed.D. (Auburn University), Professor Emeritus of Counseling and Psychological Services

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-Secondary Education and Instructional Technology

Benson, Gwen, Ph.D. (University of Kansas), Clinical Associate Professor of Educational Psychology and Special Education, Associate Dean for School & Community Partnerships, and Director of the Alonzo A. Crim Center for Urban Educational Excellence

Berry, Jami, Ph.D. (Georgia State University), Clinical Assistant Professor of Educational Policy Studies

Bingham, Gary, Ph.D. (Purdue University), Assistant Professor of Early Childhood Education

Bohan, Chara, Ph.D. (University of Texas, Austin), Associate Professor of Middle-Secondary Education and Instructional Technology

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

Brown, Nancy, Ph.D. (Georgia State University), Clinical Assistant Professor of Middle-Secondary Education and Instructional Technology

Burns, Janet L., Ph.D. (Georgia State University), Clinical Associate Professor of Middle-Secondary Education and Instructional Technology

Cadenhead, Catherine P., Ph.D. (Georgia State University), Clinical Assistant Professor of Counseling and Psychological Services

Calandra, Brendan D., Ph.D. (University of South Florida), Associate Professor of Middle-Secondary Education and Instructional Technology

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-Secondary Education and Instructional Technology

Chang, Catherine, Ph.D. (University of North Carolina, Greensboro), Associate Professor of Counseling and Psychological Services

Choi, Jayoung, Ph.D. (Georgia State University), Clinical Assistant Professor of Middle-Secondary Education and Instructional Technology

Cianfrone, Beth A., Ph.D. (University of Florida), Assistant Professor of Kinesiology and Health

Commander, Nannette, Ph.D. (Georgia State University), Professor of Educational Psychology and Special Education

Criswell, Brett, Ph.D. (Pennsylvania State University), Clinical Assistant Professor of Middle-Secondary Education and Instructional Technology

Cross, Stephanie Behm, Ph.D. (Virginia Tech University), Clinical Assistant Professor of Middle-Secondary Education and Instructional Technology

Cunningham Wallen, Stacey, Ph.D. (The Ohio State University), Clinical Assistant Professor of Educational Psychology and Special Education

Curlette, William Lynch, Ph.D. (Syracuse University), Professor of Educational Policy Studies and Counseling and Psychological Services

Dangel, Julie A., Ph.D. (Georgia State University), Associate Professor of Early Childhood Education

Deming, Mary, Ph.D. (Georgia State University), Associate Professor of Middle-Secondary Education and Instructional Technology

Demir, Abdulkadir, Ph.D. (University of Missouri, Columbia), Assistant Professor of Middle-Secondary Education and Instructional Technology

Dew, Brian J., Ph.D. (The University of North Carolina), Associate Professor of Counseling and Psychological Services

Dias, Laurie B., Ph.D. (Georgia State University), Associate Professor of Middle-Secondary Education and Instructional Technology

Dixon, Andrea, Ph.D. (University of North Carolina, Greensboro), Associate Professor of Counseling and Psychological Services

Dobbs, Randall F., Ed.D. (Vanderbilt University), Clinical Associate Professor of Educational Policy Studies

Dooley, Caitlin, Ph.D. (University of Texas, Austin) Assistant Professor of Early Childhood Education

Doyle, James Andrew, Ph.D. (The Ohio State University), Associate Professor of Kinesiology and Health

Easterbrooks, Susan R., Ed.D. (University of Georgia), Professor of Educational Psychology and Special Education

Ellis, Rebecca, Ph.D. (University of Florida), Assistant Professor of Kinesiology and Health

Ennis, Robin, M.Ed. (Vanderbilt University), Limited Temporary Clinical Instructor of Educational Psychology and Special Education

Esposito, Jennifer, Ph.D. (Syracuse University), Assistant Professor of Educational Policy Studies

Fain, Angela C., M.Ed. (Georgia State University), Temporary Clinical Instructor of Educational Psychology and Special Education

Feinberg, Joseph, Ph.D. (University of Georgia), Assistant Professor of Middle-Secondary Education and Instructional Technology

Fernandes Williams, Rhina, Ph.D. (Emory University), Assistant Professor of Early Childhood Education

Fisher, Teresa, Ph.D. (Georgia State University), Temporary Clinical Assistant Professor of Early Childhood Education

Flint, Amy, Ph.D. (University of California, Berkeley) Associate Professor of Middle-School Education and Institutional Technology

Fournillier, Janice, Ph.D. (University of Georgia), Assistant Professor of Educational Policy Studies

Fowler, Linda P., M.S. (Florida State University), Assistant Professor of Educational Psychology and Special Education

Fox, Dana L., Ph.D. (University of Missouri, Columbia), Chair and Associate Professor of Middle-Secondary Education and Instructional Technology

Fredrick, Laura D., Ph.D. (Georgia State University), Associate Professor of Educational Psychology and Special Education

Gallagher, Peggy L., Ph.D. (University of North Carolina, Chapel Hill), Professor of Educational Psychology and Special Education and Chair of Educational Psychology and Special Education

Geil, Mark, Ph.D. (Ohio State University), Associate Professor of Kinesiology and Health

Gowen, Sheryl A., Ph.D. (Georgia State University), Associate Professor of Educational Policy Studies and Chair of Educational Policy Studies

Green, Katherine, M.S. (University of West Georgia), Temporary Clinical Instructor of Educational Psychology and Special Education

Greenberg, Daphne, Ph.D. (City University of New York), Associate Professor of Educational Psychology and Special Education

