BACHELOR - LEVEL

UNDERGRADUATE CATALOG | 2018 – 2019

Georgia State University

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1000 University Information

Georgia State University is one of the nation's largest universities, with more than 32,000 students on its Atlanta campus and another 21,000 on its five suburban campuses. An enterprising public research university, it is a national leader in graduating students from diverse backgrounds. Its Atlanta campus in the heart of the city provides its students and faculty with unsurpassed connections to the city's business, government, nonprofit and cultural communities as well as opportunities in an environment of varied ideas, cultures, ages, lifestyles and experiences. Atlanta, home to more than a dozen headquarters of Fortune 500 companies, provides Georgia State's faculty and students with an urban laboratory, enabling them to draw creative inspiration and address critical societal issues locally and in cities around the world.

Through its consolidation with Georgia Perimeter College in early 2016 Georgia State offers at its Perimeter College campuses two-year and online programs that provide access to higher education for students from all walks of life and streamlines their pursuit of a four-year degree at Georgia State.

Georgia State has a university-wide commitment to student advising and attention to student progress to graduation. The university is nationally recognized as a leader in creating innovative approaches that foster the success of students from all academic, socio-economic, racial and ethnic backgrounds. Georgia State is one of a handful of large institutions nationwide using technology to track students from the moment they arrive on campus until they graduate to ensure progress. With the university's early warning tracking system, struggling students get the intervention they need to get back on track, improve or change their academic path. Georgia State is among the most diverse universities in the nation.

The university's 10-year strategic plan, introduced in 2011, aims to enhance research and discovery, in part by implementing a faculty hiring initiative to build scholarly strength around interdisciplinary research themes. It also focuses on efforts to make the university a leader in undergraduate student success and puts renewed emphasis on improving graduate education. The plan emphasizes the university's commitment to addressing issues and problems confronting cities around the globe and establishes as a priority the institution's initiatives to extend its global involvement and influence.

Georgia State, founded in 1913, is central to the revitalization of downtown Atlanta, expanding its campus and building a more growing student residential community. More than 5,000 students now live in residence halls on a campus that once served commuting students exclusively. Its efforts to enhance student life and campus involvement included the introduction of a Division 1 football program in 2010 and membership in the Sun Belt athletic conference of the NCAA's Football Bowl Subdivision in 2013.

On its Atlanta campus, the university offers 55 undergraduate and graduate degree programs in more than 250 fields of study in its ten academic colleges and schools, the Andrew Young School of Policy Studies, the Byrdine F. Lewis College of Nursing and Health Professions, the College of the Arts, the College of Arts and Sciences, the College of Education and Human Development, the Institute for Biomedical Sciences, the College of Law and the J. Mack Robinson College of Business. Its Honors College attracts students with outstanding academic credentials. Perimeter College offers 33 associate degree programs at its campuses in Alpharetta, Clarkston, Decatur, Dunwoody and Newton, and it has a robust online academic program.

1010 Mission Statement

Georgia State University, an enterprising public research university, transforms the lives of students, advances the frontiers of knowledge and strengthens the workforce of the future. The university provides an outstanding education and exceptional support for students from all backgrounds. Georgia State readies students for professional pursuits, educates future leaders, and prepares citizens for lifelong learning. Enrolling one of the most diverse student bodies in the nation, the university provides educational opportunities for tens of thousands of students at the graduate, baccalaureate, associate, and certificate levels.

Georgia State's scholarship and research focus on solving complex issues ranging from the most fundamental questions of the universe to the most challenging issues of our day. The scholarly work and artistic expression of the university's faculty create new knowledge, extend the boundaries of imagination, and enhance student learning. The university's presence in the Atlanta metropolitan area provides extraordinary experiential learning opportunities and supports the work of faculty tackling the challenges of an urbanizing nation and world.

1020 Accreditation

Georgia State University is accredited by the Southern Association of Colleges and Schools: Commission on Colleges (SACS-COC) to award associate's, baccalaureate, masters, specialist and doctorate degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097 or call 404-679-4500 for questions about the accreditation of Georgia State University.

1030 Degrees and Certificates Offered by Georgia State

1030.05 Perimeter College

Associate of Arts

Pathways in American Sign Language, Anthropology, Art, English, Film and Media Studies, World Languages, World Languages with Business, History, Homeland Security and Emergency Management, Mathematics, Journalism, Philosophy, Political Science, Speech Communication, Sociology, and Theatre.

Associate of Science

Pathways in Art, Biology, Business Administration, Chemistry, Computer Science, Criminal Justice, Education (Early Childhood), Education (Middle Grades), Education (Special), Education (Health and Physical), Education (Secondary), Engineering, General Studies, Geology, Health Sciences (Health Information Administration), Health Sciences (Health Science Professions), Health Sciences (Medical Technology), Health Sciences (Radiologic Technology), Health Sciences (Respiratory Therapy), Kinesiology and Health (Exercise Science/Health Coach/Personal Training), Music, Physics, Psychology, Social Work, and Sport Management.

Associate of Science in Dental Hygiene

Associate of Science in Nursing

Associate of Science in Radiologic Technology

- in cooperation with DeKalb Medical School of Radiologic Technology
- in cooperation with Grady Health System School of Radiology Technology

1030.10 Andrew Young School of Policy Studies

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

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

1030.20 College of Arts and Sciences

Advanced Language and Literacy Science	G.Cert.
African-American Studies	B.A., M.A., G.Cert.
Arabic	U.Cert.
Anthropology	B.A., M.A.
Applied Linguistics	B.A., M.A., Ph.D.
Asian Studies	B.I.S.
Astronomy	Ph.D.
Biology	B.S., M.S., Ph.D.
Chemistry	B.S., M.S., Ph.D.
Chinese	U.Cert.
Communication	M.A., Ph.D.
Computer Science	B.S., M.S., Ph.D.
Creative Writing	M.F.A.
English	B.A., M.A., Ph.D.
Environmental Science	B.I.S.
French	B.A., U.Cert., M.A.
Game Design and Development	B.I.S.

Geosciences	B.A., B.S, M.S.
Geographic Information Systems	U. Cert., G.Cert.
German	B.A., U.Cert.
Gerontology	B.I.S., U. Cert., G.Cert., M.A.
Global Studies	B.I.S.
Heritage Preservation	M.H.P., G.Cert.
History	B.A., M.A., Ph.D.
Interdisciplinary Studies	B.I.S.
International Economics and Modern Languages	B.A.
Interpretation	G.Cert.
Japanese	U.Cert.
Journalism	B.A.
Korean	U.Cert.
Latin American Studies	G. Cert.
Law and Society	B.I.S.
Mathematics	B.S., M.S., Ph.D.
Media Entrepreneurship	B.I.S.
Middle East Studies	B.I.S.
Neuroscience	B.S., M.S., Ph.D.
Philosophy	B.A., M.A.
Philosophy, Politics, and Economics	B.I.S.
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., U.Cert., M.A.
Speech Communication	B.A.
Teaching English as a Foreign Language	U.Cert. (TEFL), G.Cert. (TESOL)
Translation	G.Cert.
Water Sciences	U. Cert.
Women's, Gender and Sexuality Studies	B.A., G.Cert., M.A.

1030.30 College of Education and Human Development

Advanced Language and Literacy Science	G.Cert.
Applied Behavior Analysis	M.S.
Art Education	Ed.D.
Birth Through Five	B.S.E.
Career and Technical Specializations in Education	U.Cert.

Clinical Rehabilitation Counseling	M.S.
Communication Sciences and Disorders	M.S., Ph.D.
Counseling Psychology	Ph.D.
Counselor Education and Practice	Ph.D.
Creative and Innovative Education	M.A.
Curriculum and Instruction	Ed.D.
Early Childhood and Elementary Education	Ed.D., Ph.D.
Education of Students with Exceptionalities	Ph.D.
Educational Leadership	M.Ed., Ed.S., Ed.D.
Educational Policy Studies	Ph.D.
Educational Psychology	M.S., Ph.D.
Educational Research	M.S.
Elementary Education	B.S.E., M.A.T., M.Ed.
English Education	M.A.T., M.Ed., Ph.D.
English to Speakers of Other Languages Education	M.A.T.
Exercise Science	B.S., M.S.
Foreign Language Education	Ed.D.
Health and Physical Education	B.S.E., M.A.T., M.Ed.
Healthcare Science Education	U.Cert.
Human Learning and Development	B.I.S.
Instructional Design and Technology	G.Cert., M.S.
Instructional Technology	Ph.D.
International Education	G.Cert.
Kinesiology	Ph.D.
Language and Literacy Education	Ed.D., Ph.D.
Literacy Certificate	G.Cert.
Literacy Education	M.Ed.
Mathematics Education	M.A.T., M.Ed., Ed.D., Ph.D.
Mental Health Counseling	M.S.
Middle Level Education	B.S.E., M.A.T., Ed.D.
Music Education	Ed.D., Ph.D.
Online Learning Design and Development	G.Cert.
Program Evaluation	G.Cert.
Qualitative Research	G.Cert.
Quantitative Research	G.Cert.
Reading, Language, Literacy Education	M.Ed., Ph.D.
School Counseling	M.Ed., Ed.S.
School Psychology	M.Ed., Ed.S., Ph.D.
Science Education	M.A.T., M.Ed., Ed.D., Ph.D.
Sign Language Interpreting	B.A., U.Cert.
Social Foundations of Education	M.S.
Social Studies Education	M.A.T., M.Ed., Ed.D., Ph.D.
Special Education	B.S.E., M.A.T., M.Ed.
Sport Administration	B.I.S., M.S.
Teaching and Learning	Ph.D.
Teaching and Teacher Education	Ph.D.

The College of Education and Human Development also offers a variety of non-degree endorsement and certification-preparation programs. Those are outlined in detail in section 4000.

1030.40 College of Law

Law	LL.M., J.D., J.D./M.A.***; J.D./M.B.A., J.D./M.P.A., J.D./M.S.H.A. and J.D./M.B.A./M.H.A. ****; J.D./M.P.A.*; J.D./M.P.H.*****; J.D./M.C.R.P.******, Accelerated Bachelor's/J.D.*******

* Joint program between the College of Law and Andrew Young School of Policy Studies.
*** Joint program between the College of Law and the College of Arts and Sciences.
**** Joint program between the College of Law and the J. Mack Robinson College of Business.
***** Joint program between the College of Law and the School of Public Health.
****** Joint program between the College of Law and Georgia Institute of Technology's School of Architecture
******* Joint program between the College of Law and the Honors College

1030.50 J. Mack Robinson College of Business

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

1030.60 Byrdine F. Lewis College of Nursing and Health Professions

Clinical Health Informatics	B.I.S., G. Cert.
Psychiatric Mental Health Nursing	G. Cert.
Acute Care Nurse Practitioner-Adult -Gerontology Nursing	G. Cert.
Acute Care Nurse Practitioner-Pediatric Primary Care	G. Cert.
Nurse Practitioner – Adult -Gerontology Nursing	G. Cert.
Nursing	B.S., M.S., G. Cert.,Ph.D., D.N.P.
Nutrition	B.S., M.S.
Occupational Therapy	O.T.M.
Pediatric Primary Care Nurse Practitioner	G. Cert.
Physical Therapy	D.P.T.
Respiratory Therapy	B.S., M.S.

1030.70 School of Public Health

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

* Joint program between the College of Law and the School of Public Health.
** Joint program between the College of Arts and Sciences, Department of Psychology and the School of Public Health.

1030.75 College of the Arts

The following degrees are offered through the College of the Arts:

Art	B.A.
Art Education	B.F.A., M.A.Ed., M.A.T
Art History	M.A.
Arts Administration – Speech/Theatre	B.I.S.
Communication	M.A., Ph.D.
Film and Media	B.A.
Interdisciplinary Studies	B.I.S.
Music	B.Mu., M.Mu., Cert.
Music Management	B.S.
Studio (Art)	B.F.A., M.F.A.
Theatre (Design and	B.I.S.

Performance)

1030.80 Explanation of Abbreviations for Degrees and Certificates Offered

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

1040 Academic Resources

1040.10 Libraries

Georgia State University is served by two libraries on the Atlanta campus: the University Library and the College of Law Library, and library services at each of the Perimeter College campuses. The University Library occupies two buildings, North and South, bridged by a four-story glass link. The building includes 55 group study rooms, v-rooms equipped with 60 inch wall monitors and multimedia connection table boxes, a one-button studio to create high-quality and polished video projects using a flash drive and the push of a single button, quiet study on the 5th floor and a variety of other comfortable study spaces. Through the library website, students can access millions of resources instantly, including ebooks, databases, journals, and government documents. The library holds 1.5 million print volumes, and has borrowing agreements with libraries worldwide. Subject-specialist librarians consult with students and faculty, and assistance with basic research is available in person and online. A variety of technology services are provided and supported, including over 400 computers, plus wireless access. Laptops and tablets are among equipment available for checkout. The library's Collaborative University Research and Visualization Environment (CURVE) provides access to high end computing resources, including a 24-foot-wide video wall designed for collaborative visual and data-rich research projects, seven additional collaborative workstations, some with 4K displays, and high-powered PCs and Mac Pros that allow users to work with and manipulate large images and datasets. Each workstation is equipped with a large display that can accommodate up to six people, allowing multiple groups to work together on a research problem. The University Library's Special Collections and Archives preserve and digitize rare and historical materials. Library services at each of the five Perimeter College campuses provide collections, computer workstations, in-person assistance and online support for two-year degree and certificate programs in arts and humanities, science, business, health sciences, education and social science. For information about the University Library and its hours, visit library.gsu.edu or call 404-413-2820. For information about Perimeter College library services, visit library.gsu.edu/home/information-for-you/perimeter-college/

The College of Law Library provides faculty, students, and staff with the information resources and services that are necessary to support effective legal instruction and research. The Law Library is open 103 hours per week, seven days a week. Assistance is accessible remotely via e-mail and chat with librarians, and the library provides 24/7 access to online collections and resources. Primary service areas are circulation, reference, faculty research support, legal research instruction, interlibrary loan, and student law journal support. For information about the Law Library and its hours, visit lawlibrary.gsu.edu.

1040.20 Information Systems and Technology

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

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

1040.30 Alpharetta Center

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

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

1040.40 The Welcome Center

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

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

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

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

1040.50 Alumni Association

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

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

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

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

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

1040.60 Foundation

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

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

1050 Policies and Disclosures

1050.10 Equal Opportunity Policy

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

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

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

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

1050.20 Disability Complaint Policy

Disability Accommodation Complaints

Students who disagree with eligibility or accommodation decisions made by the Office of Disability Services (ODS) may appeal the decision. The appeal must be submitted to the Director of ODS in writing within twenty (20) business days of the date of the decision. Further appeals will proceed up the line of report in accordance with the University's established practices. **Employees** who disagree with eligibility or accommodation decisions made by the Office of Disability Services (ODS) may appeal the decision to the Assistant Vice President for Opportunity Development/Diversity Education Planning in writing within twenty (20) working days of the date of the decision. A copy of the Employee ADA Accommodation Policy

and Procedures is located at http://odaa.gsu.edu/policies-procedures/equal-opportunity/equal-opportunity-and-affirmative-action-policy/.

Disability Discrimination Complaints

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

1050.30 Disruptive Behavior Policy

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

1050.40 University Code of Conduct

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

1050.50 Federal and State Law Disclosure Requirements

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

1050.60 Integrity in Research, Scholarly and Creative Activities

Georgia State University maintains high ethical standards in research and requires all faculty, staff and

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

1050.70 Intellectual Property

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

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

I. PURPOSE AND APPLICABILITY

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

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

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

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

A. 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.
B. All policies in the student code of conduct
C. Emergency Withdrawal policy
D. Admission, readmission and exclusion policies
E. Discriminatory and sexual harassment policies
F. Disability policies
G. College of Law Honor Code
H. 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, 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.html.) 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 Vice Provost. The student's complaint must be submitted in writing, and be accompanied by pertinent documentation describing (a) the specific action, practice, or decision that is problematic; (b) the impact of that decision; (c)

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

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

III. NON-ACADEMIC COMPLAINTS

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

IV. STUDENT PETITIONS FOR ACADEMIC POLICY WAIVER or VARIANCE

A. College-Level Policy Waiver or Variance Petitions

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

B. University-Level Policy Waiver or Variance Petitions

1. Students may request a waiver or variance of a policy established by the University or the Board of Regents (BOR).
2. All requests for waivers or variances from university-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 other official University document) of the policy or requirement from which the student is requesting a waiver
    b. the deviation being sought;
    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. Financial Appeals (Appeals of Rules Currently in Section 1200 of the Catalog)
    a. Appeals of tuition and fee rules (currently in sections 1210.10, 1210.20 and 1210.30 of the Catalog), Georgia resident status rules (currently in section 1220), and financial aid rules (currently in section 1230) will be made by the University Registrar
    b. If the petition is denied, the student may appeal to the Financial Appeals Committee, a committee appointed by the Vice Provost. The student must appeal in writing and within 10 business days of being notified of the decision of the University Registrar.
    c. Appeals of the financial rules of colleges and departments (e.g., lab fees, graduate assistantship rules, etc.) are considered by the college or department. See Section IV.A. above.
5. 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 of the Chair of the Registration Appeals Committee on all letters to students notifying them of the results of their petitions. Every semester, the 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 Emergency Withdrawal policy.

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

8. Subsequent Appeals
    a. The student may appeal the decisions of the Admissions Appeals Committee, Financial Aid Appeals Committee, the Registration Appeals Committee and Academic Regulations Appeals Committee to the Vice Provost in writing within 10 business days of being notified of the decision. The Vice Provost will respond in writing to the appeal within 20 business days of receiving the appeal.
    b. The student may appeal the Vice Provost's decision to the Provost in writing within 10 business days of being notified of the decision. The Provost will respond in writing to the appeal within 20 business days of receiving the appeal.
    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. 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.
B. Students lose their right to continue to the next step of the procedures if they miss a stated or agreed-upon deadline.

VI. MEDIATION

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

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

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

GLOSSARY

POLICIES, PROCEDURES AND PRACTICES

Policy: A written statement (rule or principle) used to govern the actions of Georgia State University's employees, faculty, students, visitors, and others who come in contact with Georgia State University. For the purposes of this document, academic policies are those pertaining to scholarly programs (e.g., program

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

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

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

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

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

ARBITRARY, DISCRIMINATORY, INEQUITABLE

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

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

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

COMPLAINTS, PETITIONS and APPEALS

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

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

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

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

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

University.

PEOPLE

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

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

1050.90 Criminal & Disciplinary History: Continuing Duty to Report

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

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

1055 Family Educational Rights and Privacy Act (FERPA)

I. Introduction

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

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

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

II. Definitions

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

III. Federal Student Records Law

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

the procedures to be used by the University for compliance with the provisions of the Act. Questions concerning the Family Educational Rights and Privacy Act may be referred to the Office of the Registrar or the Office of Legal Affairs.