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), Associate Professor of Middle-Secondary Education and Instructional Technology

Hart, Lynn C., Ph.D., (Georgia State University), Professor of Early Childhood Education and Mathematics and Statistics

Heflin, L. Juane, Ph.D. (University of North Texas), Associate Professor of Educational Psychology and Special Education

Heller, Kathryn W., Ph.D. (Georgia State University), Professor of Educational Psychology and Special Education

Hill, Joseph A., Ph.D. (University of Georgia), Clinical Assistant Professor of Counseling and Psychological Services

Holbrook, Teri, Ph.D. (University of Georgia), Assistant Professor of Early Childhood Education

Houchins, David E., Ph.D. (University of Florida), Associate Professor of Educational Psychology and Special Education

Hutcheson, Philo A., Ph.D. (University of Chicago), Associate Professor of Educational Policy Studies

Ingalls, Christopher P., Ph.D. (Texas A&M University), Associate Professor of Kinesiology and Health and Physical Therapy

Irving, Miles A., Ph.D. (University of California, Santa Barbara), Associate Professor of Educational Psychology and Special Education

Jarrett, Olga S., Ph.D. (Georgia State University), Associate Professor of Early Childhood Education

Jett, Christopher, Ph.D. (Georgia State University), Clinical Assistant Professor of Middle-Secondary Education and Instructional Technology

Jolivette, Kristine, Ph.D. (Vanderbilt University), Associate Professor of Educational Psychology and Special Education

Junor-Clarke, Pier., Ph.D. (University of Toronto), Clinical Associate Professor of Middle-Secondary Education and Institutional Technology

Kamphaus, Randy, Ph.D. (University of Georgia), Dean of the College of Education and Distinguished Research Professor in Counseling and Psychological Services

Kaufmann, Jodi, Ph.D. (University of Georgia), Assistant Professor of Educational Policy Studies

Kesner, John E., Ph.D. (The Ohio State University), Associate Professor of Early Childhood Education

Kinuthia, Wanjira, Ph.D. (University of South Alabama), Associate Professor of Middle-Secondary Education and Institutional Technology

Kruger, Ann C., Ph.D. (Emory University), Associate Professor of Educational Psychology and Special Education

Kurumada, Katharine, Ph.D.. (Georgia State University), Clinical Assistant Professor of Early Childhood Education

Kwon, Kyong-Ah, Ph.D. (Purdue University), Assistant Professor of Early Childhood Education

Lakes, Richard D., Ph.D. (The Ohio State University), Associate Professor of Educational Policy Studies

Laures-Gore, Jacqueline, Ph.D. (University of Wisconsin, Madison), Associate Professor of Educational Psychology and Special Education

Laushey, Kelle, Ph.D. (Georgia State University), Clinical Associate Professor of Educational Psychology and Special Education

Lederberg, Amy R., Ph.D. (University of Minnesota), Professor of Educational Psychology and Special Education

Lemons-Smith, Shonda, Ph.D. (Indiana University), Assistant Professor of Early Childhood Education

Leonvotich, Melissa, Ph.D., Clinical Assistant Professor of Educational Psychology and Special Education

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-Secondary Education and Instructional Technology

Linens, Shelley, Ph.D. (Virginia Commonwealth University), Assistant Professor of Kinesiology and Health

Lomax, Edward Ph.D. (University of Pittsburgh, Main), Clinical Assistant Professor of Middle-Secondary Education and Instructional Technology

Lund, Jacalyn, L., Ph.D. (The Ohio State University), Chair and Associate Professor of Kinesiology and Health

Manley, Ollie, Ph.D. (Emory University), Clinical Assistant Professor of Middle-Secondary Education and Instructional Technology

Many, Joyce E., Ph.D. (Louisiana State University), Associate Dean of Academic Programs of the College of Education and Professor of Middle-Secondary Education and Instructional Technology

Martin-Hansen, Lisa, M., Ph.D. (University of Iowa), Assistant Professor of Middle-Secondary Education and Instructional Technology

Matthews, Ramona W., Ph.D. (University of Georgia), Professor of Early Childhood Education

May, Laura, Ph.D. (University of Texas, Austin), Assistant Professor of Early Childhood Education

Mays, Lydia, Ph.D. (Georgia State University), Clinical Assistant Professor of Early Childhood Education

McBride, Chantee, Ph.D. (University of Pittsburgh), Clinical Assistant Professor of Middle-Secondary Education and Instructional Technology

McGrail, Ewa, Ph.D. (Syracuse University), Associate Professor and Middle-Secondary Education and Instructional Technology

Meyers, Barbara, Ed.D. (Temple University), Associate Professor of Early Childhood Education and Chair of Early Childhood Education

Meyers, Joel, Ph.D. (University of Texas), Regents' Professor of Counseling and Psychological Services

Meyers, Laura, E., Ph.D. (Purdue University), Assistant Professor of Early Childhood Education

O'Rourke, Colleen M., Ph.D. (Wayne State University), Associate Professor of Educational Psychology and Special Education

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

Patton-Terry, Nicole, Ph.D. (Northwestern University), Assistant Professor of Educational Psychology and Special Education

Puvirajah, Anton, Ph.D. (Wayne State University), Assistant Professor of Middle-Secondary Education and Instructional Technology

Rambow, Mary W., M.A. (University of Kansas), Clinical Instructor of Educational Psychology and Special Education

Richardson, Hayward, Ed.D. (Wayne State University), Clinical Assistant Professor of Educational Policy Studies

Roach, Andrew, Ph.D. (University of Wisconsin, Madison) Assistant Professor of Counseling and Psychological Services

Rogers, Werner F., Ed.D. (University of Georgia), Visiting Professor of Educational Policy Studies

Rupp, Jeffrey C., Ph.D. (The Ohio State University), Associate Professor of Kinesiology and Health

Saxton, Ruth, Ph.D. (University of California, Berkeley), Clinical Assistant Professor of Early Childhood Education

Schafer, Nancy, Ph.D. (Georgia State University), Clinical Assistant Professor of Early Childhood Education

Schober-Peterson, Debra L., Ph.D. (University of Illinois, Urbana-Champaign), Clinical Associate Professor of Educational Psychology and Special Education

Shapiro, Deborah, Ph.D. (Indiana University), Associate Professor of Kinesiology and Health

Shoffner, Mary B., Ph.D (Kent State University), Associate Professor of Middle-Secondary Education and Instructional Technology

Sikes, April, Ph.D. (Old Dominion University), Clinical Assistant Professor of Counseling and Psychological Services

Smith, Laura H., Ph.D. (University of South Carolina), Clinical Assistant Professor of Early Childhood Education

Smith, Stephanie, Z., Ph.D. (University of Wisconsin-Madison), Associate Professor of Early Childhood Education

Steed, Elizabeth, Ph.D. (University of Oregon), Assistant Professor of Educational Psychology and Special Education

Stinson, David, W., M.Ed. (Georgia State University), Associate Professor of Middle-Secondary Education and Instructional Technology

Sullivan, Caroline, Ph.D. (University of Texas, Austin) Assistant Professor of Middle-Secondary Education and Instructional Technology

Swars, Susan, L., Ph.D. (University of Alabama), Associate Professor of Early Childhood Education

Tanguay, Carla, Ed.S. (Georgia State University), Clinical Instructor of Early Childhood Education

Thomas, Christine D., Ph.D. (Georgia State University), Associate Professor of Middle-Secondary Education and Instructional Technology

Thompson, Walter R., Ph.D. (The Ohio State University), Regents' Professor of Kinesiology and Health and Nutrition

Thornton-Reid, Floretta, Ed.D. (Valdosta State University), Clinical Assistant Professor of Early Childhood Education

Tighe, Ronda, Ph.D. (Georgia State University), Clinical Associate Professor of Educational Policy Studies

Tinker Sachs, Gertrude, Ph.D. (University of Toronto), Associate Professor of Middle-Secondary Education and Instructional Technology

Truscott, Diane M., Ph.D. (State University of New York at Buffalo), Associate Professor of Early Childhood Education

Truscott, Stephen D., Ph.D. (State University of New York), Associate Professor of Counseling and Psychological Services

Viel-Ruma, Kimberly, Ph.D. (Georgia State University), Clinical Assistant Professor of Educational Psychology and Special Education

Williams, Brian, Ph.D. (Emory University), Assistant Professor of Early Childhood Education

Williams, Bryan, Ph.D. (Pennsylvania State University), Professor of Educational Policy Studies

Williams, Shannon, Ph.D. (University of Georgia), Clinical Instructor of Kinesiology and Health

Wu, Jianhua (Jerry), Ph.D. (University of California, Davis), Assistant Professor of Kinesiology and Health

Wynne, Lauren, Ph.D. (Georgia State University), Clinical Assistant Professor of Counseling and Psychological Services

Yarbrough, Gladys, Ph.D. (Georgia State University), Clinical Assistant Professor of Middle-Secondary Education and Instructional Technology

Yi, Youngjoo, Ph.D. (Ohio State University), Assistant Professor of Middle-Secondary Education and Instructional Technology

Zabrucky, Karen M., Ph.D. (University of Toledo), Regents Professor of Educational Psychology and Special Education

Zhao, Yali, Ph.D. (University of Georgia), Associate Professor of Early Childhood Education

Zoss, Michelle, Ph.D. (University of Georgia), Assistant Professor of Middle-Secondary Education and Instructional Technology

School of Health Professions

Ari, Arzu, Ph.D. (Georgia State University), Assistant Professor of Respiratory Therapy

Benardot, Dan, Ph.D. (Cornell University), Professor of Nutrition and Head, Division of Nutrition

Bryant, Lawrence, M.P.H. (Emory University), Assistant Professor in Respiratory Therapy

Chen, Yu-ping, Sc.D. (Boston University), Assistant Professor of Physical Therapy

Cline, Jennifer,M.S. (Case Western Reserve University), Clinical Assistant Professor in Physical Therapy

Ganji, Vijay K., Ph.D. (University of Nebraska), Associate Professor of Nutrition

Garcia, Jodan, D.P.T (A.T Still University), Clinical Assistant Professor in Physical Therapy

Gardenhire, Douglas S., M.S. (Pittsburg State University), Clinical Instructor in Respiratory Therapy

Harwood, Robert J., M.S.A. (Central Michigan University), Clinical Assistant Professor of Respiratory Therapy

Hopkins, Barbara Lee, M.M.Sc. (Emory University), Clinical Assistant Professor of Nutrition

Janos, Steven, D.P.T (A.T Still University), Clinical Associate Professor in Physical Therapy

Kicklighter, Jana R., Ph.D. (Emory University), Associate Professor of Nutrition

Lewis, James, D.P.T (Boston University), Clincial Assistant Professor in Physical Therapy

Lorio, Ann, D.P.T (Alabama State University), Clinical Assistant Professor in Physical Therapy