IV. University-Maintained Student Records

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

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

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

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

V. Student Access to Records

Access to a student's official academic record, disciplinary record and financial aid record is guaranteed to

him or her subject only to reasonable regulation as to time, place and supervision with the exceptions of those types of documents identified below:

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

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

issue transcripts or to certify in any way the official academic record of a student. An official transcript is issued only when requested by the student in writing.

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

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

VI. Requests for Amendment and Challenge Hearings

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

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

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

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

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

VII. University Career Services

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

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

VIII. Addition to Records

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

IX. Release of Student Information

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

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

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

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

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

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

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

history at Georgia State will be suppressed in full, preventing the verification by future employers and others of degrees earned and dates of enrollment.**Exception to Directory Suppression:** Due to system constraints, final graduation lists and official programs will include all students who are graduating, regardless of Directory Suppression, unless otherwise stated on the Graduation Application.

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

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

X. Recordkeeping Requirements

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

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

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

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

1060 Access to Student Records

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

Inquiries about students or former students should be directed to the Office of the Registrar. Georgia

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

1100 Undergraduate Admissions

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

1110 Office of Undergraduate Admissions

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

1115 General Admission Policy

Georgia State University welcomes applications from all qualified individuals regardless of race, color, sex, religion, creed, age, sexual orientation, gender, disability, national origin or immigration status. Admission is based on a number of factors, depending upon level of entry and previous educational experience. Admission and placement decisions are made by the Office of Undergraduate Admissions using criteria approved by the University Senate and developed in accordance with policies of the Board of Regents of the University System of Georgia. Admission decisions are based on factors such as, but not limited to, an applicant's academic record, test scores, optional essay and letter of recommendation, circumstances, good conduct and character. Georgia State guarantees admission to all qualified applicants by Board of Regents standards.

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

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

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

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

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

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

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

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

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

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

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

(including GPA, minimum course grades or admittance through an application process) and who have no opportunity to progress in that academic program, will have their major administratively changed to exploratory. Students must declare another major after one semester in an exploratory major.

1115.05 Lawful Presence for In-State Tuition

Georgia State University admits all academically qualified undergraduate students, regardless of immigration status.

The Board of Regents of the University System of Georgia requires all students applying to Georgia State University to provide verification of their lawful presence in the United States to be granted the in-state tuition rate.

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

- Policy 4.3.4 Verification of Lawful Presence

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

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

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

This includes students who have been previously enrolled at Georgia State but are either returning (re-entry) to a degree program or applying for a new degree program. Transient students must also be verified.

1115.10 Special Talent Admission Policy

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

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

Special Talent Admission Appeals

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

1120 Freshman Applicants

Definition

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

Freshman Deadlines

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

Fall Semester Applicants Only

The Office of Undergraduate Admissions offers three deadlines for Fall application to the University: Honors and Scholarship Consideration and Priority Application. The deadlines are as follows:

	Deadline	Notification

Honors and Scholarship Priority	November 15	December 15
Priority Application	March 1	no later than April 15

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

Honors and Scholarship Consideration Deadline

If you wish to be considered for the Georgia State Honors College and/or for a Georgia State University scholarship based on competitive test scores and academic achievement, be sure to submit your completed application by **November 15** and related documents by **December 1.** Only applicants with completed admission files, including submission of all required admission documents and fee will be considered for possible scholarships. If you are considered for specific scholarships, you may be contacted by the Honors College for additional information.

Priority Application Deadline

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

The fall application for admission will remain open until June 1.

Spring and Summer Deadlines

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

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

Note: All deadlines are subject to change.

Minimum Freshman Admission Requirements

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

- Be a graduate of and have completed the Required High School Curriculum requirements for the University System of Georgia from a high school accredited by a regional accrediting association (such as the Southern Association of Colleges and Schools), a high school accredited by the Georgia Accrediting Commission, or a public high school regulated by a school system and state Department of Education. A Certificate of Attendance does not qualify an applicant for admission consideration.
- Have completed the University System of Georgia Board of Regents' Required High School Curriculum. Seventeen curriculum course units required as follows:
    1. English (4 units): emphasis in grammar and usage; literature (American, English, and World); and advanced composition skills.
    2. Mathematics (4 units): algebra I, algebra II, geometry, and one additional mathematics course with these units as prerequisites.
    3. Science (4 units): at least one laboratory course from the life sciences and one laboratory course from the physical sciences. (Applicants graduating in 2012 or later must have 4 units.)
    4. Social Science (3 units): at least one course focusing on United States studies and one course focusing on world studies.
    5. Foreign language (2 units in the same language): emphasis in speaking, listening, reading, and writing.
- Have a minimum 2.80 high school grade point average calculated on the 17 courses listed above.
- Submit electronic SAT scores (including the writing section) with a minimum combined score of 900 (verbal/critical reading + mathematics) with at least 430 verbal/critical reading and 400 mathematics or electronic ACT scores (including the Writing Test) with a minimum composite score of 19 with at least 17 English and 17 mathematics.
- Permanent residents, educated in the United States, whose native language is not English are encouraged to take the TOEFL. If the TOEFL is not taken, applicants from local areas will be required to take the Georgia State Test of English Proficiency (GSTEP) to determine appropriate admission.
- Have a freshman index (FI) of 2500 or higher. The FI is based on a combination of SAT/ACT scores and high school grade point average (HSGPA) in college preparatory courses only. The FI formula using SAT scores is: SAT FI = (500 x HSGPA) + SAT V + SAT M. The FI formula using ACT scores is: ACT FI = (500 x HSGPA) + (ACT composite x 42) + 88. In calculating the HSGPA for FI purposes, the applicant's transcript is calculated upon **only 17 of the required high school curriculum** taken such as English, mathematics, science, social studies, and foreign language.

High-Ability RHSC-Deficient Freshman

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

- completed the RHSC English requirement
- completed the RHSC Math requirement
- three units of Science

- two units of Social Science

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

Home-Schooled Students

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

Option One: Portfolio Admission

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

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

Option Two: SAT Subject Test Admission

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

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

- **500** on the Mathematics Level 1 test or a score of 570 on the Mathematics Level 2 test
- **520** on the Biology test
- **540** on the Chemistry test or 590 on the Physics test
- **560** on the U.S. History test, and
- **540** on the World History test

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

1125 Transfer Applicants

Definition

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

Transfer Deadlines

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

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

Note: All deadlines are subject to change.

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

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

Admission Requirements

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

- have a minimum cumulative 2.5 grade point average in college-level courses (excluding developmental/remedial courses) from all accredited institutions attended.
- be eligible to re-enroll at the last institution attended.
- have completed all college preparatory curriculum and learning support coursework required by any unit of the University System of Georgia (USG).
- in addition, those students who have completed **fewer than 30 semester hours or 45 quarter hours** of college-level academic coursework attempted at one or more regionally accredited institutions must meet all freshman admission requirements (see Section 1120).
- arrange for **all** transcripts to be received directly by the Office of Undergraduate Admissions or provide them in sealed envelopes directly from the institution. Student copies of transcripts, official transcripts opened by the student, and fax copies are not acceptable.
- must have satisfied Learning Support requirements at their previous institutions.
- must have satisfied Required High School Curriculum requirements

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

Transfer Credit Policy

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

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

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

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

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

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

Because the university has a minimum academic residence requirement, the amount of transfer credit

applicable to a degree program may be limited. (See Section 1440.) In addition, Colleges and Departments have their own transfer credit policies and this may also limit the amount of transfer credit applicable to a degree program. All such policies are stated in the Undergraduate Bachelor-Level Catalog in the following sections:

- 2000 Andrew Young School of Policy Studies
- 3020 College of Arts and Sciences
- 4050 College of Education
- 5020.10 Byrdine F. Lewis School of Nursing and Health Professions
- 7020.10 Robinson College of Business
- 10200 College of the Arts

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

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

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

Transfer Credit for Core Courses

1. Students will be granted credit for all of Areas A-E of the core 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.
    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.

1127 Transition Students

A transition student is a student who wishes to move to the Atlanta campus for bachelor study after beginning on an associate's degree track at one of our Perimeter College campuses.

Requirements

Students who transition from Georgia State's Perimeter College to the Atlanta campus must have achieved at least a 2.0 GPA and completed at least 30 hours of credit. Proof of lawful presence must be provided to receive in-state tuition at the Atlanta campus.

Students who wish to transition must complete out **the Transition application** to have their records transferred from the associate degree to the bachelor degree track.

All learning support and required high school curriculum courses must be completed to matriculate at Georgia State University's Atlanta Campus. Students should complete Area A of the Board of Regents' core curriculum prior to transition.

Note: once you have been accepted to the Atlanta campus, you will no longer be able to take classes at the Perimeter campuses.

1130 Postbaccalaureate Applicants

Definition

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

Deadlines

Semester	Deadline
Fall	August 1
Spring	December 1
Summer	April 1

Note: All deadlines are subject to change.

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

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

An applicant wishing to seek a second bachelor's degree in a professional or clinical program in the Byrdine

F Lewis School of Nursing and Health Professions should apply to the university as a transfer student. Once a student has been admitted to the university, there is a second application process for those interested in majors in the Byrdine F. Lewis School of Nursing and Health Professions. Please contact the Office of Academic Assistance, Byrdine F. Lewis School of Nursing and Health Professions, for information on procedures and deadline dates.

Admission Requirements

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

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

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

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

1135 Transient Applicants

Definition

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

Deadlines

Semester	Deadline
Fall	August 1
Spring	December 1
Summer	April 1

Note: All deadlines are subject to change.

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

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

Admission Requirements

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

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

The following regulations are applicable to transient students:

- They should seek academic advisement at their home institution to determine if courses taken at Georgia State are acceptable to their degree program.
- All scholastic discipline policies and all course prerequisite policies are applicable to transient students.
- Transcripts for courses completed at Georgia State as a visiting student must be requested from the Office of the Registrar at http://registrar.gsu.edu/academic-records/transcripts/ to be sent to the home institution.
- Transient students are admitted to and register through the college or school selected on their application. If the applicant does not indicate a college, and if a transient approval letter has been received, placement will be determined from the courses indicated in the letter.
- To continue for an additional summer semester as a transient, a student must file a re-entry application and arrange for all necessary supporting documentation to be received in the Office of Undergraduate Admissions by the established deadlines (see Section 1170). With the exception of summer semesters, registration as a transient student is limited to one semester. Students seeking exception to this policy must contact the Office of Undergraduate Admissions. If a student wishes to become a transfer student, the student must file a new application for undergraduate admission (including the **nonrefundable** application fee) and arrange for **all** transcripts to be received by the Office of Undergraduate Admissions by the appropriate deadline. Student copies of transcripts or official transcripts opened by the student are **not** acceptable (see Section 1125).

1145 Non-traditional Applicants

Definition

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

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

Deadlines

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

Admission Requirements

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

1150 Dual Enrollment

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

Dual Enrollment

Definition

Dual Enrollment is an opportunity for academically outstanding high school students to enroll as special non-degree seeking undergraduate students at Georgia State before graduation from high school. Students must be enrolled full-time (12-17 semester hours) and will earn both high school and college credits. Participation is only permitted during the normal fall and spring semesters of the high school and college year.

Student Eligibility

To be eligible for Dual Enrollment, a student must:

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

Admission Requirements

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

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

Deadlines

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

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

Coursework

Talk to your high school guidance counselor about the classes you want to take. All schedules are subject to the approval of the appropriate high school official and Georgia State University. Students will take all

coursework at Georgia State University's main campus. Dual Enrollment courses must be selected from the approved Dual Enrollment course list. Coursework taken through Dual Enrollment does not count against HOPE Scholarship or HOPE Grant hours.

Cost

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

Policies & Regulations

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

- Georgia State University Dual Enrollment students are not permitted to live on campus in University Housing and must have a form of transportation to campus.
- Admission to Georgia State under Dual Enrollment does not imply admission to any other status. Dual Enrollment students who later wish to enroll at Georgia State outside the Dual Enrollment program must reapply.
- Students may not attend classes during the summer semester
- Students may attend for a maximum of two years (four semesters)
- Students must take courses that meet their high school graduation requirements.
- Students must pass any placement exams required for the courses they wish to take.
- Students may not take any courses at any high school or at any other institution of higher education while enrolled in the program.
- Students may participate in student clubs and other student life activities
- Students who earn a C- or lower in any class will not be allowed to continue in the MOWR program at Georgia State.
- College credits earned while in the Dual Enrollment program are transferable to other institutions based on post-secondary agreements between institutions. Students are advised to consider the post-secondary institutional agreements when planning Dual Enrollment coursework.
- Beginning fall 2015, the Georgia State University Bookstore will loan **required** textbooks to each student enrolled in the Dual Enrollment program each semester, with the agreement that the textbooks will be returned to Georgia State University at the end of each semester.

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

Joint Enrollment

Definition

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

Student Eligibility

To be eligible for Joint Enrollment, a student must:

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

Admission Requirements

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

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

Deadlines

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

Semester	**Deadline**
Fall	May 1
Spring	December 1
Summer	May 1

Note: All deadlines are subject to change.

Coursework

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

Cost

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

Policies & Regulations

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

1154 Early College

Definition

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

Deadlines

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

Admission Requirements

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

- Have spent the entire year prior to enrollment at an Early College high school in Georgia.

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

In addition, the admission decision will also consider:

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

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

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

Academic Regulations

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

- They may not attend classes during the summer semester except by special permission of the Georgia State University Advisement Center.
- They may attend for a maximum of five semesters. (However, students should be aware that the Accel program will only pay for four semesters.)
- The courses in which they are enrolled must be part of Georgia State's core curriculum and must count towards their high school graduation requirements.
- They must pass any placement exams required for the courses they wish to take.
- They may not take any courses at any other institution of higher education while enrolled in the program.
- They may not live on campus but may participate in some student clubs and other student life activities with the advance permission of the Office of the Dean of Education.
- Early College students may only enroll in Georgia State courses approved by their high school guidance counselor and Georgia State University Advisement Center.
- If they earn a Georgia State cumulative GPA below 2.0, in next semester students must either attend a USG 2-year institution (that is a Georgia State Early College partner) or attend only high school. They may return to Georgia State only after taking at least six hours at the 2-year institution and earning a GPA of 3.0 (or better) or earning a high school semester GPA of 3.25 (or better).
- Students must participate in the Early Alert program. Faculty who have Early College students in their courses must participate in the Early Alert program.
- College credits earned while in the Early College program are transferable to other USG institutions.

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

1155 GSU-62 Program

Definition

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

Deadlines

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

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

Note: All deadlines are subject to change.

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

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

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

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

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

Applicants to Georgia State University are classified as international applicants if they meet any of the following criteria:

- Students who will require an F-1 visa to study in the United States
- Students who have been educated outside of the U.S.
- Students whose native language, as reported on the admission application, is a language other than English.

Admission Requirements

1. **Georgia State Application for Admission accompanied by a $60 non-refundable fee**
2. **Minimum test scores on the ACT or SAT exam**
    - Official scores should be submitted electronically to Georgia State University (ACT code 0826, SAT code 5251).
    - Georgia State offers a limited number of SAT/ACT waivers to F-1 visa international students who demonstrate exceptional academic credentials. Please contact the Office of Undergraduate Admissions for details.
3. **Official high school transcript(s)**
    - Students overseas should send an original transcript directly from their high school, if possible, or a copy that is certified by their high school, the local Education USA advising center, U.S. Consulate, or a credential evaluation service.
    - A certified original translation must accompany all documents not printed in English.
    - International applicants must demonstrate academic preparation equivalent to graduation with a U.S. secondary Required High School Curriculum (RHSC) and have a GPA of 3.0 based on only academic courses.
    - Please do not submit your <u>only</u> original copy – bring it to the Office of Undergraduate Admissions and we will make a copy from the original.
4. **Official foreign transcript evaluation** Georgia State University requires that all international academic documents (transcripts, mark sheets, certificates, leaving examination results, etc.) be formally evaluated by either an independent evaluation service or the Office of Undergraduate Admissions.
5. **Official transcript from each college, university or technical college attended (if appropriate)**
    - Transfer applicants must be in good standing and be eligible to return to the institution they last attended.
    - Applicants with fewer than 30 hours of transferable college credit must meet freshman requirements.
    - Official transcripts from overseas colleges or universities require an external foreign credential evaluation (course-by-course).
    - A certified original translation must accompany all documents not printed in English.
6. **Proof of English proficiency must be met by one of the following:**
    - Test of English as a Foreign Language (TOEFL) score of 523 (paper-based) or 69 (internet-based)
    - International Language Testing System (IELTS) score of 6
    - Pearson Test of English Academic (PTE) score of 58
    - For freshmen applicants: SAT Critical Reading score of 430 or ACT English score of 17

    - For transfer applicants: Completion of a college-level English composition course with a grade of "C-" or better at a regionally accredited U.S. college or university
    - Documentation that English was the official language of academic instruction in home country
    - Completion of a University System of Georgia approved ESL program
7. **Verification of Lawful Presence in the United States.**
    - Applicants must provide evidence of lawful presence in the United States to qualify for in-state tuition classification or out-of-state tuition waivers.
    - Students on any type of visa will be asked by International Student & Scholar Services (ISSS) to upload immigration information into iStart for this purpose AFTER admission and prior to enrollment.

Non-native speakers of English 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(internet-based test) or an IELTS score of 5.5. Students granted conditional admission will be required to take certain full-time courses in the Intensive English Program (IEP) before being fully admitted into Georgia State's undergraduate study. A student may remain on conditional admission status for no more than three semesters. For more information about the IEP, see iep.gsu.edu/.

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

1170 Re-entry Applicants

Definition

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

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

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

- Transient and postbaccalaureate students cannot apply for re-entry to update to degree-seeking (transfer) status. Transients and postbaccalaureate students wishing to become transfer students should complete a new application for admission, submit the appropriate application fee and all transcripts to the Office of Undergraduate Admissions. Students should refer to Section 1125 for deadlines, admission requirements and other policies related to transfer admission.
- Students that have only attended Georgia State University at the graduate level cannot apply for re-entry to enroll at the undergraduate level. Graduate students wishing to enroll at the undergraduate level should complete a new application for undergraduate admission, submit the appropriate application fee and all transcripts to the Office of Undergraduate Admissions. Students should refer to the appropriate area of Section 1100 for deadlines, admission requirements and other policies related to transfer, transient, and postbaccalaureate admission.
- Students who have only attended Georgia State University as dual enrollment cannot apply for re-entry at the undergraduate level. Dual enrollment 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.

Deadlines

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

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

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

Note: All deadlines are subject to change.

Admission Requirements

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

- Students that have attended other institution(s) since their last enrollment at Georgia State

University must submit official transcripts from the institution(s). Student copies of transcripts, official transcripts opened by the student, and fax copies are **not** acceptable. Re-entry applicants must be eligible to return to their last institution of attendance for the term of desired re-enrollment at Georgia State in order to be granted admission as a re-entry student.

- Students that last attended Georgia State University in the Learning Support Program (formerly the Department of Academic Foundations and Developmental Studies), have COMPASS scores below those currently required to exit LSP, and have not fulfilled their LSP requirements must either:
    1. Retake the appropriate COMPASS tests and earn the minimum reading score currently required to exit LSP (74), the minimum writing score currently required to exit LSP (60), and the minimum math score currently required to exit LSP (37) or
    2. LSP courses may be taken at our Perimeter College campuses or at another USG institution. *Learning Support students are encouraged to apply by the early deadline.*
- Undergraduate students re-entering on supervision or probation are required to participate in the Academic Improvement Program (see Section 1360.20).
- Students that were placed on exclusion at the conclusion of their last term at Georgia State University must submit an application for academic renewal to the University Advisement Center. Approval for academic renewal must be granted before students previously excluded can be approved to reenter the University. Students should refer to section 1360.30 for policies and procedures related to academic renewal prior to submitting an application for re-entry.

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

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

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

1175 Academic Regulations that Apply to Various Admission Categories

1175.10 Transient Students

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

1175.20 Postbaccalaureate Students

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

1175.30 International Students

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

1180 Undergraduate Admissions Appeals

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

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

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

1200 Financial Information

The offices of Student Accounts and Student Financial Aid provide services to students to help them meet their financial obligations to Georgia State University so that they can progress academically. Visit our website at sfs.gsu.edu for details about services provided. It is the responsibility of the student to be informed of, and to observe, all regulations and procedures regarding tuition, fees, payments, refunds and financial aid. In no case will a regulation be waived or an exception granted because a student pleads ignorance of the regulation or asserts that he or she was not informed of it by an advisor or other authority. Verbal misinformation is not grounds for a waiver of a regulation.

1210 Tuition and Fees

Tuition and fees charged by Georgia State University are set and approved by the Board of the Regents of the University System of Georgia. Tuition and fees are subject to change without notice. For information about resident status, see Section 1220. The Office of Student Accounts, 100 Sparks Hall, is responsible for assessing tuition and mandatory student fees. Current tuition and fee rates are available at sfs.gsu.edu/tuition-fees/. The specific amount of a student's tuition and mandatory fees for a semester depends on a number of things, the most important of which are:

- The number of courses taken
- The nature of the courses
- The number of credit hours assigned to the course
- The residency status of the student

Actual tuition and mandatory fee charges are determined when a student registers for classes each semester and can be viewed online via PAWS at paws.gsu.edu. **Registration is not complete until all tuition and fees have been paid in full.**

1210.10 Waivers of Tuition and Fees

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

Waivers of All Tuition

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

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

Waivers of the Difference between Resident and Nonresident Tuition

The Board of Regents specifies that certain non-residents are granted waivers of the difference between resident and nonresident tuition. (See section 1220 for residency status rules.) These waivers are restricted to small classes of students. For more information, see www.usg.edu/regents/policymanual/700.phtml.

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

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

Waivers of All Fees

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

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

Waivers of All but Technology Fee

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

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

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

1210.20 Payment of Tuition and Fees

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

Payment Deadline

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

Payment by Credit Card

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

Payment by Check

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

Checks are also accepted at the cashier windows located at the downtown and perimeter campuses. Directions and other information about in-person payments is available on the Student Account website at sfs.gsu.edu/tuition-fees/payments/. Students may also mail a check or money order to: Georgia State University, Cashier's Office, P.O. Box 4029, Atlanta, GA 30302-4029. Checks must be made payable to Georgia State University and have an encoded checking account number on the face of the check. All checks not drawn in this manner will be returned. To ensure proper credit, the student's Panther ID should be included on all checks. To avoid cancelation of classes, payment by check must be received, not post marked, by the fee payment deadline.

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

Payment in Cash

Cash payments may be made at the Cashier's Office located at the downtown and perimeter campuses. Directions and other information about in-person payments is available on the Student Account website at sfs.gsu.edu/tuition-fees/payments/. 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 all classes (see Section 1332.10) will be subject to the refund policy for tuition and other fees. This policy decreases the amount of refund available at regular intervals during the term. **Students must withdraw from all classes to be eligible for a refund.** After a time during the term, no refund will be available. Complete information about the refund policy throughout the term is available in each term's online *Registration Guide* at http://registrar.gsu.edu/registration/registration-guide/.

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

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

Student Account refunds are paid by electronic transfer to the student's bank account via direct deposit, electronic transfer to the student's Money Network enabled PantherCard, or by check mailed to the student using the mailing address on file with Georgia State. The refund for a student who received financial aid will be audited to determine the amounts to be returned to financial aid programs, and the student will receive any remaining balance. Students who sign up for direct deposit or the PantherCard refund program receive their refunds faster and in a more secure manner than students whose refunds are mailed. Mailing addresses must be kept current by going to the Georgia State University PAWS student website at paws.gsu.edu to ensure proper mailing of refund checks.

1210.40 Housing Fees

Housing fees for each semester are due when tuition and other fees are due. The housing fees include utilities, cable television service, internet connection, and laundry rooms. University Housing offers a variety of choices from which you may select. Please check the housing website at myhousing.gsu.edu for specific rates, room type, room descriptions, and how to apply for housing. Housing fees are subject to change. For more information, contact University Housing at 250 Student Center, 404-413-1800, housing@gsu.edu.

For information regarding Lofts Tenant parking, visit Campus Services at services.gsu.edu.

1220 Georgia Resident Status

A student's Tuition Classification determines if they are classified as an In-state student or an Out-of-state student. Students who are classified as in-state pay a lower tuition rate than those who are classified as Out-of-state. Establishing residency for Tuition Classification 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. Also, Georgia residency status is distinct from the academic residency requirement for graduation. (See Section 1440.)

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/policymanual/section4/C329/#.

Students might qualify for In-state classification for tuition purposes if the student, the student's parents, or the student's U.S. court-appointed legal guardian meets all the conditions and is able to provide all of the required documentation. Additionally, the student must be a U.S. citizen, Resident Alien or is in a visa status permitting indefinite permanent residence in the United States.

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.

1220.10 Petitioning for Georgia Residency for Fee Payment Purposes

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

Students classified as out-of-state shall retain that status until officially reclassified as in-state. In order to be reclassified a student is required to submit a petition along with all of the required documentation listed on the petition form. The burden to support the contention that he/she qualifies for in-state tuition classification under University System of Georgia policy and applicable laws always rests with the student. The petition form for Georgia tuition classification is located at sfs.gsu.edu/tuition-fees/tuition-classification/petition-for-georgia-tuition-classification/.

Deadlines for Petitions

To ensure timely processing, petitions and all required documents must be submitted to the Registration and Compliance department within the Office of the Registrar, 224 Sparks Hall, no later than the deadlines listed below. Final determination of Georgia tuition classification prior to the deadline date for fee payment cannot be guaranteed for petitions received after the priority date. Petitions filed after the final deadline will be considered for the subsequent semester.

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

If a petition is approved, classification will not be retroactive to prior semesters.

A student wishing to appeal the decision resulting from his or her Petition for Georgia Tuition Classification may request a review of that decision by the University Committee on Residency and must submit such request in writing to the Office of the Registrar within 5 business 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). Students are encouraged to apply online at www.FAFSA.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. The FAFSA is available after October 1, 2017 for the 2018-2019 academic year. Students are urged to apply early for optimum financial aid benefits at www.FAFSA.gov. April 1, 2018 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 July 1, 2018 will be processed before the beginning of the fall semester.

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 certain certificate courses are not covered by financial aid. Students are not eligible to receive financial aid for a passed course attempted more than three times.

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

1230.05 Satisfactory Academic Progress

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 (SAP) as defined in Georgia State University SAP Policy. Satisfactory Academic Progress is defined by federal regulations as an assessment of a student's cumulative academic performance to determine if a student is academically progressing toward earning a degree. The assessment includes all accepted transfer and institutional attempted hours; this includes hours where financial aid may or may not have been awarded.

The assessment is measured using both a qualitative and quantitative standard. The qualitative standard requires that a student meet a certain cumulative GPA. The quantitative standard requires: 1) a pace of progression — a student must earn a certain percentage of courses attempted; and 2) maximum time-frame — a student may receive financial aid up to 150 percent of the published program of study required hours to earn a degree.

Satisfactory Academic Progress is assessed at certain points in time as defined in the institutional policy and if at the time of the assessment it is determined that the standards are not being met, the student may become ineligible for financial aid. Students that lose financial aid eligibility have the ability to appeal for reinstatement of financial aid. Appeals that are approved will have conditions that must be followed in order to continue to receive financial aid.

For information on Georgia State University's Satisfactory Academic Progress policy a student may visit the Student Financial Management Center at any of the campus locations, and the policy is available at sfs.gsu.edu/sap.

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 visit sfs.gsu.edu/scholarships-grants/src/. Additionally, students may visit the Scholarship Resource Center located at 251 Sparks Hall.

HOPE Scholarship/Zell Miller Scholarship

Students who are considered Georgia residents and are enrolled in an undergraduate degree program may be eligible for the HOPE /Zell Scholarship. The HOPE award covers a percentage of tuition to be determined annually. The Zell Miller Scholarship covers 100% of tuition. Fees and books are not covered by HOPE/ Zell Miller Scholarship. There is a seven year limit from high school graduation to be awarded. There is a maximum attempted hour limit of 127 total hours.

Beginning fall 2017, students enrolled in approved STEM courses at HOPE-eligible institutions will receive a boost to their postsecondary HOPE GPA calculation for the HOPE and Zell Miller Scholarships. A weight of 0.5 will be added to grades of B, C or D. The approved courses are specific, rigorous and typically offered during the first two years of college. The "STEM Weighted Course List" will be reviewed on an annual basis by the STEM Weighted Course Approval Council. The courses currently approved are ones required to obtain a major leading to one or more of the STEM career fields that require at least a bachelor's degree and are considered to be in high demand in Georgia. Please review the list of courses in the STEM Weighted Course Directory.

HOPE Scholarship

Recipients must have at least a cumulative 3.0 GPA at the end of each spring semester in order to continue their eligibility. In addition to these requirements traditional and nontraditional students must have at least a 3.0 cumulative HOPE GPA after the 30th, 60th, and 90th attempted hour. If the student does not meet the HOPE GPA requirements at 90 hours, he/she cannot regain his/her eligibility. For additional information on the HOPE Scholarship visit sfs.gsu.edu/scholarships-grants/hope-scholarship/ and www.GAfutures.org.

Zell Miller Scholarship

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

Must have at least a 3.7 High School GPA and a 1200 on the Math and Reading portions of the SAT or a 26 composite on the ACT OR graduate as the Valedictorian or the Salutatorian from an eligible high school OR graduate from an ineligible high school with a 1200 on the Math and Reading portions of the SAT or a 26 composite on the ACT AND achieve at least a 3.3 HOPE GPA at the 30 semester hour check-points in college.

Students who first entered college in 2007 or beyond:

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

For more information on Zell Miller Scholarship visit sfs.gsu.edu/scholarships-grants/zell-miller-scholarship/ and www.GAfutures.org.

1230.15 Grants

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

Pell Grant

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

Federal Supplemental Educational Opportunity Grant (FSEOG)

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

TEACH Grant

The TEACH Grant Program provides grants to full-time students who plan to teach full-time in high-need subject areas at schools serving students from low income families. Students attending less than full-time will have the grant reduced. Only undergraduate juniors and seniors, and graduates students may apply for the TEACH Grant.

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

1230.20 Student Loans

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

Undergraduate students with demonstrated financial need may borrow through the Federal Direct Student Loan program, and parents of dependent undergraduates may borrow through the Parent PLUS Direct 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 Counseling, and a Master Promissory Note (MPN) at https://StudentLoans.gov.

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

Perkins Loan

The Perkins Loans program expired September 30, 2015 and allowed certain student populations to receive final awards through the 2017-2018 academic year. The 2017-2018 academic year will be the last year that a student may receive a Perkins Loan.

Private Loans

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

1230.30 Student Employment Programs

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

Federal Work-Study and Panther Work Program

The purpose of the Federal Work-Study and the Panther Work Program is to provide jobs for students who need financial assistance. Applicants must demonstrate need and have a complete FAFSA to be considered. Students may apply for part-time employment at Handshake, Georgia State University's central 24/7 online job and internship board for students.

For additional information on Federal Work-Study and Panther Work Program visit sfs.gsu.edu/loans-work-study/student-employment/getting-started/.

1230.40 Veterans Financial Assistance

Veterans Benefits

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

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

Yellow Ribbon Program

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

Program Details

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

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

maintained. As scholarships become available, students placed on a waiting list will be honored first.

Eligibility Requirements

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

-or-

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

How to Apply for the Yellow Ribbon Program:

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

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

Vocational Rehabilitation

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

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

International Students

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

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

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

individual cannot be approved to receive financial aid.

Students with Non-United States Academic Credentials

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

Non-Native Speakers of English

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

1240 Scholarships and Awards Offered Through a College or Department

Some of the assistance opportunities listed in the following sections may be scholarships that require an application from the student, while others are awards that do not require application from the student. For questions concerning a particular program, please call the department, school, or college listed. To search the most current listing of Georgia State University Scholarships, visit https://app.gsu.edu/scholarships/search_scholarships.cfm.

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.

Scholarships for Students with Disabilities

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

1240.10 Andrew Young School of Policy Studies Scholarships

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

- **Amanda G. Hyatt Fellowship**: To provide fellowships to currently enrolled students pursuing a masters degree program with a concentration in Nonprofit Studies. Candidates will have shown excellent academic performance in undergraduate, degree-related coursework, and in the first semester of their master's degree coursework. Students in the first year of study may apply for the fellowship, which will provide support for their second year of graduate work.
- **Andrew Young Study Abroad Experience Scholarship:** To provide scholarships to students in the Andrew Young School who are eligible to participate in a study abroad program. Recipients must be enrolled in the Andrew Young School of Policy Studies, be in good academic standing at the university, and be eligible to participate in a university approved study abroad program.
- **Andrew Young School Undergraduate Scholarship:** This scholarship was established to provide financial assistance to outstanding leaders and scholars in the Andrew Young School of Policy

Studies (AYSPS). Awards of up to $2,000 will be made based on academic merit, leadership and need to undergraduate students enrolled in AYSPS degree programs.

- **Carole Keels Endowed Scholarship:** To provide scholarships to eligible graduate students enrolled in a degree program in economics. Eligibility is based exclusively on merit. Preference given to non-traditional students.
- **Chris Perrin Memorial Scholarship:** This award was established by the Georgia Council of Juvenile Court Judges in honor of Chris Perrin, a long-time advocate for children, executive director of the council and an alumnus of Georgia State University. This award, shared by the Department of Criminal Justice & Criminology and the School of Social Work, is given annually to one social work and criminal justice student.
- **Claudia Lacson Memorial Endowment:** To provide funds for rural health program development and for scholarships. The scholarships associated with this endowment are granted to graduate research assistants for the Health Policy Center in the Andrew Young School of Policy Studies. It is not a general scholarship available by application.
- **Coca-Cola Endowed Scholarship Fund**: To provide scholarships for graduate students and provide funds for a visiting international scholars program in the Andrew Young School of Policy Studies. **Please Note: The fund supports PhD students and scholarship decisions are made at admission. Applications for this scholarship are not accepted.**
- **Dan Sweat Scholarship:** To provide scholarships to students enrolled in the master of public administration degree program within the Department of Public Management and Policy. Eligibility is based on a combination of scholastic merit and financial need. Recipients must have completed 20 hours in the degree program with a grade point average of 3.5 or better and be preparing for, or further developing, a career in public administration. **Please Note: Applications for this scholarship are not accepted. Recipients are selected by the Public Management and Policy Admissions Committee and awarded for fall semester.**
- **D. (Jack) Dunn Fellowship and Research Fund:** To provide annual graduate fellowships and commissioning research papers on banking. The fellowship is for one year only for a masters or doctoral student. The recipient must be a second or third year student with academic and research interests in public finance, financial regulatory policy impact on national, regional and local economics, or public management. Preference given to students with a potential career in the Georgia work force.
- **George Malanos Economics Scholarship:** To provide scholarships to students in the PhD in economics program who best contribute to the intellectual and professional development of the economics community at Georgia State University.
- **Governor Joe Frank Harris Endowed Scholarship:** To provide an annual scholarship to an incoming MPA or MPP student who is a Georgia resident and has a 3.0 or higher grade point average. (Please Note: Applications for this scholarship are not accepted. Recipients are selected by the Public Management and Policy Admissions Committee and awarded for fall semester to incoming students.)
- **Jack Blicksilver Scholarship in Economics:** To provide scholarships to graduate students enrolled in the Andrew Young School of Policy Studies in a degree program in economics.
- **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.
- **Jean Childs Young Scholarship:** This scholarship was established in 2005 by Charles Loudermilk Sr. to provide financial support for AYSPS graduate students in honor of Ambassador Young's deceased wife, Jean Childs Young. The fellowship may be used for tuition, books, room, board and

other associated expenses incurred by graduate students.

- **Jim Mills Memorial Scholarship:** To provide one annual scholarship to a student in good standing and who demonstrates an interest in real estate, housing, community development, urban economic development, or urban planning. Preference will be given to students with a demonstrated interest in a public sector career. (Please Note: Applications for this scholarship are not accepted. Recipients are selected by the Public Management and Policy Admissions Committee and awarded for fall semester to incoming students.)
- **Judge Andrew A. Mickle Scholarship in Criminal Justice:** To provide scholarships to undergraduate students who are studying criminal justice. Preference is given to active military personnel, veterans, active POST-certified law enforcement officers, children of the preceding classes, children of retired or deceased military and law enforcement personnel, children of parents (one or both parents) born in Upstate New York, or students who were born there. If there are no qualified undergraduate applicants the scholarship may be awarded to a graduate student who meets the requirements. This scholarship is awarded based solely on merit. Recipients must have a GSU institutional GPA of 3.0 or higher.
- **Larry E. Quinn Scholarship:** To provide scholarships to employees of law enforcement agencies in the Metropolitan Atlanta area who are part-time or full-time students in the Criminal Justice program of the Andrew Young School of Policy Studies.
- **Mark E. Schaefer Graduate Fellowship:** To provide scholarships for graduate students in economics.
- **Nance Lu Mescon Scholarship:** This scholarship was established by Dr. Michael and Mrs. Enid Mescon to honor the memory of their beloved daughter, who passed away in 2011 after a long battle with anorexia. With this scholarship, the Mescon family seeks to raise awareness and stimulate scholarship around the issues relating to eating disorders. The scholarship provides financial support for undergraduate students, and preference will be given to qualified applicants currently enrolled at the Andrew Young School of Policy Studies.
- **Phil Peters Scholarship:** To provide scholarships for juniors at GSU majoring in criminal justice and who have at least a 3.0 GPA who plan to have a career in Criminal Justice. The scholarships will be awarded based solely on merit.