McCarroll, Catherine S., M.P.H. (University of North Carolina, Chapel Hill), Coordinated Program Director in Nutrition

Moore, Christina, Ph.D (North Carolina State University), Assistant Professor in Nutrition

Ndirangu, Murugi, Ph.D. (University of Southern Mississippi), Assistant Professor of Nutrition

Nucci, Anita, Ph.D. (University of Pittsburgh), Assistant Professor and Graduate Program Director of Nutrition

Penumetcha, Meera, Ph.D. (Emory University), Assistant Professor of Nutrition

Rosenbloom, Christine Ann, Ph.D. (Georgia State University) Professor Emeritus in Nutrition

Sedenu, Bayo, Ph.D (New York University), Clinical Assistant Professor in Physical Therapy

Sheard, Meryl, M.S. (Georgia State University), Academic Professional in Respiratory Therapy

Thompson, A. Deon L., Ph.D. (Wake Forest University), Clinical Assistant Professor of Physical Therapy

Wang, Yong Tai, Ph.D. (University of Illinois), Professor of Physical Therapy and Kinesiology and Health

Warren, Gordon L., III, Ph.D. (University of Georgia), Professor of Physical Therapy and Kinesiology and Health

Zimmerman, Ralph, M.S.M. (Troy State University), Clinical Instructor in Respiratory Therapy

College of Law

Blasi, Ronald W., LL.M. (New York University), Professor of Law

Bross, James L., LL.M. (University of Pennsylvania), Professor of Law

Budnitz, Mark E., J.D. (Harvard University), Professor of Law

Carey, George J., LL.M. (Harvard University), Professor of Law

Chiovaro, Jennifer, J.D. (Georgia State University), Lecturer in Law

Curcio, Andrea A., J.D. (University of North Carolina), Associate Professor of Law

Edmundson, William A., J.D. (Duke University), Professor of Law

Emanuel, Anne S., J.D. (Emory University), Professor of Law

Flatt, Victor B., J.D. (Northwestern University), Associate Professor of Law

Girth, Marjorie L., LL.B. (Harvard University) Professor of Law

Gregory, William A., J.D. (Harvard University) Professor of Law

Griffith, Janice C., J.D. (University of Chicago), Professor of Law and Dean of the College of Law

Hartfield, Bernadette Weston, J.D. (University of California, Berkeley), Associate Professor of Law

Hensel, Wendy F., J.D. (Harvard University), Lecturer in Law

Hogue, L. Lynn, J.D. (Duke University), Professor of Law

Johnson, Nancy P., M.L.S., J.D. (Georgia State University), Law Librarian and Professor of Law

Juergensmeyer, Julian C., J.D. (Duke University), Ben F. Johnson Chair in Law

Kadish, Mark J., LL.B. (New York University), Associate Professor of Law

Kaminshine, Steven J., J.D. (DePaul University), Associate Professor of Law and Associate Dean of the College of Law

Kinkopf, Neil, J.D. (Case Western Reserve University), Assistant Professor of Law

Knowles, Marjorie Fine, LL.B. (Harvard University), Professor of Law

Landau, Michael B., J.D. (University of Pennsylvania), Professor of Law

Marvin, Charles A., M.Comp.L. (University of Chicago), Professor of Law

Mattingly, Basil H., J.D., (University of Kentucky), Associate Professor of Law

Milich, Paul S., J.D. (Georgetown University), Professor of Law

Morgan, Patricia T., J.D. (Emory University), Professor of Law

Podgor, Ellen S., LL.M., (Temple University), Professor of Law

Radford, Mary F., J.D. (Emory University), Professor of Law

Robinson, Linda, J.D. (Emory University), Lecturer in Law

Saito, Natsu, J.D. (Yale University), Associate Professor of Law

Scott, Charity, J.D. (Harvard University), Professor of Law

Segall, Eric J., J.D. (Vanderbilt University), Professor of Law

Sobelson, Roy M., LL.M. (Temple University), Professor of Law

Stephens, Corneill A., J.D. (University of Chicago), Associate Professor of Law

Tarrance, Janieen R., J.D., (Emory University), Lecturer in Law

Taylor, B. Ellen, J.D. (Emory University), Associate Professor of Law

Timmons, Kelly, C., J.D. (Vanderbilt University) Assistant Professor of Law

Williams, Jack F., J.D. (George Washington University), Professor of Law

Wiseman, Patrick, J.D. (Columbia University), Professor of Law

Yarn, Douglas H., J.D. (University of Georgia), Associate Professor of Law

J. Mack Robinson College of Business

Agarwal, Vikas, Ph.D. (London Business School), Associate Professor of Finance

Alvarez-Garrido, Elisa, Ph. D., The Wharton School, University of Pennsylvania, Assistant Professor

Arikan, Asli, Ph.D. (Ohio State University), Assistant Professor of Managerial Sciences

Arikan, Ilgaz, Ph.D. (Ohio State University), Assistant Professor of International Business

Ashraf, Rasha, Ph.D. (Georgia Institute of Technology), Clinical Assistant Professor of Finance

Barber, Diana, J.D. (Mercer University), Visiting Lecturer of Hospitality

Barksdale, Hiram C., Jr., Ph.D. (University of North Carolina, Chapel Hill), Associate Professor of Marketing

Barr, Pamela S., Ph.D. (University of Illinois, Urbana-Champaign), Professor of Managerial Sciences

Baskerville, Richard L., Ph.D. (London School of Economics), Professor of Computer Information Systems and holder of the Board of Advisors Professor in Computer Information Systems

Bauer, Daniel, Dr. rer. nat. (Ulm University), Assistant Professor of Risk Management and Insurance

Beach, James A., MBA (University of Hawaii), Instructor, Institute of International Business

Bellenger, Danny N., Ph.D. (University of Alabama), Professor Emeritus of Marketing

Bello, Daniel C., Ph.D. (Michigan State University), Director, Institute of International Business

Bernhardt, Kenneth Lee, Ph.D. (University of Michigan), Regents' Professor Emeritus of Marketing Binder, Perry Z., J.D. (State University of New York, Buffalo), Assistant Professor Legal Studies

Boers, Jacobus, MBA (Georgia State University), Instructor, Institute of International Business

Bogner, William C., Ph.D. (University of Illinois, Urbana-Champaign), Associate Professor of Managerial Sciences and Associate Chair of Managerial Sciences

Boles, James S., Ph.D. (Louisiana State University), Professor of Marketing and Research Director, Professional Selling and Sales Leadership Program

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, Lawrence D., Ph.D. (University of Rochester), Professor of Accountancy and Holder of the J. Mack Robinson Distinguished Professorship in Accountancy

Brown, Murray L., Ph.D. (University of Nebraska, Lincoln), Associate Professor of English

Brown, Nancy, Ph.D. (Georgia State University), Clinical Assistant Professor of Middle-Secondary Education and Instructional Technology

Brown, Nerissa, Ph.D. (University of Maryland), Assistant Professor of Accountancy

Bruce, David C., Ph.D. (University of Michigan), Professor of International Business

Bunch, Kay J., Ph.D. (Georgia State University), Instructor of Managerial Sciences

Butler, Deborah S., Ph.D. (Georgia State University), Associate Clinical Professor of Managerial Sciences

Cannon, Debra Franklin, Ph.D. (Georgia State University), Associate Professor of Hospitality Administration and Director of the Cecil B. Day School of Hospitality Administration

Carrillo, Pedro, M.I. P.P. (The Johns Hopkins University), Instructor in International Business

Cavusgil, S. Tamer, Ph.D (University of Wisconsin-Madison), Professor of International Business

Chen, Mark A., Ph.D. (Harvard University), Associate Professor of Finance

Choo, Adrian, Ph. D., University of Minnesota, Assistant Professor

Ciccotello, Conrad S., Ph.D. (Pennsylvania State University), Associate Professor of Risk Management and Insurance

Clark, Kris J., M.Acc. (University of Arizona), Instructor in Accountancy

Cobb-Walgren, Cathy J., Ph.D. (University of Texas, Austin), Associate Professor of Marketing

Costello, Jan, M.A. (Georgia State University), Instructor of Marketing.

Curasi, Carolyn F., Ph.D. (University of South Florida), Associate Professor of Marketing and Associate Director, Center for Mature Consumer Studies

Curry, Robert H., M.D. (University of Miami), Visiting Professor of Health Administration

Custer, William S., Ph.D., (University of Illinois), Associate Professor of Risk Management and Insurance (joint appointment as Director of the Center for Health Services Research)

Dadzie, Kofi Q., Ph.D. (Ohio State University), Associate Professor of Marketing

Dakhli, Mourad, Ph.D. (University of South Carolina), Assistant Professor of International Business

Danis, Wade, Ph.D. (Indiana University), Assistant Professor of International Business

Dhawan, Rajeev, Ph.D. (University of California, Los Angeles), Director of the Economic Forecasting Center

Diaz, Julian, III, Ph.D. (Georgia State University), Professor of Real Estate, Chair of the Department of Real Estate and Holder of the Richard Bowers & Company Professorship in Real Estate

Donthu, Naveen, Ph.D. (University of Texas, Austin), Katherine S. Bernhardt Research Professor of Marketing and Chair, Department of Marketing

Duhaime, Irene M., Ph.D. (University of Pittsburgh), Professor of Managerial Sciences and Associate Dean of the J. Mack Robinson College of Business

Eisemann, Peter C., Ph.D. (University of Michigan, Ann Arbor), Professor of Finance and H. Talmage Dobbs, Jr. Professor of Teaching Excellence

Ellen, Pam Scholder, Ph.D. (University of South Carolina, Columbia), Associate Professor of Marketing

Eroglu, Sevgin A., Ph.D. (Michigan State University), Associate Professor of Marketing

Fang, Xiaohua, Ph.D. (University of Toronto), Assistant Professor of Accountancy

Fazlollahi, Bijan, Ph.D. (Syracuse University), Professor of Managerial Sciences and International Business

Fazlollahi, Afag, Ph.D. (Georgia State University), Visiting Instructor

Fendler, Richard J., Ph.D. (University of Alabama), Assistant Professor of Finance

Fenn, Christopher J., M.Tx. (Georgia State University), Instructor in Accountancy

Ferreira, Raymond R., Ph.D., (University of Maryland), Associate Professor of Hospitality Administration

Forquer, David R., M.B.A. (Georgia State University), Lecturer in Managerial Sciences and Assistant Dean for Executive Education

Gallimore, Paul. Ph.D. (University of Keele), Professor of Real Estate

Gallivan, Michael, Ph.D. (Massachusetts Institute of Technology), Associate Professor of Computer Information Systems

Gay, Gerald D., Ph.D. (University of Florida), Professor of Finance and Chair of the Department of Finance

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, Martin F., Ph.D. (University of Florida), Professor of Risk Management and Insurance and Legal Studies and Holder of the James S. Kemper Professorship