1240.20 College of Arts and Sciences Undergraduate Scholarships

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

College of Arts & Sciences

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

high achieving students in the International Studies Program. The student may be either undergraduate or graduate who is traveling to do research or study in a country the student has not yet visited. Preference given to those students who have not had a previous opportunity to travel abroad.

- **Roberta Gose Kelley Undergraduate Scholarship in Arts and Sciences:** The scholarship was established in memory of, and to honor Roberta Gose Kelley and her commitment and dedication to public education in the state of Georgia. Ms. Kelley was president of the PTA at Garden Hills Elementary School and was always active in PTA and the schools as a parent and member of the community. The scholarship is created by her husband, Jim Kelley. This scholarship should be available to an undergraduate student(s) at the junior or senior level with demonstrated financial need. Applicants should be in good academic standing with the university and may be pursuing any degree in the College of Arts and Sciences.
- **The Lee Project Endowed Scholarship:** The scholarship provide support to students in good academic standing enrolled in the College of Arts and Sciences. Recipients must be graduates of a Georgia public high school with strong preference given to those who graduated from Grady High School in Atlanta, Georgia.

Anthropology

- **Jeremy Gillen Memorial Scholarship in Anthropology:** Recognizes a senior major who shows strong potential in the field of anthropology, in memory of Mr. Gillen's enthusiasm for anthropology.
- **Robert L. Blakely Endowed Scholarship in Anthropology:** Recognizes an anthropology senior who shows strong potential in the field of anthropology, in memory of Dr. Blakely's contribution to anthropological education.

Applied Linguistics & English as a Second Language

- **Applied Linguistics/ESL Scholarship:** This scholarship award is given to students in good standing in undergraduate or graduate programs in the department.

Biology

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

Communication

- **George R. and Frances T. Greiff Scholarship/Fellowship:** Awarded annually to a journalism undergraduate or graduate student in honor of George Greiff, a former journalism professor at Georgia State University.
- **Eleanor McEdwards International Opportunity Scholarship:** This scholarship provides support for journalism, public relations, or communication students participating in study abroad programs. Students must be in good standing and have a grade-point average of 3.0 or higher to be

eligible for the award. The scholarship was established by Dr. Colleen McEdwards and Scott Burnside in honor of her mother, Eleanor McEdwards, who was dedicated to creating and promoting opportunities for international travel and study among young people. Because of Eleanor's dedication, Dr. McEdwards was able to participate in study abroad programs throughout the former Soviet Union, and then went on to become an anchor and correspondent for CNN International.

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

English

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

Geosciences

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

Gerontology

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

History

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

Mathematics & Statistics

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

Philosophy

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

Physics & Astronomy

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

Psychology

- **Theresa Nash Bernstein Scholarship in International Travel:** Dr. Lauren B. Adamson and her husband, Dr. Walter L. Adamson, established this scholarship for high achieving students who have not had the opportunity to travel abroad for study purposes. The scholarship was established in honor of Dr. Lauren Adamson's mother, Teresa Nash Bernstein, a teacher, artist, and world traveler.
- **Elizabeth A. Kenny Scholarship:** Elizabeth Kenny (B.S., Psychology, 1999) and her husband Michael, a partner at the law firm Alston and Bird, established this scholarship to reward a rising junior or senior psychology major who demonstrates outstanding academic performance as well as focused intent to pursue further studies and a career in psychology.

Sociology

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

Women's, Gender & Sexuality Studies

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

1240.25 The Honors College Scholarships

- **Alonzo F. and Norris B. Herndon Human Rights Scholarship.** For Honors students who are engaged in advancing human rights through scholarship, research, creative work, leadership or community service.
- **Apperson Family Scholarship.** For Honors students not admitted as first-semester freshmen who have completed at least 20 credit hours and have participated in the Honors curriculum.
- **Madison Roarabaugh McLester Scholarship.** For Honors students in any major; preference given to students who are active in mentoring and volunteerism and/or are graduates of Grady High School in Atlanta, Georgia.
- **Honors College Study Abroad Scholarship.** For Honors students who are in the process of enrolling in a credit-bearing study abroad or international internship program.
- **Academic Excellence Scholarship.** Honors students are encouraged to submit their best work produced for any Honors course, including the Honors thesis project, for consideration.
- **Dugald Hudson Memorial Scholarship.** For rising junior Honors students (45-60 credit hours) in any major who have demonstrated excellence.
- **Kirkland-Sattelmeyer Scholarship.** For rising junior Honors students (45-60 credit hours) in any major who have demonstrated excellence.
- **Honors College Parents Club Award.** For Honors students with outstanding academic records and exceptional Honors participation.
- **Empowering Excellence Award.** For the recognition of high-performing first-generation Honors students.
- **Dugald Hudson and Nancy R. Mansfield WomenLead Scholarship.** For Honors students who have completed or are currently enrolled in the required Women Lead course.

- **Mary Long Nursing Scholarship.** For Honors students in nursing who have demonstrated financial need and espouse the values of compassion, fairness, collaboration, respect for cultural diversity and dignity in all people.
- **Sandy and G. Rankin Cooter Kinesiology and Health Award.** For kinesiology and health students in the Honors College.
- **Sandy and G. Rankin Cooter Student Athlete Award.** For student athletes of all majors who are in good standing in the Honors College.

1240.30 HOPE Scholarship/Zell Miller Scholarship

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

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

Beginning fall 2017, students enrolled in approved STEM courses at HOPE-eligible institutions will receive a boost to their postsecondary HOPE GPA calculation for the HOPE and Zell Miller Scholarships. A weight of 0.5 will be added to grades of B, C or D. The approved courses are specific, rigorous and typically offered during the first two years of college. The "STEM Weighted Course List" will be reviewed on an annual basis by the STEM Weighted Course Approval Council. The courses currently approved are ones required to obtain a major leading to one or more of the STEM career fields that require at least a bachelor's degree and are considered to be in high demand in Georgia. Please review the list of courses in the STEM Weighted Course Directory.

Zell Miller Scholarship

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

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

Students who first entered college in 2007 or beyond:

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

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

1240.40 Army Reserve Officers Training Corps Scholarships

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

1240.50 College of Education and Human Development Scholarships

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

1240.60 Byrdine F Lewis College of Nursing and Health Professions Scholarships

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

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

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

- **Merle Kennon Lott Scholarships:** These annual nursing scholarships provide funding for one returning RN-BS student and one MS or RN-MS student in the amount of $1500 for each student. There is also a $1000 dissertation award to a doctoral nursing student engaged in research that contributes to the body of Public Health Nursing knowledge. RN-BS and MS students must have worked in Public Health and have plans to continue their career in Public Health. For the dissertation award, the candidate must show how the outcome of their research will add to the body of Public Health/Primary Care Nursing knowledge. Eligibility requirements may be obtained from the Office of Records and Information in the School of Nursing.
- **Georgia State University Outstanding B.I.S in Health Informatics Program Student Award**: Georgia State University recognizes one outstanding Health Informatic student from each graduating cohort per year. This award is given to students who have demonstrated academic achievement, have strong leadership skills, and strong potential as future health IT professionals.
- **Byrdine F. Lewis Clinical Practice Scholarship**:To provide scholarships for qualified traditional and accelerated nursing students. Students must be enrolled in the Byrdine F. Lewis School of Nursing baccalaureate program, have a GSU program GPA of 3.0 or higher, and be committed to clinical practice in a hospital setting. Financial need will be taken into consideration.
- **Nursing Student Research Award**: This award recognizes students who have made outstanding research contributions, become a role model for other students and exhibited potential of becoming a significant contributor to the nursing professions.
- **Kaiser Permanente Nursing Scholarship**: To provide scholarships to undergraduate students enrolled in a Nursing degree program with a minimum GSU program GPA of 3.0 and documented financial need.
- **Maymi Walker Chandler Memorial Scholarship**: To provide scholarships to female GSU students who are legal residents of Georgia. Students in the School of Nursing will be considered first, but the scholarships may be awarded to students in any program in the Byrdine F. Lewis School of Nursing and Health Professions.
- **Johnnie W. Prothro Academic Excellence Award**:This award is given to an undergraduate student who has achieved a high level of academic excellence in the nutrition program.
- **The Daniel J. Sansone Memorial Scholarship**: To provide scholarships for undergraduate students majoring in Nursing or Respiratory Therapy with preference given to those interested in pediatrics.

1240.70 J. Mack Robinson College of Business Scholarships

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

- **ACE Charitable Foundation Scholarships:** Up to $5,000 awarded to undergraduate or graduate students enrolled in any academic program offered by the Risk Management and Insurance Department. Selection is based on scholarship and need. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by February 1.
- **The American Hotel & Lodging Association Scholarships:** The AH&LA administers several scholarships for hospitality majors including the Hyatt Hotels Fund for Minority Lodging

Management Studies and the Arthur Packard Memorial Scholarship. These scholarships, awarded through a national competition, are based on academic performance, industry work experience, extracurricular involvement and career objectives. Applications are submitted through the School of Hospitality.

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

graduate student who exhibits an interest in the claims function or who majors in risk management and insurance. Selection is made on the basis of scholarship, past accomplishments and potential for growth. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by May 1.

- **Sam Baig/Colemont Scholarship**: Up to $7,500 is awarded to a GSU student currently enrolled in the Undergraduate or Master's program with a Risk Management and Insurance concentration. Scholarship will be awarded on a need and merit, but students must have a GPA of 3.25 or higher. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by February 1.
- **Mary Kathleen Barry Study Abroad Scholarship:** This scholarship will provide support to students in good standing who wish to study abroad including but not limited to programs in Global Business and Media. Recipients must have a demonstrated financial need and a GPA of 3.0. Preference will be given to Robinson College of Business students with no previous study abroad experience.
- **BDO Seidman Accounting Scholarship:** An outstanding accounting student with high academic achievement receives a cash award from BDO Seidman. The scholarships are intended for deserving accounting students with a minimum GPA of 3.5 who demonstrate a high academic standing and excellent leadership skills. Candidates should apply to the School of Accountancy by January 10.
- **J. Ed Bell Scholarship:** This scholarship is named in honor of J. Ed Bell, a retired agency director of State Farm Insurance. Applicants for this scholarship must be full-time undergraduate or graduate students with a minimum Georgia State University grade point average of 3.00. Other criteria include character, leadership ability, financial need, and an interest in pursuing a career in the life and health insurance industry. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by February 1.
- **Williams Benator & Libby Scholarships:** An outstanding undergraduate student and an outstanding graduate student receive cash awards from Williams Benator & Libby.
- **Bennett Thrasher Accounting Scholarship:** A rising senior accounting student with high academic achievement and involvement in Beta Alpha Psi receives a cash award from Bennett Thrasher. The scholarships are intended for deserving accounting students with a minimum GPA of 3.5 who demonstrate a high academic standing and excellent leadership skills. Candidates should apply to the School of Accountancy by January 10
- **The Bergeron Women in Technology Leadership Fund**: Through the generosity of alumna Sandra Bergeron and her husband, Douglas Bergeron, CEO of Verifone, this $1 million scholarship fund makes awards of up to $10,000 annually to five female undergraduate or graduate students who have expressed or demonstrated high potential for leadership careers in technology. In addition to the monetary stipends, one-on-one mentoring by female CEOs, CIOs, or other senior executives is provided to each of the award recipients to assist them in their educational and career advancement.
- **Bermuda Foundation for Insurance Studies/GSU Bermuda Scholarship**: This fund assists Bermudian undergraduate students in pursuing an education in risk management and insurance or actuarial science at Georgia State University. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by February 1.
- **Beta Gamma Sigma Award:** This award is co-sponsored by the Robinson College of Business and Beta Gamma Sigma (BGS). The fund was established o acknowledge a 23 percent increase, from the previous year, in RCB students who joined as BSG members. Recipients must be a current BGS member and degree seeking student enrolled in a business program at Georgia State University in the next academic year.

- **Evelyn S. Bowyer Scholarship:** Endowed in memory of Evelyn S. Bowyer, alumna and longtime Georgia State University employee, by family, friends, and colleagues. This award is given annually to an undergraduate or graduate student majoring in finance. The criteria used to determine the recipient include classroom performance, leadership skills, and financial need.
- **Kathryn C. Buckner/PriceWaterhouse Coopers Scholarship:** Annually, in honor of Dr. Kathryn C. Buckner, PricewaterhouseCoopers selects two outstanding students to receive $3,000 scholarships based on accounting achievements and application to or enrollment in the Masters of Professional Accountancy, Masters of Taxation, or MBA program at Georgia State University.
- **Anne-Marie Campbell Scholarship:** This scholarship was established in 2013 by GSU alumna Ms Anne-Marie Campbell to provide support for undergraduate students in good standing who are majoring in any discipline within the Robinson College of Business. Recipients must have a current GSU GPA of 3.0 or higher. Contact the Dean's office for additional information.
- **Andrew and Eula C. Carlos Scholarship:** Mr and Mrs Carlos established this scholarship in support of Robinson College of Business students. The recipients should be undergraduates in the College with a 3.0 GSU GPA or a graduate student in the college with a 3.25 GSU GPA. Contact the Dean's office for additional information.
- **Thalia N. and Michael C. Carlos Scholarship:** Two annual scholarships have been established by the Michael C. Carlos Foundation for students in the Robinson College of Business who are residents of the state of Georgia.
- **The Carr,Riggs & Ingram Scholarship:** Carr, Riggs & Ingram Scholarship recognizes two outstanding accounting students with high academic standing with cash rewards.
- **S. Tamar and Judith A Cavusgil Scholarship:** This scholarship provides support for RCB students wishing to study abroad. These scholarship awards will be made based on need and academic achievement. Preference will be given to students studying in emerging markets with an institutional GPA of a 3.0 or higher and the ability to demonstrate financial need.
- **Barkat Charania Scholarship**: Established in 2013 by Georgia State alumnus Rahim Charania, in honor of his father Barkat Charania, whose greatest passion is for increasing the availability for young people to receive a quality education. Recipients must be undergraduates in the Robinson College of Business, in good academic standing with a minimum GPA of 3.0. Contact the Dean's office for additional information.
- **The Chick-fil-A Outstanding Marketing Student Scholarship**: Endowed in 2012 to honor the 30-year relationship between Chick-fil-A and Dr. Ken Bernhardt. This scholarship is awarded to a student majoring in Marketing with high academic performance, outstanding character, and a high likelihood of a successful career in Marketing. Ideally, the students will also be employed by Chick-fil-A.
- **Commercial Real Estate Women of Atlanta Award:** Underwritten by the Staubach Company, this award includes $1,000 and a one-year honorary membership in CREW Atlanta. The recipient is selected based on academic achievement, leadership skills, and potential success in a real estate career. Information is available from the Department of Real Estate.
- **The John H. Cowart Scholarship:** Funded by an endowment established by John H. Cowart, Sr. (John Cowart Homes, Inc.), this award is given annually to one or more real estate students to pursue promising research under the direction of faculty in the Department of Real Estate. Both merit and need of candidates are evaluated. Information is available from the Department of Real Estate. The application deadline is January 31.
- **Cecil B. Day Endowment Scholarships:** Hospitality majors and certificate students are eligible to apply for these scholarships awarded based on exemplary academic performance and a commitment to the hospitality industry through work experience and involvement in professional associations

and/or extracurricular activities. Contact the School of Hospitality for more information.

- **Cecil B. Day Memorial Scholarships:** Administered by the American Hotel & Lodging Association, these scholarships are based on academic, work and campus/community involvement. Contact the School of Hospitality for additional information.
- **Crowe Horwath LLP Outstanding Accounting Student Scholarship:** An outstanding junior accounting student with strong leadership skills receives a cash award from Crowe Horwath. The scholarships are intended for deserving accounting students with a minimum GPA of 3.5 who demonstrate a high academic standing.
- **Deloitte & Touche Achievement Award:** Each year, a junior accounting student with high academic standing and promise in the field of accounting receives a cash award. The scholarships are intended for deserving accounting students with a minimum GPA of 3.5 who demonstrate a high academic standing. Candidates should apply to the School of Accountancy by January 10.
- **The Derrick Collins Accounting Award:** Each semester, five outstanding accounting students will receive a scholarship in honor of Mr. Derrick Collins
- **The Doner Scholarship:** The Doner Agency awards this scholarship to an exceptional student in the Robinson College of Business Marketing Department's advertising certificate pathway. Qualified students will demonstrate high academic achievement in an overall GPA and high achievement in the advertising courses required for certification. Faculty members who teach the advertising courses will nominate students.
- **Jack Dunn Scholarship:** This award is given to an undergraduate finance major in honor of the former Commissioner of Banking and Finance of the state of Georgia. The recipient of this award is chosen based on academic performance.
- **John M. Dyer First Generation Finance Scholarship:** To provide support for first generation undergraduate students in the Department of Finance in the J Mack Robinson College of Business. The recipient must be in good academic standing, be a first generation college student and have a demonstrated unmet financial need as determined by the Office of Financial Aid. Please contact the department for further information.
- **H. Talmage Dobbs Jr. Outstanding Finance Student Award:** This award is named after Mr. H. Talmage Dobbs Jr., past chairman of the board of Life of Georgia and an alumnus of Georgia State University. The award is presented to the outstanding undergraduate finance major over the past year. The criteria used to determine the recipient includes classroom performance and recommendations from past instructors.
- **Educational Foundation of Georgia Society of CPAs Accounting Excellence Award:** The senior accounting major with the highest grade point average receives a Certificate of Academic Excellence and a cash award of $500 from the Georgia Society of Certified Public Accountants Educational Foundation.
- **Faculty Recognition Award:** Each year, the faculty of the School of Accountancy recognizes an undergraduate student with high academic achievement, leadership in school activities, and professional aptitude with a cash award up to $500.
- **Federation of Schools of Accountancy Student Award:** Each year, the Federation of Schools of Accountancy awards an outstanding student with a recognition plaque and a cash award up to $500 based on academic achievement.
- **Bradford and Patricia Ferrer CIBER Scholarship:** The purpose of the fund is to provide support to CIBER students who wish to study abroad. Should the CIBER program cease to exist, the Ferrers intend that the scholarship be used to support Robinson College students with financial need who wish to participate in study abroad opportunities.
- **Foundation for Agency Management Excellence Scholarship (FAME):** $5,000 awarded to one

Junior and one Senior. The students must have a 3.0 GPA, be financially needy, be in good standing with the University, be full time, and enrolled in an insurance related field of study. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by February 1.