Guymon, Ron, Ph.D. (University of Iowa), Clinical Assistant Professor of Accountancy

Hannan, R. Lynn, Ph.D. (University of Pittsburgh), Associate Professor of Accountancy

Hansen, Carol D., Ph.D. (University of North Carolina, Chapel Hill), Associate Professor of Public Management and Policy and Member of the W. T. Beebe Institute of Personnel and Employment Relations

Harris, Sidney E., Ph.D. (Cornell University), Professor of Computer Information Systems

Harrison, Glenn W., Ph.D. (UCLA), Professor and Holder of the C.V. Starr Chair of Risk Management and Insurance and Director, Center for the Economic Analysis of Risk (CEAR)

Hawley, Casey, M.A. (University of West Georgia), Instructor of Marketing

Henley, L. Gregory, Ph.D. (Columbia University), Clinical Assistant Professor, Director: Herman J. Russell Center for Entrepreneurship

Huang, Lixin, Ph.D. (University of Pennsylvania), Assistant Professor of Finance

Hupp, John, M.S. (Georgia State University), Instructor in Computer Information Systems

Huss, H. Fenwick, Ph.D., Dean, J. Mack Robinson College of Business

Joe, Jennifer R., Ph.D. (University of Pittsburgh), Associate Professor of Accountancy

Johanson, Misty M., Ph.D. (Michigan State University), Assistant Professor of Hospitality Administration

Johnston, Wesley J., Ph.D. (University of Pittsburgh), CBIM Roundtable Professor of Marketing and Director of the Center for Business and Industrial Marketing

Jones, Donald R., Ph.D. (University of Texas, Austin), Assistant Professor of Accountancy

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

Kale, Jayant R., Ph.D. (University of Texas, Austin), Professor of Finance and H. Talmage Dobbs, Jr. Chair of Finance

Keil, Mark, D.B.A. (Harvard University), Professor of Computer Information Systems and holder of the Board of Advisors Professor 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

Kini, Omesh, Ph.D. (Purdue University), Professor of Finance and Professor of Global Financial Markets

Klein, Robert W., Ph.D. (Michigan State University), Associate Professor of Risk Management and Insurance and Director of the Center for Risk Management and Insurance Research

Kumar, V., Ph.D. (University of Texas at Austin), Richard and Susan Lenny Distinguished Chair in Marketing and Director, 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), Instructor of Marketing

Lanier, E. Ray, J.D. (Emory University), Professor of Law and Legal Studies and Member of the W.T. Beebe Institute of Personnel and Employment Relations

Lemley, K. Christopher, M.B.A. (Georgia State University), Instructor in Marketing and Director, Professional Selling and Sales Leadership Program

Levine, Kenneth C., D.B.A. (Nova Southeastern University), Instructor of Managerial Sciences

Liu, LeighAnne, Ph.D. (Vanderbilt University), Assistant Professor of International Business

Liu, Zhiyong, Ph.D. (Northwestern University), Assistant Professor of Risk Management and Insurance

Loch, Karen D., Ph.D. (University of Nebraska, Lincoln), Associate Professor of Managerial Sciences and Director of Global Partners

Lohtia, Ritu, Ph.D. (University of Maryland), Associate Professor of Marketing

Luger, Richard, Ph.D. (University of Montreal), Associate Professor of Risk Management and Insurance (joint appointment in the Department of Economics)

Luippold, Ben, Ph.D. (University of Massachusetts at Amherst), Assistant Professor of Accountancy

Luo, Anita, Ph.D. (University of Connecticut), Visiting Assistant Professor

Mahani, Reza S., Ph.D. (University of Illinois at Urbana-Champaign), Assistant Professor of Finance

Mansfield, Nancy Reeves, J.D. (University of Georgia), Associate Professor of Legal Studies

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 Chair of Managerial Sciences

McClurg, Lucy Newton, Ph.D. (Georgia State University), Associate Professor of Managerial Sciences

McDonald, David S., Ph.D. (Georgia State University), Associate Professor of Computer Information Systems

McKaskill, Thomas P., Ph.D. (London Business School), Visiting Professor of International Business

McLean, Ephraim R., Ph.D. (Massachusetts Institute of Technology), Regent's Professor of Computer Information Systems, Holder of the George E. Smith Eminent Scholar's Chair in Information Systems, and chair of 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

Mitchell, Timothy, Ph.D. (University of Kentucky), Assistant Professor of Accountancy

Moschis, George P., Ph.D. (University of Wisconsin), Alfred Bernhardt Research Professor of Marketing and Director of the Center for Mature Consumer Studies

Mutchler, Jane F., Ph.D. (University of Illinois, Urbana-Champaign), Professor of Accountancy; Associate Dean for Academic Planning & Programs for the Robinson College of Business; and Holder of the Ernst & Young, J.W. Holloway Memorial Alumni Professorship

Nag, Rajiv, Ph. D., Smeal College of Business, Pennsylvania State University, Assistant Professor

Nargundkar, Satish V., Ph.D. (Clemson University), Assistant 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 at Buffalo), Associate Professor of Accountancy

Nelson, David Graham, M.B.A. (Duke University), Instructor in Business Administration

Newman, Harvey K., Ph.D. (Emory University), Chair, Professor of Public Management and Policy and Member of the W. T. Beebe Institute of Personnel and Employment Relations

Nishiyama, Shinichi, Ph.D. (University of Pennsylvania), Assistant Professor of Risk Management and Insurance and Holder of the New York Life Professorship in Life Insurance

Owers, James E., Ph.D. (The Ohio State University), Professor of Finance

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

Pavesic, David V., Ph.D. (Florida State University), Professor of Hospitality Administration and Director of Graduate Programs, Cecil B. Day School of Hospitality AdministrationPhillips, Richard D., Ph.D. (University of Pennsylvania), Professor of Risk Management and Insurance, Chair of the Department of Risk Management and Insurance, and Holder of the

Kenneth Black Jr. Chair of Insurance and the C.V. Starr Professorship in Risk Management and Insurance

Pilling, Bruce K., Ph.D. (Arizona State University), Associate Professor of Marketing

Pinello, Arianna, Ph.D. (Florida State University), Assistant Professor of Accountancy

Rabianski, Joseph S., Ph.D. (University of Illinois, Urbana-Champaign), Professor of Real Estate

Rai, Arun, Ph.D. (Kent State University), Harkins Professor of Computer Information Systems

Ramesh, Balasubramaniam, Ph.D. (New York University), Professor of Computer Information Systems and holder of the Board of Advisors Professor in Computer Information Systems

Ransopher, Tad D., M.Tx. (Georgia State University), Assistant Professor of Accountancy

Richards, Robert W., M.Tx. (Georgia State University), Instructor in Accountancy

Rigdon, Edward E., Ph.D. (University of Alabama), Professor of Marketing Robbe, Deborah, M.S. (Colorado State University), Instructor of Hospitality Administration

Roberts, James, Ph.D. (Pennsylvania State University), Senior Lecturer of Communication

Robinson, William N., Ph.D. (University of Oregon), Associate Professor of Computer Information Systems

Royes, Gillian, Ph.D. (Emory University), Instructor of Marketing

Ruff, Craig K., Ph.D. (Virginia Polytechnic Institute and State University), Clinical Associate Professor of FinanceRyan, Harley E., Jr., Ph.D. (Georgia State University), Associate Professor of Finance and SunTrust Professor in Capital Markets

Samaddar, Subhashish, Ph.D. (Kent State University), Professor of Managerial Sciences

Sargent, Carol W., Ph.D. (Georgia State University), Clinical Assistant Professor of Accountancy

Schutz, Rodney K., Ph.D. (University of Michigan, Ann Arbor), Instructor of Managerial Sciences

Senn, James A., Ph.D. (University of Minnesota), Professor of Computer Information Systems

Sevcik, Galen R., Ph.D. (University of Minnesota), Director of the School of Accountancy, Professor of Accountancy

Shah, Denish, Ph.D. (University of Connecticut), Assistant Professor of Marketing and Assistant Director, Center for Excellence in Brand and Customer Management

Sherman, Peggy B., J.D. (Vanderbilt University), Assistant Professor of Legal Studies

Shrikhande, Milind M., Ph.D. (University of Pennsylvania), Clinical Associate Professor of Finance

Silloway, LoRee P., MBA (Loyola University), Instructor in International Business

Smeal, Lucia, J.D., (Catholic University), Clinical Assistant Professor of Accountancy

Smith, Malika Blakely, M.B.A., M.S. (Georgia State University), Visiting Instructor of Marketing.

Smith, Robert W., Ph.D. (Louisiana State University, Baton Rouge), Assistant Professor of Accountancy

Smith, Stephen D., Ph.D. (University of Florida), Professor of Finance

Sotomayor, Luz Rocio, Ph.D. (University of Alberta), Assistant Professor of Risk Management and Insurance

Sriram, Ram S., Ph.D. (University of North Texas), Professor of Accountancy and Holder of the Controllers RoundTable Systems Professorship

St. Peter, Louis G., Ph. D., University of Nebraska, Visiting Lecturer

Storey, Veda C., Ph.D. (University of British Columbia), Professor of Computer Information Systems and Tull Professor in Computer Information Systems

Straub, Detmar W., D.B.A. (Indiana University), Professor of Computer Information Systems, Holder of the J. Mack Robinson Chair, and Director of the Doctoral Program, Robinson College of Business

Stucke, Carl H., Ph.D. (Emory University), Instructor in and Associate Chair of the Department of Computer Information Systems

Subramanian, Ajay, Ph.D. (Cornell University), Associate 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, Director of the Institute of Health Administration, and Holder of the Joe Taylor Chair of Health Administration

Tafkov, Ivo, Ph.D. (Emory University), Assistant Professor of Accountancy

Tepper, Bennett, Ph.D. (University of Miami), Professor of Managerial Sciences

Thachenkary, Cherian S., Ph.D. (University of Waterloo), Associate Professor of Managerial Sciences

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, Ph.D. (Ohio State University), Assistant Professor of Actuarial Science

Umaskankar, Nita, Ph.D. (University of Texas at Austin), Assistant Professor of Marketing

Vaishnavi, Vijay K., Ph.D. (Indian Institute of Technology), Board of Advisor's Professor of Computer Information Systems and IEEE Fellow

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

Wang, Shaun, Ph.D. (University of Waterloo), Professor of Actuarial Science and Holder of the Robert W. Batten Chair of Actuarial Science

Welke, Richard J., Ph.D. (State University of New York at 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, Carol J., Ph.D. (Georgia State University), Instructor of Marketing

White, Marta S., Ph.D. (Florida State University),Associate Clinical Professor of Managerial Sciences

Willey, Susan L., J.D. (Indiana University), Associate Professor of Legal Studies

Williams, Jerome D., Ph.D. (University of Colorado), Visiting Associate Professor of Marketing