- **Frazier & Deeter Scholarship:** Each year, Frazier and Deeter honors a Georgia State University student of high academic achievement with a cash award.
- **Georgia CCIM Chapter Scholarship:** Funded by the Commercial Investment Real Estate Institute, the scholarship is given annually to one undergraduate real estate major planning a career in commercial real estate. In addition to the cash award, the recipient receives complimentary enrollment in the first course toward receiving the CCIM designation. The selection criteria include academic achievement, extracurricular activities, communication skills, and professional commitment. Information is available from the Department of Real Estate.
- **Georgia Atlanta Chapter of Chartered Property and Casualty Underwriters:** This scholarship awards up to $2,000 to an undergraduate or graduate risk management and insurance major. Selection is based on need, scholarship, and character. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance prior to February 1.
- **Grant Thornton Achievement Awards:** Each year, two outstanding accounting students with high academic achievement receive a cash award sponsored by Grant Thornton. The scholarships are intended for deserving accounting students with a minimum GPA of 3.5 who demonstrate a high academic standing and excellent leadership skills. Candidates should apply to the School of Accountancy by January 10.
- **Dennis E. Grawoig Memorial Award:** Awarded to the outstanding undergraduate student in the Managerial Sciences displaying exceptional analytical skills, this award is given in memory of the founder of the Department of Decision Sciences and the first President of the Decision Sciences Institute. It is based on academic achievement, potential for leadership and service to the university and community. Scholarships are awarded during the spring semester and candidates for scholarships are chosen based on faculty nomination.
- **The Marketing RoundTable Outstanding Minority Marketing Student Scholarship:** This scholarship is sponsored by the GSU Marketing RoundTable and is awarded annually to students of African American, Hispanic American, or Native American ethnicity and currently enrolled in a Marketing course, pursuing a marketing degree with high academic standing and with a high expectation of success in pursuing a career in marketing. Qualified students will have a minimum grade point average of 3.0. Students must be nominated and supported by Marketing faculty members
- **GSU Risk Management Foundation, Inc. Scholarship**: This scholarship is awarded to an undergraduate or graduate student majoring in a program offered by the Department of Risk Management and Insurance. The amount of award varies, and selection is based on merit. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by February 1.
- **Tim & Kathleen Gunter Study Abroad Scholarship:** This scholarship will provide support to business students wishing to study abroad with financial need who possibly otherwise would not be able to participate in an academically enriching global experience.
- **Hall of Fame Scholars Program Fund:**This scholarship was established from the proceeds of the Robinson College Annual Hall of Fame Celebration. It is awarded in recognition of undergraduate students with leadership potential in business, as exemplified by their academic and professional achievements.

- **The Hammill Scholarship:** This scholarship is awarded to students majoring in Marketing in honor of Richard Hammill, past senior vice president of Marketing at The Home Depot. The criteria for selection require that the person be a current student with declared Marketing major who has completed more than the basic marketing course, has high scholastic achievement, high potential for a successful career in marketing, and financial need.
- **Homer R. Hannah, Jr. Memorial Scholarship**: Mrs. Joyce Hannah established this award in memory of Homer R. Hannah, Jr. This award is specific for undergraduate junior or seniors having a GPA of 2.5 or higher and who are Georgia residents. Recipients must be in good standing at the Robinson College and have a strong drive and commitment to completing their education.
- **Floyd S. Harper Award:** The late Dr. Harper was instrumental in the formation of the Georgia State Actuarial Science Program in 1958. The Department of Risk Management and Insurance presents this award annually upon graduation to the senior in actuarial science who exemplifies the qualities that Dr. Floyd S. Harper strove to develop in his students: scholastic achievement and character.
- **Sidney and Mary Harris Travel Award:** Dr. Sidney E. Harris, former dean of the J. Mack Robinson College of Business, and his wife, Dr. Mary Harris, established the Sidney and Mary Harris Travel Award to support Robinson College of Business students to internationalize their program of study.
- **Crowe Horwath LLP Outstanding Accounting Student Scholarship**: An outstanding junior accounting student with strong leadership skills receives a cash award from Crowe Horwath. The scholarships are intended for deserving accounting students with a minimum GPA of 3.5 who demonstrate a high academic standing. Candidates should apply to the School of Accountancy by January 10.
- **Hotel Equities Scholarship:** This scholarship was established by Hotel Equities, a full service hotel management company founded by Georgia State alumnus, Fred Cerrone, who now serves ad the company's CEO and President. Selection criteria include academic achievement, interest in pursuing a career in the hospitality industry, demonstrated leadership potential and commitment to participating in community service
- **Hunter Realty Scholarship**: This scholarship was established by Hunter Realty, leading hotel brokers since 1978. In addition to academic performance and work experience, preference is given to students with career plans in hotel development and double-majors in hospitality and real estate or finance.
- **Insurance Professionals of Atlanta**: This scholarship of up to $2,000 is awarded to an undergraduate or graduate female student who is a risk management and insurance major and plans to pursue a career in the insurance field. Selection is based on need and scholarship. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance prior to February 1.
- **The E. A. Isakson Scholarship:** This scholarship established by the Atlanta Board of Realtors is in honor of Mr. Ed A. Isakson, past president of the Atlanta Board of Realtors. One or more scholarships will be provided each year for outstanding students majoring in real estate. The criteria for selection are need, scholastic achievement, and expression of a sincere interest in a professional career in real estate. Information is available from the Department of Real Estate. The application deadline is January 31.
- **International Council of Shopping Centers (ICSC) Undergraduate Real Estate Award:** This annual scholarship award by the ICSC Foundation is given to a junior or senior enrolled in an undergraduate real estate program who displays excellence academically and exhibits a career interest in the retail real estate sector. The recipient is selected each fall based on faculty

nominations. Information is available from the Department of Real Estate. The application deadline is January 31.

- **Mrs. Josephine J. Isakson Scholarship:** This award is presented in memory of a prominent Atlanta-area real estate family to recognize superior academic achievement and potential. It may be awarded to either a graduate or an undergraduate student. Information may be obtained from the Department of Real Estate. The application deadline is January 31.
- **Mrs. Tommie Jackson Scholarship:** This scholarship, established by realtors, honors Mrs. Tommie Jackson, executive vice president of the Atlanta Board of Realtors. The earnings from this fund are to be used to provide one or more scholarships each year for outstanding students majoring in real estate. The criteria for selection are scholarship, achievement, and an expression of a sincere interest in a professional career in real estate. Information is available from the Department of Real Estate. The application deadline is January 31.
- **John Jordan Scholarship in Club Management**: This scholarship is in honor of John Jordan, General Manager of the Cherokee Town and Country Club for almost 45 years. It is awarded to a student who is majoring in hospitality with a club management focus. Selection is also based on academic achievement, work experience and club industry involvement.
- **Robert R. King Memorial Scholarship:** This scholarship is in memory of Robert King, a leader in Georgia's hospitality industry as president of Georgia Hospitality and Travel Association. It is presented to a hospitality major based on academic achievement, school and community involvement and work experience.
- **The Clyde Kitchens Delta Sigma Pi Award:** This award was established by the Clyde Kitchens Foundation, Inc., to provide a $1,000 scholarship to be awarded to an outstanding student in the Robinson College of Business. The award recipient is selected on the basis of academic performance and potential in the field of business.
- **KPMG Academic Excellence Scholarships:** KPMG recognizes two undergraduate accounting students and two graduate accounting/tax students who have excelled academically with cash awards.
- **KPMG/John T. Zellner Scholarship in Actuarial Science**: This scholarship was established for undergraduate students who are studying actuarial science in the J. Mack Robinson College of Business. The recipients must be in good academic standing at Georgia State University, have a minimum GPA of 3.0 and have demonstrated financial need.
- **Louis Samuel Brook, Jr Scholarship:** This scholarship was established by the Louis Samuel Brook,Jr Foundation for the benefit of deserving students in the Robinson College of Business who have attended Georgia State for at least one year. Contact the Dean's Office for additional information
- **George E. Manners Scholarship**: This scholarship supports graduate students in business administration who are selected on the basis of scholastic achievement and potential in business administration. Students should have a minimum GPA of 3.85 and must have one faculty letter of recommendation. Contact the Dean's office for additional information
- **Connie and Ken McDaniel Scholarship**: This scholarship provides support to undergraduate students in the School of Accountancy who are in good academic standing in the Robinson College of Business with a minimum GPA of 3.5 and demonstrated financial need. Contact the Dean's office for additional information.
- **Annemarie Michaud Scholarship:** This annual scholarship, offered only in the Spring will provide support to students who wish to incorporate an international experience to their academic portfolio.Students must be able to demonstrate financial need as documented by the Student Financial Aid Office and have a minimum GPA of 3.0.

- **The Mills B. Lane/Bank of America Scholarship** The Mills B. Lane Scholarship was established by Bank of America in 1997 to benefit full-time students in the Robinson College who are juniors or seniors with academic achievement of 3.0 GPA or better and demonstrate potential for success in business. Contact the Dean's Office for additional information
- **Tasca A. Moore Scholarship**: This scholarship was established by Mr. Tasca A. Moore in memory of his parents, John Tasca Moore and Maggie Elizabeth Moore, as well as Dr. Leland C. Whetten, to provide support for students majoring in accounting, finance, or municipal financial management. Contact the Dean's Office for additional information
- **John W. Morgan Scholarship:** This $2,500 annual scholarship was endowed by Pritchard & Jerden, Inc. and 11 of its employees in honor of their friend and colleague John W. Morgan. The scholarship will be awarded to an undergraduate or graduate student who exhibits a strong interest in the claims function and is majoring in risk management and insurance. Selection will be made on the basis of scholarship, character, and need. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by February 1.
- **The James W. Morton, Jr., Memorial Scholarship:** Up to $2,500 is awarded annually to an undergraduate or graduate student enrolled in any academic program offered by the Risk Management and Insurance Department. The scholarship honors James W. Morton, Jr., a man instrumental in the development of the State Farm Insurance organization in Georgia. Selection is based on merit. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance prior to February 1.
- **Lori Muse Study Abroad Scholarship Endowment:** The Lori Muse Study Abroad Scholarship Endowment was established in memory of a former student, Lori Muse and her love for international travel.
- **National Association of Black Accountants Leadership Award:** Each year, a member of the National Association of Black Accountants receives a cash award up to $500 in recognition of leadership ability and contributions to the Georgia State University chapter of the National Association of Black Accountants.
- **The National Association of Computer Consulting Businesses Scholarship (NACCB):** This scholarship was established in 1998 by a consortium of Atlanta businesses to assist a qualified undergraduate or graduate student (full-time). The annual award of $1000 is presented to a computer information system major who best demonstrates a combination of academic excellence and financial need.
- **National Restaurant Association Scholarships:** For hospitality majors specializing in the restaurant and foodservice areas, the NRA offers a number of scholarships that are awarded nationally. Contact the School of Hospitality for information on the specific scholarships and application details.
- **The Marketing Roundtable Outstanding Minority Marketing Student Scholarship:** Awarded annually to one or more outstanding undergraduate or master's level marketing students, currently enrolled in marketing courses, who are members of underrepresented minority groups. Students must be pursuing a degree in marketing with high academic standing and a high expectation of success in pursuing a career in marketing.Qualified students must have a minimum GPA of 3.0 and must be nominated and supported by a faculty member in Marketing.
- **North Point Hospitality Group Scholarship**: This scholarship was established by North Point Hospitality Group, a company that owns, develops and manages brand defining hotels. S. Jay Patel is the President and CEO of North Point, a company founded by his father in 1978, JK Patel. This scholarship is awarded to a hospitality major based on academic achievement, a demonstrated interesting in pursuing a career in the hotel/hospitality industry and demonstrated financial need.

- **Phyllis L. Parker Scholarship**: This scholarship was established in 2011 by Georgia State alumna Phyllis L. Parker to provide support to students who are majoring in any discipline in the Robinson College of Business. Recipients must be a first generation college student, and have at least one parent who emigrated to the U.S. and became a naturalized citizen or permanent resident. Contact the Dean's office for additional information.
- **The Rama Scholarship for the American Dream:** The Rama brothers, principals of JHM Hotels, established this scholarship. The scholarship is awarded annually to an undergraduate or graduate hospitality major. It is based on academic performance, hospitality work experience, financial need and extracurricular involvement. Administered by the American Hotel & Lodging Association, contact the School of Hospitality for additional information.
- **Real Estate Education Association Harwood Memorial Scholarship:** Named in honor of Dr. Bruce Harwood, these $250 scholarships are awarded to up to 10 students nationwide who plan careers in real estate. Recipients are selected based on academic achievement and letters of recommendation. Applications are available from the Department of Real Estate and should be returned directly to REEA by January 31.
- **Real Estate Educators Association Technology Scholarship:** Two $500 scholarships are awarded nationwide in honor of Dr. Donald E. Bodley. Recipients are selected based on academic achievement, letters of recommendation, and an essay on the role of technology in the future of the real estate profession. Applications are available from the Department of Real Estate and should be returned directly to REEA by January 31.
- **The Spurgeon Richardson Scholarship:** This scholarship is in honor of Spurgeon Richardson, a leader in Atlanta's hospitality community for decades. Richardson served as President and CEO of the Atlanta Convention & Visitors Bureau for 17 years. In this role, he positioned tourism as one of the city's top economic drivers and helped develop Atlanta to become a world-class city. This scholarship is presented to a hospitality major based on academic achievement, school and community involvement and work experience.
- **Pickett Riggs Scholarship:** This scholarship was established by the Young Alumni Council of Georgia State to honor Mrs. Pickett Riggs, former teacher of quantitative methods (decision sciences), who was one of the university's most highly esteemed teachers. The scholarship will be awarded each year to the graduate or undergraduate student in the Robinson College of Business who exemplifies those ideals which Mrs. Riggs valued and encouraged: high scholastic achievement, leadership abilities, and commitment to Georgia State University. Applications may be obtained from the Office of Academic Assistance in the Robinson College of Business. Completed applications must be returned to the Alumni Office, G88 Dahlberg Hall, by February 28.
- **Risk Management and Insurance Alumni Club Undergraduate Student of the Year Award:** Selected by the faculty of the Department of Risk Management and Insurance, this award recognizes the most outstanding undergraduate student in the Risk Management and Insurance program. This is a $500 cash award.
- **Nita Robinson Scholars:** In honor of Mrs. Nita Robinson, J. Mack Robinson has pledged $1 million to perpetuate a program to encourage Robinson College of Business students to further their understanding of the global business environment. Awards are made to students who are involved in the College's Institute of International Business or students who plan to undertake a study abroad program or international internship. The Nita Robinson Scholars program will annually recognize up to 25 undergraduate and master's-level students.
- **The James R. Rozelle Memorial Fund:** This fund is awarded annually for the computer information system undergraduate major who has shown the greatest aptitude for computer programming as determined by grade point average and instructor nomination. This award was

established to honor the late Dr. James Rozelle who was on Georgia State University faculty for over 25 years.

- **Dr. David Schwartz Memorial Scholarship:** Established in 2013 through a lead gift from GSU alumnus Lamar Smith and other Georgia State alumni and friends in memory of Dr. David A. Schwartz. He was a professor of marketing in the Robinson College of Business and was considered a leading American authority on motivation. Awarded to undergraduate marketing majors in good academic standing with a GPA of 3.0 or above. Contact the Dean's office for additional information.
- **The Sales Executive Roundtable (SERT) Scholarship:** Created by the Marketing department in 2014. Consideration will be given to currently registered students who have taken or are currently taking a sales courses in the department of Marketing and who have expressed an interest in pursuing a career in sales. The scholarship requires a student to demonstrate high academic achievement, and to demonstrate basic sales competencies as required for qualification for national sales competitions to be considered.
- **Michael S. and Cynthia C. Shannon Scholarship:** This scholarship will provide support to students in good standing in the Robinson College of Business to pursue a study abroad program. Recipients must have demonstrated financial need as documented by the Office of Financial Aid and a minimum GPA of 3.0. Preference will be given to students with no previous study abroad experience.
- **Nicholas and Anne Marie Shreiber Scholarship:** Nicholas and Anne Marie Shreiber established the Shreiber Scholarship in 2011 to provide support for an undergraduate student in the Robinson College of Business with a GPA of 3.3 or greater and who is a U.S. citizen and resident of Georgia. Contact the Dean's office for additional information
- **Don Sledge Scholarship:** This scholarship was established by Karen Mae Sledge in honor of her father, Don Sledge. Up to $200 is awarded to a full-time undergraduate student enrolled in any of the programs offered by the Risk Management and Insurance Department. Selection is based on merit, and the recipient will be invited to a luncheon to meet the donors. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by February 1.
- **Society for Information Management Scholarship (SIM):** This fund is awarded annually for the computer information system undergraduate major who has shown a combination of the greatest financial need combined with the highest academic capabilities. Academic aptitude is determined by grade point average and instructor nomination. This award was established by the Atlanta chapter of SIM, a major non-profit national IT professional organization.
- **Robert S. Spencer Memorial Foundation Scholarship:** The Robert S. Spencer Memorial Foundation, Inc. provides a scholarship of up to $10,000 to an undergraduate or graduate student who intends to pursue a career in risk management. The scholarship honors the late Robert S. Spencer, a leader in the development of the risk management discipline and past president of the Risk and Insurance Management Society (RIMS). Selection is based on merit. Candidates should contact the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance for the details by December 1.
- **The Sprint Scholarships:** These scholarships are four, $500 annual awards presented to deserving junior- or senior-level students. Students must have a minimum 3.5 GPA and demonstrate a financial need.
- **Howard S. and Marie H. Starks Scholarship:** Mrs. Marie H. Starks and her late husband, Howard S. Starks, funded the Howard S. and Marie H. Starks Scholarship Fund in 1992. The fund provides support to rising juniors or seniors with a 2.5 GPA or higher in the Robinson College of Business. Recipients must have a strong drive and commitment to complete their education.

Contact the Dean's office for additional information

- **The C. V. Starr Scholarship Fund:** This fund, endowed by the Starr Foundation in honor of Cornelius Vander Starr, founder of the American International Group (AIG), provides scholarships of up to $4,000 to full-time students majoring in actuarial science or risk management and insurance. Priority is given to graduate students, although undergraduate students who have completed at least two years of course work and have outstanding potential may be considered. The scholarship may be held for two years. The amount of the scholarship may be adjusted on the recommendation of the Scholarship/Fellowship Committee. The scholarship is paid on a semester basis after review of the recipient's record. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by February 1.
- **Bennett Thrasher Accounting Scholarship:** An outstanding senior involved in Beta Alpha Psi receives a cash award from Bennet Thrasher.
- **Travelers Scholarship:** $2,500 is awarded to Juniors studying risk management and insurance (2) and actuarial science (1). Selection is based on merit. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by February 1.
- **Sam and Joyce Turner Scholarship**: $3,000-$5,000 is awarded to undergraduate or graduate students studying actuarial science. Selection is based on merit. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by February 1.
- **Turner Broadcasting Systems, Inc Scholarship:** An ascending undergraduate student enrolled in the School of Finance in good academic standing with an emphasis on those active in student groups and/or the community.
- **Edie and Tim Twomey Scholarship**: This scholarship is for undergraduate students enrolled in the Robinson College of Business School of Accountancy. Recipients must be in good academic standing at Georgia State University and have a minimum 3.0 GPA. Contact the Dean's office for additional information.
- **Dexter & Karen Warrior Scholarship:** This scholarship is awarded by Dexter and Karen Warrior to an undergraduate or graduate student who has outstanding performance in the field of real estate. Information is available from the Department of Real Estate.
- **Leland Whetten Award:** This award is presented to an outstanding student in accounting theory or a senior accounting major. This award is given in honor of Dr. Leland C. Whetten, former professor of accounting at Georgia State University.
- **Eli A Williams Benator & Libby Scholarships:** An outstanding undergraduate student and an outstanding graduate student receive cash awards from Williams Benator & Libby. The scholarships are intended for deserving accounting students with a minimum GPA of 3.5 who demonstrate a high academic standing and excellent leadership skills. Candidates should apply to the School of Accountancy by January 10.

- **Zubay Actuarial Science Award:** The Department of Risk Management and Insurance presents this award annually to the undergraduate actuarial science major with the highest overall grade point average from among those with at least 90, but not more than 150, semester hours. In addition, the recipient must have completed at least 20 semester hours of actuarial science course work with no grade lower than a grade of B.
- **Chris Yannapoulos Memorial Scholarship:** Established in 1975, this fund is in support of Robinson College students in good standing and are Georgia residents. Contact the Dean's office for additional information.

- **Zera-Allen Scholarship:** Georgia State alumna, Angela Z Allen, and her husband, Sam. established the Zera-Allen Scholarship to provide support for undergraduate students in good standing in the Robinson College of Business. To be eligible for this scholarship, students must be first generation college students with a minimum Georgia State GPA of 3.0 and have demonstrated strong student and/or community service experience.

1240.75 College of the Arts Scholarships

Ernest G. Welch School of Art & Design

- **Andrew M. West Memorial Art Scholarship:** Awarded to a student who shows exceptional talent in one or more areas of art and design. Recipients are selected by the entire Ernest G. Welch School of Art and Design faculty. This fund was established in memory of Andrew West, an exceptional student in the school of Art and Design who passed away in his final semester at Georgia State.
- **Dean E. Dryer Endowment:** Awarded to an exceptional undergraduate or graduate student within the school who has a grade-point average of 3.0 or higher and exhibits financial need. This fund also provides annual operating support for the purchase of library books in art and design.
- **Ernest G. Welch Undergraduate Photography Award:** This award is presented annually to an undergraduate photography student who has consistently demonstrated outstanding dedication to his or her artwork. The award recognizes the excellence of the student's work and the promise of continuing distinguished work in the discipline.
- **Jones Art Education Scholarship:** Recognizes a student in the Ernest G. Welch School of Art and Design who exhibits exceptional leadership and professional potential in the field of art education. Recipients are selected by the Ernest G. Welch School of Art and Design art education faculty.
- **Joseph Perrin Award:** Given to an art student whose artwork and professional potential are meritorious. Recipients are selected by the entire Ernest G. Welch School of Art and Design faculty. This award was created in honor of Mr. Perrin, Professor Emeritus and former Department Chairman, for his considerable contributions to the development of the visual arts program at Georgia State.
- **Marion Bowen Davis Memorial Scholarship:** Presented annually to one or more female students who are enrolled in the Ernest G. Welch School of Art and Design and who are majoring in painting or in a major where fabric/fibers or wearable objects are aligned with the fashion field. Recipients are selected by the Ernest G. Welch School of Art and Design textile and drawing and painting faculty.
- **Mark Phillips Scholarship in Art and Design:** Awarded annually to a talented undergraduate student majoring in a program in the Welch School of Art and Design.
- **Nancy Goyer Scholarship:** This scholarship was created in the memory of Nancy Goyer, a former student of drawing, painting, and printmaking in the School of Art and Design. The recipients of the scholarship are undergraduate women who study drawing, painting, and printmaking, and who exhibit great ability, promise, and passion for their work.
- **Susan Babush Memorial Scholarship:** Established in memory of Susan Babush, a graphic design student in the Ernest G. Welch School of Art and Design. The award is granted on the basis of artistic ability and financial need. Preference is given to students of graphic design. Recipients are selected by the Ernest G. Welch School of Art and Design graphic design faculty.

- **Vera Jernigan Green Memorial Art Award:** Given to an art student with a major concentration in painting, who is in good academic standing and has completed at least one semester of his or her junior year. The award recognizes the most promising student in this concentration and is based totally on merit. Recipients are selected by the Ernest G. Welch School of Art and Design drawing and painting faculty.

Film, Media and Theatre

- **Scott-Norcostco Theater Scholarship:** Established through the generous gifts of Norcostco Inc., the Scott-Norcostco Foundation, and the Scott family. Awarded annually to an outstanding student in technical theater.
- **TRISPRO Scholarship:** Awarded to an outstanding student in theater or music. This scholarship was established by the players, singers, musicians, spouses, and friends of TRISPRO Inc.

Music

- **Lucile Allen Memorial Scholarship:** Awarded annually to an undergraduate student majoring in theory or composition who embodies a high standard of excellence.
- **Bobbie Bailey Music Industry Scholarship:** Awarded to a student majoring in music industry who demonstrates academic achievement in a music industry concentration in the School of Music. Established in conjunction with the Atlanta Chapter of the National Academy of Recording Arts and Sciences.
- **Alfredo Barili Scholarship:** Awarded to students majoring in music who demonstrate exceptional talent on a string instrument. This scholarship was established in 1996 by Dr. Cherry Emerson to honor Atlanta music pioneer Alfredo Barili.
- **Haskell and Mabel Boyter Choral Scholarship:** Awarded annually to an outstanding junior or senior who shows outstanding achievement and leadership in choral music.
- **Thomas M. Brumby Scholarship:** Given annually to an outstanding junior or senior student majoring in music with a concentration in piano or organ. This award was created to honor the memory of Thomas M. Brumby, the prime builder of the School of Music at Georgia State.
- **John Demos Memorial Scholarship:** Awarded to a music student enrolled as a junior or senior, or to an incoming transfer student at the sophomore level or higher, who shows exceptional talent on a woodwind instrument and serves the School of Music by performing in two or more instrumental ensembles. A 3.0 grade-point average is required.
- **William G. Densmore Vocal Scholarship:** Awarded annually to provide scholarships to operatic voice students enrolled in the School of Music who demonstrate exceptional vocal talent and a desire for an operatic career.
- **Robert Farrington Clayton, Jr., Memorial Scholarship:** This scholarship provides financial assistance to exceptional full-time music students who excel academically, exhibit financial need, and possess strong personal moral character. The scholarship was created to honor the memory of a former student, Robert Farrington Clayton, Jr.
- **Bradford and Patricia Ferrer Scholarship in Music:** Awarded to exceptional undergraduate students who are enrolled in the School of Music.
- **Donald S. Gingrich Scholarship in Music Education:** Awarded to a senior or graduate student majoring in Music Education who demonstrates high academic achievement with a grade point average of 3.0 or better and a commitment to music education. The award was established in 2006 by Donald S. Gingrich, a retired music education professor in the Georgia State University School

of Music.

- **Charles and Rosemary Hall Choral Music Scholarship:** This scholarship provides support for meritorious choral students in the School of Music at the junior, senior, or graduate level. Students must be in good standing with a 3.0 or higher grade-point average and demonstrate exceptional vocal talent. Mr. and Mrs. Hall established the scholarship as an expression of the Hall family's dedication to choral music and in continued support of the School of Music.
- **Peter Harrower Scholarship in Voice:** Awarded annually to a student majoring in music who has demonstrated exceptional voice talent and outstanding academic achievement. This scholarship fund was established in 1988 through gifts from the Harrower family and friends.
- **Haywood Family Scholarship:** This scholarship provides support for undergraduates in the School of Music. Students considered for the award must be an undergraduate music major in good standing. Mr. Gene T. Haywood established this scholarship endowment as an expression of his passion for music and his desire to help others.
- **Duane L. and Drada P. Hoover Endowed Choral Scholarship:** A scholarship awarded to the School of Musicís most talented and deserving choral students. This fund was created by Duane L. and Drada P. Hoover to support these outstanding students, as well as to support performances and touring activities for the chorus.
- **Florence Kopleff Vocal Scholarship:** Awarded to a student majoring in music who has demonstrated exceptional talent as a vocalist. This scholarship was established in 1998 by Miss Kopleff and friends.
- **Bill Lowery Endowed Scholarship:** This scholarship is awarded annually to an outstanding student in the music industry program of the School of Music. Among the criteria for selection are academic excellence and service to the recording industry. The fund for the scholarship was established by friends of Bill Lowery. Mr. Lowery is one of the music industry's most outstanding music publishers and a founder of Georgia Stateís commercial music program.
- **Montgomery Music Scholarship:** Provides scholarships for students of the School of Music. This fund was established in 1985 by Mr. and Mrs. Arthur Montgomery.
- **Gerschefski/ Reader Violoncello Scholarship:** Awarded annually to a student majoring in music who demonstrates exceptional talent on the cello. This scholarship was originally established in 1999 by Martha Gerschefski and friends, in honor of her parents, Ina and Edwin Gerschefski. The award was recently re-named to also honor the memory of a former student, David Reader, who had graduated with a Master of Music in cello performance.
- **John Schneider Memorial Scholarship:** Awarded annually to a student majoring in music who has demonstrated exceptional keyboard talent and outstanding academic achievement. This scholarship fund was established in 1988 through gifts from Georgia State music faculty and friends.
- **Helen Riley Smith Voice Scholarship:** Awarded annually to a student majoring in music who has demonstrated exceptional vocal talent and outstanding academic achievement. The scholarship fund was established by the Smith family and friends.
- **Aileen and Chris Valianos Music Scholarship Fund:** This scholarship provides support to undergraduates enrolled in the School of Music. Students considered for the award must be in good standing, have a demonstrated commitment to excellence, and display potential to be a meritorious student or emerging school in their musical field of study.
- **Sam Wallace Memorial Scholarship:** Awarded annually to students in the music industry program of the School of Music. The criteria for selection are financial need and outstanding scholastic achievement. Music industry friends of the late Sam Wallace, an outstanding music industry executive and citizen of Atlanta, established this scholarship.

- **Steve Winick Memorial Scholarship:** Given to an outstanding junior or senior student who demonstrates exceptional talent on a brass instrument and performs in two or more instrumental ensembles within the School of Music.
- **Charles T. Wurm Scholarship:** A scholarship awarded to a student majoring in music who has outstanding musical ability and whose talents meet the current needs of the School of Music. Established in 1985, this scholarship is endowed by a gift to the Georgia State University Foundation from Mr. and Mrs. Thomas G. Cousins in memory of his grandfather, Charles Thomas Wurm, who was a conductor and music educator.

1300 University Academic Regulations

This chapter describes academic regulations that apply to students admitted to bachelor-level study. See subsections within this chapter for specific policies and procedures.

1302 General Information

1302.10 University Academic Policies

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

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

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

1302.20 Student Computer Access Requirement

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

1302.25 Georgia State University Email

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

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

1302.30 Academic Calendar

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

1310 Academic Advisement and Development

Georgia State University is committed to providing individual advice and assistance to students at every step of their degree program. The University offers services and programs to support the academic development of every student by helping them transition to college, succeed while enrolled and graduate in a timely manner.

All new freshmen (by admission category) are required to come to campus and complete New Student Orientation. Freshmen who do not attend orientation must enroll in a GSU 1010 class during their first semester of attendance at Georgia State. Transfer students are encouraged to attend a transfer orientation program designed to address the questions and circumstances of students who are new to Georgia State University but have attended college elsewhere before. All students who attend an in-person orientation will receive academic advisement during the orientation. All transfer, transient, transition, and postbaccalaureate students are required to complete the appropriate online orientation prior to registering for classes. Students who complete an online orientation program who have earned less than 90 credit hours should make an appointment with an advisor in the University Advisement Center to review their academic record. Postbaccalaureate students and those who have earned more than 90 credit hours should contact the Office of Academic Assistance in their college for advisement.

1310.10 New Student Orientation

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

Students will receive a tour of Georgia State's unique urban campus in downtown Atlanta, learn about important campus resources such as campus safety, review financial aid and more. Additional benefits of attending New Student Orientation are the connections made with fellow classmates as well as seasoned

student leaders who will be assisting students throughout the orientation experience. At the end of the orientation day, students will receive academic advisement and register for classes.

New Student Orientation offers several options which can meet students specific needs at a time that's convenient to their schedule. One-day and two-day orientation programs are offered for new freshman students and one-day and half-day orientation programs for new transfer students. There is also a special parent and guest orientation program which runs concurrently with all student programs.

For additional information, visit orientation online at orientation.gsu.edu or in person, Student Center East, Suite 304.

1310.20 Placement Testing

Math

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

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

New Student (first semester at Georgia State)

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

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

Students who have enrolled at Georgia State during previous semesters will find test information at the Testing Center website (counselingcenter.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 Georgia State after a semester or more absence)

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

Chemistry

A diagnostic chemistry test is required in order to register for Chemistry 1211, which is the prerequisite for BIOL 2107 and CHEM 1212. The test is administered by the Chemistry Department on campus at selected times through the University Testing Center. Students with AP Chemistry scores of 2 or better, SAT subject scores of 600 or better, or those who have completed college level chemistry courses may be

exempt from taking the test. See chemistry.gsu.edu/chem-1211k-online-placement-exam/ for additional information.

Foreign Languages

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

1310.30 University Advisement Center

Every student at Georgia State University is assigned to an advisor who will provide them with the information necessary to complete the requirement necessary to complete their degree. All Perimeter College students will receive advisement through the University Advisement Center located at each Perimeter College location. At the Atlanta campus, any student who has earned less than 90 hours and has freshmen, sophomore or junior status, will be advised by the University Advisement Center. Any student who has earned 90 hours or more should seek advisement through the Office of Academic Assistance in the college of their major.

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

- Utilize predictive analytics to help students understand their academic risk and remain on path to degree
- 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

Perimeter College students may schedule advisement appointments by calling one of the following:

- **Clarkston Campus/Online**
  555 North Indian Creek Drive Clarkston, GA 30021-2361
  Phone: 678-891-3200
- **Decatur Campus**
  3251 Panthersville Road Decatur, GA 30034-3832
  Phone: 678-891-2300
- **Dunwoody Campus**
  2101 Womack Road Dunwoody, GA 30338-4435
  Phone: 770-274-5000
- **Newton Campus**
  239 Cedar Lane Covington, Georgia 30014
  Phone: 770-278-1200
- **Alpharetta Campus**
  3705 Brookside Parkway Alpharetta, GA 30022-4408
  Phone: 770-274-5200

All Atlanta campus students may contact the University Advisement Center at 404-413-2300 for advisement or to be directed to the Office of Academic Assistance for their college if they have 90 hours of more.

- **Arts and Sciences**
  Langdale Hall, 4th Floor
  Phone: 404-413-5000
- **College of the Arts**
  55 Park Place, Suite 910
  Phone: 404-413-5855
- **Andrew Young School of Policy Studies**
  14 Marietta Street, Suite G52
  Phone: 404-413-0021
- **Byrdine F. Lewis College of Nursing and Health Professions**
  Urban Life Building, Rm. 811
  Phone: 404-413-1000
- **College of Education and Human Development**
  College of Education Building, Rm. 300
  Phone: 404-413-8000
- **J. Mack Robinson College of Business**
  55 Park Place, Suite 1200

Phone: 404-413-7115
- **School of Public Health**
  1 Park Place, Suite 640
  Phone: 404-413-1452

Walk-in advisement for 10 minute consultations and brief questions is also provided at each campus location daily.

1310.40 Office of Student Success

At Georgia State University, the institutional commitment is to be a "national model of undergraduate education demonstrating that students from all backgrounds can achieve academic and career success at high rates." The Office of Student Success is comprised of the University Advisement Center and the Office of Undergraduate Studies. These offices exist to help students meet their academic goals and are focused on ways to increase the retention, progression and graduation of undergraduates at Georgia State University. Using data and analytics to better understand what puts students at academic risk, the Office of Student Success designs and administers programs that help students complete college in a timely manner. Their purpose is to lower barriers to educational opportunities, increase academic support and outreach, assist students in the transition from high school to college, and once students are in college, to help them successfully progress through their program of study.

The following are programs and services offered by the Office of Student Success:

Educational Opportunity Programs: the Scholarship Resource Center, Panther Retention Grant Program, Early College programs offered through Perimeter College, Dual Enrollment and TRIO funded programs including Upward Bound, Veterans' Upward Bound, Educational Talent Search, and the Educational Opportunity Center

Academic Support and Outreach Programs: the University Advisement Center, Supplemental Instruction, Early Alert, Learning and Tutoring Centers at Perimeter College, Keep Hope Alive, Student Success Workshops, Academic Coaching and TRIO funded Student Support Services and Student Support Services (STEM) Programs

Transition and Progression Programs: Freshmen Learning Communities, GSU 1010 Freshmen Orientation Course, PCO 1020 Perimeter College Orientation course, GSU 1050 Survival Skills in College, Success Academy, the Panther Excellence Programs, Transition and Transfer Advisement, Latino Services and Outreach Office, Peer Mentors, 1st-year book program, Atlanta-Based Learning and other initiatives.

University level Perspectives courses are administered through the Office of Undergraduate Studies in the Office of Student Success. These courses include:

PERS 2001 – Perspectives on Comparative Culture (2)

This category is composed of a group of interdisciplinary courses that provide a better understanding of the contemporary world through the study of different cultures. Sections will feature comparative culture study across societies or multi-cultural study within societies. Although courses may take a historical

perspective, the goal is to foster a fuller understanding of the contemporary world.

PERS 2002 – Scientific Perspectives on Global Problems (2)

This category is composed of a group of interdisciplinary courses that deal with scientific approaches to important issues on the environment, public health, or technology.

PERS 2003 – Perspectives on Human Expression (2)

This category is a group of interdisciplinary courses that focus on the human condition, how people have expressed themselves through the arts and humanities, and how such representations have had broad historical and/or contemporary impact.

1310.50 Learning Support Program

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

Entering LSP

Students are placed into the Learning Support Program (LSP) if they meet any of the following conditions:

- Below a 3.2 Required High School Curriculum GPA
- An "old" SAT Verbal score below 430, a "new" SAT Reading score below 24, or an ACT Verbal score below 17.
- An "old" SAT Mathematics below 400, a "new" SAT Math score below 22, or an ACT Mathematics below 17.
- Below required scores on the ACCUPLACER placement tests if SAT or ACT scores are not provided.
- Failure to meet the College Preparatory Curriculum requirements in English or mathematics.
- The current minimum ACCUPLACER scores for direct placement into collegiate level courses are:
    - Reading 61
    - English eWrite 4
    - Math 67 (MATH 1101 / 1001)
    - Placement will be required for MATH 1111 – College Algebra with a score of 84
- Upon completion of MATH 1101 / 1001 with a grade of C or better students are eligible to enroll in MATH 1111 with the MATH 0999 co-requisite course for majors requiring college algebra.

LSP placement and courses

It is required 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 and their schedule is approved. Here are the LSP co-requisite courses offered:

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.