Willis, Linda, M. Comm. (University of Michigan), Instructor of Marketing

Wysor, Maryann T., MBA (Georgia State University), Instructor of Marketing

Xia, Yusen, Ph.D. (University of Texas at Austin) Associate Professor of Managerial Sciences

Yang, Baozhong, Ph.D. (Massachusetts Institute of Technology; Stanford University), Assistant Professor of Finance

Young-Carver, Carol E., Ph.D. (The Ohio State University), Associate Professor Computer Information

Younghard H., Ph.D. (Purdue University), Professor of Management and Member of the W.T. Beebe Institute of Personnel and Employment Relations

Yu, Yu, Ph.D. (Cornell University), Assistant Professor of Marketing

Zanjani, George, Ph.D. (University of Chicago), Associate Professor of Risk Management and Insurance

Zhang, Guoqiang P., Ph.D. (Kent State University), Associate Professor of Managerial Sciences

Zhao, Yi, Ph.D. (Hong Kong University of Science and Technology), Assistant Professor of Marketing

Zheng, Yujun, Ph.D. (University of Miami), Assistant Professor of Chemistry

Ziobrowski, Alan J., Ph.D. (Kent State University), Associate Professor of Real Estate

Institute of Public Health

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 in Public Health

Eriksen, Michael P., Sc.D. (Johns Hopkins University), Professor of Public Health and Director of the Institute of Public Health

Lutzker, John, Ph.D. (University of Kansas), Visiting Professor of Public Health

Lyn, Rodney S., Ph.D. (Georgia State University), Assistant Professor of Public Health

McCarty, Frances A., 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), Visiting Professor of Public Health

Rothenberg, Richard B., M.D. (Harvard University), Professor of Public Health

Self-Brown, Shannon, Ph.D. (Louisiana State University), Clinical Associate 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

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), Associate Professor of Public Health

Whitaker, Daniel, Ph.D. (University of Georgia), Professor in Public Health

Byrdine F. Lewis School of Nursing

Aycock, Dawn, M.S.N. (Emory University), Assistant Professor in Nursing

Bacon, E. JoAnn, M.P.H. (University of Tennessee), Academic Professional in Nursing

Bates, Teresa, M.N. (Medical College of Georgia), Clinical Instructor in Nursing

Browning, Barbara, M.S. (University of Rochester) Clinical Assistant Professor of Nursing

Carmon, Myra, Ed.D. (University of Georgia), Associate Professor of Nursing

Casseus, Karis, MSN (Mercer University), Clinical Instructor of Nursing

Clark, Patricia, Ph.D. (University of Rochester), Professor of Nursing

Cole, Regina, M.A. (New York University),Clinical Assistant Professor in Nursing

Cranwell-Bruce, Lisa, M.S. (Georgia State University), Clinical Instructor in Nursing

Decker, Michael,Ph.D (Case Western Reserve University), Byrdine F Lewis Chair in Nursing and Associate Professor

DiFalco, Nancy A., M.S.N. (University of Pennsylvania), Clinical Assistant Professor in Nursing

Eastman, Vedica, M.S.N. (Duke University), Clinical Instructor of Nursing

Gebhardt, Mary Catherine, Ph.D. (University of Georgia), Assistant Professor of Nursing

Gordon, Paula, M.S. (Georgia State University), Clinical Instructor in Nursing

Grantham, Carol A., Ph.D. (University of Michigan), Clinical Assistant Professor of Nursing

Grindel, Cecelia M. Gatson, Ph.D. (University of Maryland), Professor of Nursing and Associate Director of Graduate Programs in the Byrdine F. Lewis School of Nursing

Hayes, Carol. MN (Emory University), Clinical Assistant Professor of Nursing

Hewell, Sandra W., Ph.D. (Georgia State University), Clinical Assistant Professor of Nursing

Horne, Eva M., M.N. (Emory University), Clinical Assistant Professor of Nursing

Howell, Carol Ann, Ph.D. (Georgia State University), Associate Professor of Nursing

Kassens, Jane, M.S.N. (Emory University), Clinical Instructor in Nursing

Kelley, Susan J., Ph.D. (Boston College), Professor of Nursing and Dean of the College of Health and Human Sciences

Killian, Sarah M., M.S. (Georgia State University), Clinical Assistant Professor of Nursing

Kirkendoll, Kenya D., M.S.N. (Emory University), Clinical Instructor in Nursing

Lee, Shih-Yu Sylvia, Ph.D. (University of California, San Francisco), Assistant Professor of Nursing

Meaney-Delman, Dana M., M.D. (State University of New York at Binghamton), Clinical Assistant Professor of Nursing

Minick, M. Ptlene, Ph.D. (Medical College of Georgia), Associate Professor of Nursing

Moloney, Margaret, Ph.D. (Georgia State University), Associate Professor of Nursing

Nelson, Michelle, M.S. (Wagner College), Clinical Assistant Professor of Nursing

Plitnick, Katherine R., Ph.D. (University of Florida), Clinical Assistant Professor of Nursing

Sims, Traci T., M.S. (Georgia State University), Clinical Instructor in Nursing

Taylor, Scheherazade, Ph.D (University of Michigan), Clinical Associate Professor in Nursing

Thomas, Patricia, M.S.N. (Emory University), Clinical Associate Professor of Nursing

Washington, Patrick, M.S.N. (Kennesaw State University), Clinical Assistant Professor of Nursing

Woodring, Barbara C., Ed.D. (Ball State University), Professor of Nursing and Director of the Byrdine F. Lewis School of Nursing