- English – ENGL 0999 (Support for ENGL Composition) taken with ENGL 1101
- Non-STEM Majors – MATH 0997 (Support for Quantitative Reasoning) taken with Math 1001
- Non-STEM Majors- MATH 0998 (Support for Math Modeling) taken with MATH 1101
- STEM Majors – MATH 0999 (Support for College Algebra) taken with MATH 1111

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 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.

Exiting LSP

There is no limit on attempts for co-requisite remediation.

Students exit an LSP area when they successfully complete the collegiate course in their area(s) of remediation regardless of their grades in the co-requisite course. Exit for collegiate MATH includes a grade of D or better (C or better may be required for higher level mathematics prerequisites), and exit of collegiate ENGL is with a grade of C or better.

Students wishing to drop or withdraw from either the co-requisite or linked collegiate level course will be required to withdraw from BOTH courses. Any student experiencing difficulty and/or considering dropping or withdrawing from a 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 an emergency withdrawal if an emergency situation exists.

Students requiring Learning Support in both English and Mathematics may defer enrollment in co-requisite Learning Support and the accompanying collegiate courses for one or the other area, but must be continuously enrolled in one or both until the college-level courses have been passed. All area A requirements must be completed within the first 30 hours of enrollment.

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

1310.55 Required High School Curriculum (RHSC)

The Board of Regents of the University System of Georgia requires all students to have completed sufficient English, math, science, social science and language courses in high school as preparation for college-level coursework. Students admitted to Georgia State with a deficiency in one or more of these areas must make up the deficiency by taking Georgia State core classes (science, social science, or language) or passing the ACCUPLACER proficiency test (English or math). The University Advisement Center will advise students about which courses they can choose from to complete a RHSC requirement. Credits earned in courses taken to meet RHSC requirements do count toward graduation requirements. A grade of C or higher is required, and grades earned in these courses are counted in the student's GPA. Students

must complete all RHSC-required courses before they earn 30 hours and in their first three semesters of enrollment. Otherwise they may not register for any courses except RHSC courses until all requirements are complete.

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

1310.70 University Career Services

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

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

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

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

The **Cooperative Education and Internships** program helps students prepare for in-depth co-op and internship learning experiences, which build skills and strengthen students' competitiveness for future opportunities. The program also works with colleges and employers in supporting their co-op and internship initiatives. The Co-op Program is the formal hub for the Georgia State University Cooperative Education initiative.

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

Drop-In Hours is a walk-in resume and c.v. review service, available Tuesday through Friday, 11 a.m. to 3 p.m. No appointment is needed and students are seen on a first-come first-serve basis. During drop-in hours, students may work on their resumes and cover letters, ask questions regarding major selection, job search and related career questions.

All Georgia State University students have an account on **Handshake** (gsu.joinhandshake.com), a web-based career management system utilized by students, employers and the career services staff. Handshake is free to all enrolled students. Activation of the account (completing a profile and uploading a resume 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 on career counseling, career assessment, career exploration, graduate and professional school planning, internship and career opportunities, and job search support, visit the central office of University Career Services in 270 Student Center West or call 404-413-1820 or visit the website at career.gsu.edu.

1310.80 International Student and Scholar Services

252 Sparks Hall
isss.gsu.edu

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

International Student Orientation – Prior to the beginning of each semester, an orientation program is offered to provide assistance to new students on non-immigrant visa 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 ISSS office, and online at isss.gsu.edu.

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

1316 Changes in Personal Data

As correct **personal** data is vital to the student's record, students are urged to have their records updated when these changes occur. PAWS (Panther Access to Web Services) at paws.gsu.edu allows students to update some of their student records (address, phone number, etc.) using a terminal or personal computer. Students who wish to change their names, marital status or social security number and other changes not permitted online must complete forms and provide the legal documents in person at one of the Enrollment Services Centers. Locations for each campus center are listed on the registrar's page at registrar.gsu.edu.

1320 Course Credit

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

1320.10 Transfer Credit Policy

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

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

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

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

Joint Services Transcript (JST) credits earned while serving in the Armed Services may also be evaluated

for transfer credit on a case by case basis by the student's academic advisor in conjunction with the academic department offering the course.

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

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

- 2000 Andrew Young School of Policy Studies
- 3020 College of Arts and Sciences
- 4050 College of Education
- 5020.10 Byrdine F. Lewis School of Nursing and Health Professions
- 7020.10 Robinson College of Business
- 10200 College of the Arts

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

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

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

Transfer Credit for Core Courses

1. Students will be granted credit for all of Areas A-E of the core 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.
    c. an associate's degree designed to transfer to a baccalaureate program from a University System of Georgia (USG) institution
2. However, there are two exceptions to the policy stated in 1 above.
    a. Students seeking a baccalaureate degree in biology, chemistry, computer science, geology, mathematics, physics, science education, or math education who do not hold a baccalaureate degree in one of these fields will only be granted credit for all of Areas B, C, and E. They will be granted credit in Areas A and D on a course-by-course basis.

b. Students seeking a baccalaureate degree in nursing, nutrition or respiratory therapy will only be granted credit for all of Areas A, B, C, and E. They will be granted credit in Area D on a course-by-course basis.

3. Students who hold any other associate's degree, such as an associate's degree from a non-USG institution or an associate's degree not designed to transfer to a baccalaureate program, will be granted transfer credit for core courses on a course-by-course basis.

1320.20 Credit Transfer for Transient Students

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

These regulations do not apply to credit earned through the ARCHE Cross Registration Program (section 1330.40).
It is vital that students considering transient status review the rules regarding transfer credit (Section 1320.10), the rules regarding academic residency (Section 1440), the rules regarding credit for grades of D (Section 1450), and individual college policies on the number of course attempts. The rules in these sections specify limits on the credits taken as a transient that will transfer to Georgia State as well as limits on the credits that will count towards the Georgia State degree requirements. Students are encouraged to check with their advisor and the transfer equivalency charts for more information about transfer credit prior to enrolling in the course. See http://advisement.gsu.edu/transfer-students/equivalency-charts/.

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 is encouraged to certify the eligibility of the transient course for transfer credit with the University Advisement Center or the College Office of Academic Assistance. This should be done the semester before the student takes the transient class. Failure to certify that a transient course is eligible for transfer in a student's degree program may result in a student taking a transient class that is not eligible for transfer credit or that does not count toward the fulfillment of degree requirements at Georgia State University.

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. Once the official transcript is received, credit will be considered pending for the student's degree program until finalized by an academic advisor. Questions about transfer credit for courses taken as a transient should be addressed to the student's advisor in the University Advisement Center or the college Office of Academic Assistance.

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, counselingcenter.gsu.edu/testing/. For information on AP and IB programs contact your high school guidance counselor.

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

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

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

1320.50 College Board Advanced Placement (AP) Examination

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

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

- Art History: (3, 4, 5) = AH 1700
- Studio Art: Drawing: (3, 4, 5) = ART 1010
- Studio Art: 2-D Design: (3, 4, 5) = ART 1020
- Studio Art: 3-D Design: (3, 4, 5) = ART 1030
- Biology: (3) = BIOL 1103K (4,5) = BIOL 1103K, 1104K These courses make up the non-majors biology series and are not recommended for Biology majors.
- Chemistry: (3) = CHEM1211K; (4) = CHEM 1211K and exempt CHEM 1212K if passed above median grade on ACS exit exam; (5) = CHEM 1211K, 1212K
- Chinese Language and Culture: (3) = CHIN 2001; (4,5) = CHIN 2001, 2002

- Computer Science A or Computer Science AB: (3, 4, 5) = CSC 1301
- Macroeconomics: (3, 4, 5) = ECON 2105
- Microeconomics: (3, 4, 5) = ECON 2106
- English Language and Composition/ English Literature and Composition: (3, 4) = ENGL1101; (5) = ENGL 1101, 1102
- Environmental Science: (4, 5) = BIOL 1104K
- French Language and Culture: (3) = FREN 2001; (4) = FREN 2001, 2002; (5) = FREN 2001, 2002 and 3000-level course to be determined after consultation with department
- French Literature: (3) = FREN 2001; (4) = FREN 2001, 2002; (5) = FREN 2001, 2002 and 3033
- Human Geography: (3, 4, 5) = GEOG 1101
- Italian Language and Culture: (3) = consultation with department required for placement (4) = ITAL 2001; (5) = ITAL 2001, 2002
- German Language: (3) = GRMN 2001; (4) = GRMN 2001, 2002; (5) = GRMN 2001, 2002 and 3000-level course to be determined after consultation with department
- Japanese Language and Culture: (3) = JAPN 2001; (4,5) = JAPN 2001, 2002
- United States History: (3, 4, 5) = HIST 2110
- European History: (3, 4, 5) = HIST 1112
- World History: (3, 4, 5) = HIST 1112
- Latin: Vergil: (3, 4) = LATN 2001, 2002; (5) = LATN 2001, 2002 and 3000-level course to be determined after consultation with department
- Latin: Catullus/Horace: (4, 5) = 3000-level course(s) to be determined after consultation with department
- Latin Literature: (3, 4) = LATN 2001, 2002; (5) = LATN 2001, 2002 and 3000-level course to be determined after consultation with department
- Statistics: (3, 4, 5) = MATH 1070
- Calculus AB: (3) = MATH 1113; (4, 5) = MATH 1113, MATH 2211
- Calculus BC: (3) = MATH 2211; (4, 5) = MATH 2211, 2212
- Music Listening and Literature: (3, 4, 5) = MUA 1930
- Music Theory: (3, 4, 5) = MUS1099
- Physics I: (3 or higher) = PHYS 1111K
- Physics II: (3 or higher) = PHYS 1112K
- Physics B: (3) = PHYS 1111K; (4, 5) = PHYS 1111K, 1112K
- Physics C, Mechanics: (3, 4, 5) = PHYS 2211K
- Physics C, Electricity and Magnetism: (3, 4, 5) = PHYS 2212K
- Government and Politics: (3, 4, 5) = POLS 1101
- Psychology: (3, 4, 5) = PSYC 1101
- Spanish Language and Culture: (3) = SPAN 2001; (4) = SPAN 2001, 2002; (5) = SPAN 2001, 2002 and a 3000-level course to be determined after consultation with department
- Spanish Literature: (3) = SPAN 2001; (4) = SPAN 2001, 2002; (5) = SPAN 2001, 2002 and a 3000-level course to be determined after consultation with department

1320.60 College-Level Examination Program (CLEP)

Georgia State University awards credit for some College-Level Examination Program (CLEP) subject exams, Tests should not be scheduled during the last semester before graduation because the limited time remaining may not be sufficient to allow for course validation and the awarding of credit. For credit to be

granted, the examination score must be at least 50 or higher regardless of the ACE recommendation. Credit will be as follows:

Exam = Georgia State Course Credit

- American Government = Pols 1101
- American Literature (w/essay) = Engl 2130
- Analyzing and Interpreting Literature (w/essay) = Engl 2140
- General Biology = Biol 1103K
- Calculus = Math 2211
- General Chemistry = Chem 1099 (elective credit only)
- College Algebra = Math 1111
- College Composition with Essay = Engl 1101
- College Mathematics = Math 1001
- English Literature (w/ essay) = Engl 2120
- College French-levels 1 & 2 = Fren 2001, 2002 (see below for additional information)
- College German-levels 1 & 2 = Grmn 2001, 2002 (see below for additional information)
- History of the United States I and History of the United States II 1865-present = Hist 2110
- Introductory Psychology = Psyc 1101
- Introductory Sociology = Soci 1101
- Precalculus = Math 1113
- Principles of Macroeconomics = Econ 2105
- Principles of Microeconomics = Econ 2106
- College Spanish-levels 1 & 2 = Span 2001, 2002 (see below for additional information)
- 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 counselingcenter.gsu.edu/testing/.

1320.70 International Baccalaureate (IB) Examinations

The amount of credit that may be granted for IB courses is limited to 24. Credit for standard level exams

will only be granted to students who hold the IB diploma. Students who have only IB certificates will not be granted credit for standard level exams. Within these limits, departments have the authority to determine how much course credit will be awarded for International Baccalaureate examinations.

The following is the list of credit for IB exams:

SL = Standard Level
HL = Higher Level

Anthropology:

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

Art:

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

Arabic:

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

Biology:

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

Chemistry:

- SL 5 = CHEM 1211K
- SL 6-7 = CHEM 1211K, 1212K
- HL 4 = CHEM 1211K
- HL 5 = CHEM 1211K, 1212K

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

Chinese:

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

Computer Science:

- SL 5 = CSC 1301
- SL 6-7 = CSC 1301, 1302
- HL 4 = CSC 1301
- HL 5 = CSC 1301, 1302
- HL 6-7 = CSC 1301, 1302, 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 = FREN 2001
- 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 = GEOG 1101, 1113
- HL 4 = GEOG 1101

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

German:

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

U.S. History:

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

European History:

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

Mathematics:

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

Music:

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

Philosophy:

- SL 5 = PHIL 2010
- SL 6-7 = PHIL 2010, 2050

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

Physics:

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

Psychology:

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

Spanish:

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

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

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

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

1320.90 Credit for Massive Open Online Courses (MOOCs)

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

to the rules for credit by examination. (See Section 1320.40.)

1322 Transcript Requests

A student who has no unmet financial obligations to Georgia State University is entitled to receive, upon request, a copy of his or her transcript. Official transcripts of academic work completed at Georgia State University may be ordered via 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. Active 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 website at registrar.gsu.edu/academic-records/transcripts.

1324 Enrollment and Degree Information

Enrollment Verification

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

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 registrar.gsu.edu/graduation/degree-conferral-and-diploma-information.

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

Additional information on enrollment and degree verification can be found on the Office of the Registrar website at registrar.gsu.edu.

1330 Registering for Classes

1330.05 Office of the Registrar

Enrollment Services Centers

Located on each campus. See the Registrar's website for specific locations.
registrar.gsu.edu/assistance

1330.10 Registration Procedures

Students may not attend a course unless they have registered and paid for that course. Each semester students should go online for detailed information concerning the enrollment and registration process. Registration information can be found on registrar.gsu.edu and by accessing PAWS (Panther Access to Web Services) at paws.gsu.edu.

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

Where Registration Takes Place

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

Preparing and Registering for Classes – Enrollment Process

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

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

Step 2: Register for Classes

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

Step 4: View and Pay Charges on Panther Pay

Step 5: Print your Course Schedule

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

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

1330.12 Registration Notifications When Returning to Georgia State

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

1330.15 Registration Time-Ticket Assignments

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

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

A student's time-ticket assignment is valid beginning at the student's assigned time and continues through the last day of registration. Time-tickets are assigned with priority to students scheduled to graduate during the upcoming term, students in the Honors College, and approved student groups with documented limitations on their ability to register. Other continuing students are assigned tickets according to the total

credit hours earned. Once a student is allowed access, the student can adjust his or her schedule on a first-come, first-served basis during the remaining registration period. Many classes fill up quickly. It is to the student's advantage to attempt to register as soon as he or she is allowed access to the registration system.

1330.18 Late Registration

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

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

Students may not appeal to faculty to have a course dropped. If an administrative academic error has occurred, students should contact the academic department offering the course for a resolution.

1330.20 Immunizations

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

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

The immunizations required are Measles, Mumps & Rubella (MMR), Tetanus/Diphtheria/Pertussis (Tdap), Varicella (chicken pox), and Hepatitis B. In addition, the Meningitis Law requires students residing in university housing to have the Meningococcal vaccine. For more information, see the Georgia State Clinic website updates at health.gsu.edu.

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

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

- Students born *in* the United States on or before 12/31/1956 are required to show proof of Tdap only.
- Students born *in* the United States on or before 12/31/1980 are exempt from showing proof of the Varicella vaccine. They are required to submit proof of immunity for MMR, Tdap.
- Students born 12/31/1980 or later must submit proof of MMR, Varicella and Tdap.
- Students born *outside* the United States 01/01/1957 or later must provide proof of MMR, Tdap, and Varicella.

The Immunization Office must receive these records two weeks before the last day of late registration. It will take up to five 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 affidavit form to the Immunization Office indicating their religious exemption request. This form is located on the immunizations website. Students with medical reasons for exemption must submit a doctor's letter indicating if this is a permanent or temporary exemption, and, if temporary, the date of expiration. When the temporary exemption expires, the student must complete all immunization requirements. In the event of an epidemic or a threatened epidemic of any disease preventable by immunization, and when an emergency has been declared by appropriate health authorities, additional steps will be undertaken to protect the health of the University community. In the event of a declared public health emergency, persons who do not have proof of immunization on file will not be allowed to participate in classes or other activities on campus.

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

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

Meningitis: Georgia law requires that students residing in campus housing be provided information on meningococcal disease and vaccination. After reviewing information about the risks for the disease and the benefits of prevention by the meningitis vaccine, students 18 years and older are required to sign a form kept on file in the Housing Office. Students less than 18 years of age must show their parent or guardian's signature on the form. This "Meningococcal Disease Notification" form documents that the information was reviewed and the option of the vaccine was provided, and/or date the vaccination was elicited. Compliance with the state law is a requirement for residing in campus housing and is part of the housing contract. Forms and further information are available from the Housing Office at 404-413-1800 or by email at housing@gsu.edu.

1330.25 Audit Status

Enrolled students who wish to audit a course must get approval from the course instructor. Registration for an audit should be submitted to a campus Enrollment Services Center (locations can be found on the Office of the Registrar web site at registrar.gsu.edu). Students should not pre-register for courses they wish to audit. Any tuition and fees for auditing a class are assessed just as they are for courses taken for credit. Any

requirements for prerequisites must be satisfied before registering to audit a course. No academic credit is earned in this status. Audit status is not covered by financial aid, and audit hours do not apply toward full-time enrollment. Students may not transfer from audit to credit status or vice-versa after the last day to register for courses.

1330.30 Course Load

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

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

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

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

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

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

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

1330.33 Registration Restrictions

Registration in some courses in some majors is restricted. Refer to the college sections of this catalog for more information.

1330.35 Taking a Course More Than Once

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

1330.38 Cross-Level Registration Policy

Atlanta Campus to Perimeter

Atlanta Campus (baccalaureate degree-seeking) students must receive advance written authorization to be allowed to register for Perimeter College courses. Students may take up to four Perimeter College courses, during summer semester only, provided they:

- satisfy all prerequisites for the courses
- have completed 12 credit hours at the Atlanta Campus
- have a minimum institutional GPA of 2.0

Under extraordinary circumstances, students may seek advance written authorization to take Perimeter College courses during the fall or spring semesters. Any such approved courses will count towards the four-course limit.

Please check with the University Advisement Center or the Office of Academic Assistance in the college for additional details.

Perimeter to Atlanta Campus

Perimeter College (associate degree-seeking) students must receive advance written authorization to be allowed to register for Atlanta Campus courses. Students may take up to four Atlanta Campus courses, provided they:

- satisfy all prerequisites for the courses
- have completed 30 credit hours (12 of which must have been completed at Perimeter College)
- have a minimum institutional GPA of 2.5

Please check with the University Advisement Center for additional details.

1330.40 ARCHE Cross Registration Program

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 registrar.gsu.edu/registration/cross-registration/.

Application Deadlines

Fall Semester: July 15
Spring Semester: November 15
Summer Semester: April 15

Eligibility Criteria

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

Course Restrictions

Students may not cross register for a course if

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

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

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

Procedures

Students who wish to cross register must complete and submit an ARCHE Cross Registration Application to the Office of the Registrar, room 224, Sparks Hall. ARCHE Cross Registration Applications are available online: registrar.gsu.edu/registration/cross-registration/.

Students who wish to take academic courses at an ARCHE institution must obtain written approval in advance from the University Advisement Center or the Office of Academic Assistance in the student's college. Course outlines (syllabi) and catalog information may be required so content can be evaluated before approval is granted by the Office of Academic Assistance.

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

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

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

Upon completion of the course, the host institution's Cross Registration Coordinator will send a final transcript to Georgia State University. Students who receive a grade of Incomplete at a host institution should recognize that the time limit for removal of a grade of Incomplete must not exceed Georgia State University's deadline for removal of a grade of incomplete (see section 1350.30 Changes in Grade). It is the student's responsibility to request an official transcript from the host institution once the grade of Incomplete has been satisfied and a final grade has been assigned.

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

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

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

1330.55 Off-Campus Courses

Many courses are offered to Georgia State University students at non-campus 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 courses offered at non-campus locations can be found by accessing the online registration system in PAWS at paws.gsu.edu.

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

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

All schedule adjustments must be completed by the official deadline as published in the online Semester Calendars at paws.gsu.edu. Printable calendars can also be found at registrar.gsu.edu.

1332.10 Adding / Dropping / Withdrawing Classes (Student Initiated)

Students are responsible for formally adding, dropping or withdrawing from courses using the online registration system, PAWS at paws.gsu.edu. Students may not attend a course unless they have registered for that course, nor should students simply stop attending a course unless they have formally dropped or withdrawn from that course. Students should be aware of the financial obligations and academic impact of adding, dropping or withdrawing from courses. Students should contact the Student Financial Management Center and their academic advisor for more information.

Course Add: Students who are eligible to register for classes may add courses to their official registration schedule by accessing the online registration system in PAWS. See section 1330.10 for Registration Procedures.

Course Drop: Students who wish to remove a course from their academic record must drop their course in PAWS prior to 5:00 p.m. on the last day of the late registration period (see the Academic Calendar for official dates). Dropped courses do not appear on the student's official academic record (which includes their academic transcript) and do not incur tuition and fee charges. Note: Dropping courses and lowering your credit hours for the term may have consequences academically or financially including Federal Student Aid, VA Educational Benefits, etc. See section 1330.30 for additional information on course load requirements. (For information on course drops due to failure to pay tuition and fees, see section 1210.20).

Course Withdrawal: After the end of the late registration period and up to the semester midpoint (see the Academic Calendar for official dates), students who wish to no longer attend or participate in a course may withdraw from that course using the online registration system in PAWS. Withdrawn courses appear on a student's official academic record (which includes their academic transcript) and incur charges. Undergraduate degree-seeking students are limited in the number of courses they may withdraw from without academic penalties. 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.

After the semester midpoint, students may no longer initiate a withdrawal from a course on PAWS. Courses that are not officially withdrawn prior to the midpoint will be awarded grades based on academic performance.

Note: Withdrawing courses for the term may have consequences academically or financially including Federal Student Aid, VA Educational Benefits, etc. See section 1330.30 for additional information on course load requirements.

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 bachelor-level careers at Georgia State.
2. The limit on withdrawals does not apply if a student withdraws from all classes during a term before the midpoint. However, students are only allowed to withdraw from all classes prior to the midpoint twice without having their withdrawals count against the limit. Students who withdraw from all classes a third or subsequent time will automatically receive a grade of WF in their classes if they have reached their limit of Ws.
3. It is possible that a student will withdraw from more than one class in a particular semester and not have enough Ws left to use a W in all those classes. In that case, classes will be awarded a W based on the date and time the student initiated the withdrawal from that class. For example, if a student had taken five Ws in their career at Georgia State and then withdrew from three of the four classes in which the student is enrolled, the student's sixth W allowed would be assigned to the class from which the student withdrew first. The student would receive a WF in the other two classes. In these cases, students may make an appeal to the University Advisement Center or the student's Office of Academic Advisement to shift the W from one class to another. Such requests must be made no later than the end of the subsequent semester in which the student withdrew from the classes. (Whether a student is enrolled in the semester after the semester in which the student withdrew from the classes does not change this time limit.) Students may not shift Ws between semesters.
4. The following types of withdrawals do not count against the limit on withdrawals with a grade of W.
    - Emergency withdrawals (see Section 1332.40).
    - Grades of WF (withdrawal failing which equals an F for GPA calculation purposes).
    - Grade of WM (withdrawal military).
    - Grade notation of "-" before the grade of W indicating non-attendance documented by the professor.
    - Withdrawals for nonpayment.
    - Withdrawals from courses numbered below 1000.
    - Withdrawals taken in semesters before Fall Semester 2006.
    - Withdrawals taken at other institutions.
    - Withdrawals for nonpayment.
    - Withdrawals from courses numbered below 1000.
5. If a course has a separate co-requisite lab or support course with a different course number, withdrawing from both courses simultaneously shall count as a single W with respect to the limit on voluntary Ws. This provision only applies to course that must be taken concurrently.
6. This policy applies to all degree-seeking undergraduate bachelor level students. It does not apply to non-degree students (such as post-baccalaureate and transient students).
7. Students who are withdrawn by faculty or the Office of the Registrar are subject to this policy. See section 1332.30 for more information.

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

See sections 1332.20 through 1332.50 for additional information on course withdrawals.

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

In general, if a student voluntarily withdraws from an non-campus based course, then the normal withdrawal policy applies (see section 1332.10). If the 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 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 Course Withdrawal (Faculty Initiated)

Students are responsible for consulting the course syllabus for specific instructor policies regarding such matters as penalties for missing the first class, an exam, an assignment or a project. These may include, among the other things, being withdrawn from a course. 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. Courses involuntarily withdrawn by a faculty member count towards the student's limit on withdrawn courses. 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 faculty member will notify a student who is involuntarily withdrawn, and within ten days of this notification, the student may petition to the department chair for reinstatement in the course.

Students involuntarily withdrawn from all classes may be entitled to a partial refund of their fees (see Section 1210).

1332.40 Emergency Withdrawal

Students may request an emergency withdrawal when a non-academic emergency situation occurs that

prevents them from completing their course work (e.g., severe medical problems, traumatic events) and when the timing or nature of the emergency prevents them from voluntarily withdrawing from their classes. (See Section 1332.10.) Emergency withdrawals are subject to the following restrictions:

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

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

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

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

1332.45 Military Withdrawal

Withdrawal for Military Service: Refunds and Grades

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

1. Military reservists (including members of the National Guard) who, after having enrolled in courses and paid tuition and fees, receive orders without prior notice to active duty, reassigned for temporary duty, or mandatory training and the orders prevent completion of the term;
2. Commissioned officers of the United States Public Health Service Commissioned Corps (PHSCC) who receive deployment orders in response to a public health crisis or national emergency after having enrolled in courses and paid tuition and fees and the orders prevent completion of the term;
3. Active duty military personnel who, after having enrolled in courses and paid tuition and fees, receive reassignment, a temporary duty assignment, or a training assignment without prior notice and the orders prevent completion of the term; or,
4. Otherwise unusually and detrimentally affected by the activation of members of the reserve components or the deployment of active duty personnel of the Armed Forces of the United States who demonstrate a need for exceptional equitable relief.

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

Students must officially withdraw and submit official orders to the Office of the Registrar, Sparks Hall

224, prior to leaving for the assignment. 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.

Appeals Committee

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

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

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

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

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

1332.50 Non-Academic Withdrawal

See the Student Code of Conduct: http://codeofconduct.gsu.edu/

1334 Class Attendance

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

All matters related to student absences, including making up work missed, are to be arranged between the student and the instructor before the semester begins or on the first week of classes. All instructors will, at

the beginning of each semester, make a clear statement in the course syllabus for each of their classes, describing their policies for handling absences. Students are obligated to adhere to the requirements of each course and of each instructor. Instructors are encouraged to provide avenues for students to make up examinations and other work missed due to an excused absence.

Excused absences are recognized in the following cases:

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

Class Attendance by Veterans

The Department of Veterans Affairs requires that institutions of higher learning immediately report to them when a student discontinues attendance for any reason. Instructors must report to the Registrar's Office the absence of a veteran student as soon as it is known that the veteran student will not be returning to class. Generally, this should be reported after one week of absences and no later than two weeks of nonattendance by a veteran student.

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

1336 Final Examinations

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

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

one day, and 2:30 p.m. and 6:00 p.m. on the following day).

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

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

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

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

1340 Classification of Students and Courses

1340.10 Class Standing

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

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

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

1340.20 Change of Catalog Edition

Students must normally satisfy the degree requirements of the catalog in effect at the time they enter Georgia State University. However, in some circumstances, revisions may be required to provide more effective programs. The term "degree requirements" refers to the courses and grades required to earn the

degree. Changes in academic regulations affect all students, regardless of the catalog edition; examples include the scholastic discipline policy, procedures for removing incomplete grades, and appeals procedures.

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

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

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

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

1340.30 Declaration of Major

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

1340.35 Change of Degree Major and College

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

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

1340.40 Double Major

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

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

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

Whether in one degree or two, a student may not graduate with more than two majors. (For example, a student may not earn a B.S. with a double major in Economics and Psychology and also a B.A. in English. This would constitute three majors and would not be permissible.)

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

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

1340.45 Dual Degrees

Dual degrees are earned when a student satisfies all requirements for two different baccalaureate degrees (for example, B.A. and B.S.) within one or more colleges of Georgia State University. The minimum residence requirement of 39 semester hours at Georgia State University in courses numbered 3000 or above must be met for the first degree. If the second degree is completed concurrently with the first degree, or within five calendar years of the first degree, this requirement shall be deemed to have been satisfied for both degrees. After five years from the date of the award of the first degree, credit that has been used to satisfy the university's academic residence requirement for this degree cannot be applied toward the university's minimum academic residence requirement for the second degree. Regardless of when the

second degree is completed, both degrees require that at least one-half of the courses comprising the major must be taken at Georgia State. If a department offers more than one degree, it may prohibit a student from earning more than one degree in that department. This restriction will appear in the Program Degree Requirements section of the description of the major.

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

1340.50 Dual Undergraduate/Graduate Degree Programs

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

1340.60 Classification of Courses

Courses are numbered as follows:

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

1350 The Grading System

1350.10 Grades

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

A: Excellent
B: Good
C: Satisfactory
(Minimum grade required for certain courses, as specified elsewhere in this catalog.)
D: Passing
A grade of D, while earning credit hours, will not apply toward the degree in courses requiring a

grade of C or higher. Georgia State University will allow no more than 12 semester hours of D grades to apply toward degree requirements. Certain programs limit this further. See Section 1450 for more details.

F: Failure

This grade indicates failure. No credit toward graduation is given for a course in which a grade of F was received.

WF: Withdrawal while Failing

This grade indicates failure. No credit toward graduation is given for a course in which a grade of WF was received. A WF and F are treated the same for GPA calculation purposes.

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

W: Withdrawal

This symbol indicates that a student was permitted to withdraw from the course without penalty. (See "WF: Withdrawal While Failing" above, and Section 1332)

WM: Military Withdrawal

This symbol indicates that active duty military personnel and military reservists (including members of the National Guard) received emergency orders to active duty or reassignment during the term without penalty. (see Military Withdrawal, Section 1332.45).

I: Incomplete

The notation of I may be given to a student who, for nonacademic reasons beyond his or her control, is unable to meet the full requirements of a course. In order to qualify for an "I", a student must:

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

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

IP: In Progress

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

permanent grade and does not meet the minimum exit criteria for any course in the program.

S: Satisfactory

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

U: Unsatisfactory

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

V: Audit

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

K: Credit-by-examination

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

NR: Not Reported

This symbol indicates that a student's grade was not reported to the Registrar's Office by the grade submission deadline. The deadline for reporting grades for the term is published in the online Semester Calendar. 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.

GH: Grade Hold

This symbol indicates a grade will be assigned pending the outcome of a reinstatement appeal.

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, bachelor-level students who have retaken courses and earned a higher grade may request to have the first grade excluded from their bachelor-level 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 of 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 a course 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. Academic Colleges may prohibit students from repeating certain courses.

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

- **Before requesting to apply the repeat-to-replace policy, a student must have retaken the same undergraduate course (or the renumbered substitute for that course) in the same department at Georgia State and earned a higher grade in the course retaken.**
- No more than a total of four course grades (from four different courses) may be replaced and excluded from the student's GPA.
- A student may request repeat-to-replace for a course repeated during the intended semester of graduation. Requests must be submitted **before** the end of the second week of classes. Such requests will only be honored if the student needs a higher grade in the course to graduate.
- 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 institutional GPA may be replaced. For example, *W*s, *S*s, and *U*s 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 associate-level or bachelor-level degree at Georgia State.
- Students may not use this policy to replace grades awarded prior to semester conversion (for example, quarter courses).

1350.30 Changes in Grade

A course grade that has been reported by the instructor to the Office of the Registrar and recorded on the

student's academic record cannot be changed except in the following circumstances:

- **Error in grade**. If a student believes that there is an error in a grade, the student should discuss the situation with the instructor. A request for a change of grade assigned by an instructor who has left the University should be addressed to the chair of the department.
- **Removal of an Incomplete**. A student receiving a grade of I (incomplete) is expected to consult with the instructor within the prescribed time limit and to complete all necessary work. The period of time given to a student to remove a grade of I is established by the instructor, subject only to the maximum time limit set by the University. The University requires that a grade of I be removed no later than the end of the second academic term after the grade of I was assigned (whether or not the student was enrolled during these two terms). The Office of the Registrar will assign a grade of F at the end of the second academic term unless the Office of the Registrar receives an approved grade change request from the instructor. (If the student enrolled for S/U grading, a U will be assigned.). Using the grade change request process, instructors may or may not change this F/U to an authorized academic grade (i.e., A, B, C, D, S or WF) but may not change it back to an I. Instructors may not change an I to a W unless an Emergency Withdrawal is awarded. In exceptional cases, departments may authorize students to have an I grade for more than two semesters. Such authorizations must be approved by the department chair. The authorization to extend the I beyond two semesters must be renewed each semester. Registering in a subsequent semester for a course in which a grade of incomplete has been received will not remove the grade of incomplete. (See Section 1350.30, paragraph 2.) No student may graduate with an "I" on his or her record for that degree program. If the requirements to remove a grade of incomplete are not met prior to the deadline, the grade of I will convert to a grade of F.

1350.40 Posthumous Grades

When a student passes away before completing all assignments in a course, that student will be awarded a grade of W in the course. However, if the student has completed more than half the work required for the course and earned a grade of A or B in that work, the instructor may award the student an A or a B.

See section 1490.40 concerning requests for a posthumous degree.

1352 Academic Recognitions

President's List: Degree-seeking students with a minimum Georgia State University cumulative grade point average (GPA) of 2.00 who complete at least nine semester hours of academic credit in fall or spring term (or six semester hours in summer term) with no Incompletes for the semester and who earn a 4.00 GPA will be placed on the President's List for the semester.

Dean's List: Degree-seeking students with a minimum Georgia State cumulative grade point average (GPA) of 2.00 who complete at least nine semester hours of academic credit in fall or spring term (or six semester hours in summer term) with no Incompletes for the semester and who earn a GPA of at least 3.50 shall be placed on the appropriate Dean's List for the semester.

President's and Dean's Lists are posted on the university website three to four weeks in the subsequent

semester.

1352.20 Signature Experiences

A signature experience course makes learning comes alive and encourages students to be active in their own education. Specifically, in a signature experience course, students:

1. Apply what they are learning in the classroom to the experience
2. Engage in an experience over a sustained period of time
3. Learn through experiences that are not typically encountered in the standard classroom and
4. Produce a final product that is evaluated by a faculty member.

The central learning outcome of a signature experience is the ability to apply knowledge/skills outside of a standard classroom context. Several areas of knowledge or skills are commonly addressed in Signature Experience courses, including 1) written and verbal communication; 2) critical thinking; 3) problem-solving; 4) application of knowledge to career plans, as well as to local, national, and global awareness; and 5) professional preparedness. Final products include (but are not limited to) research papers, conference presentations, presentation of works of art, case studies, and reflection papers. Signature experiences are offered as part of courses that earn course credit. Courses that have multiple sections can be either stand-alone signature experiences, where all students in every section participate in the signature experience component, or the course may have only specific sections with a signature experience dimension." Every major offers at least one signature experience. Common types of signature experiences offered by departments include Study Abroad, Practicums, Internships, Field Studies, and Research opportunities as well as the preparation of an Honor's Thesis.

There are six categories of signature experiences:

- Students have an Arts Signature Experience when they participate in the production or presentation of creative works.
- Students have a City Signature Experience when they participate in activities that are related to the unique challenges of urban environments.
- Students have a Global Signature Experience when they participate in activities that offer them the opportunity to learn and engage as global citizens.
- Students have a Professional Signature Experience when they participate in work-related experiences.
- Students have a Research Signature Experience when they work on a research project.
- Students have a Service Signature Experience when they integrate service and learning activities to address a community need.

Units may place appropriate prerequisites on admission to their signature experience courses. Departments may choose to create programs centered around one or more Signature Experience course. In these cases, they may limit the number of students who may enter a signature experience and set up appropriate admissions processes to determine who is accepted into a their program.

1352.30 Global Scholars

At graduation, students who who earn a B or better in five 3000-4000 courses with a global perspectives designation will be recognized as Global Scholars.

To be eligible to be a Global Scholar, students must have an overall GPA of 3.0 when they become juniors. (Students who are juniors when they first enroll at Georgia State must have a transfer GPA of 3.0.) In addition, Global Scholar must have an overall GPA of 3.0 at graduation.

At least two of these five courses must be outside the discipline of the student's major. However, in cases, where a major gives credit for 3000-4000 courses outside its discipline, those courses count as being outside the discipline of the student's major. For example, the pre-education concentration of the major in African-American Studies (AAS) allows students to meet some of the requirements of the AAS major with courses other than those with the AAS prefix. Courses with HIST, POLS, GEOG, ECON, and EDUC prefixes count towards the AAS major. For the purposes the Global Scholars program, the courses with HIST, POLS, GEOG, ECON, and EDUC prefixes are outside the discipline of the student's major.

Global competence is defined as "the skills, knowledge, and awareness that enhance the ability to function in a global environment." Each of these aspects of global competence can be further subdivided as follows:

Skills

- Foreign language skills: the ability to communicate in a language other than English
- Communication skills: the ability to communicate with diverse audiences and with people from different backgrounds and learning styles
- Analytical skills: the ability to analyze and synthesize comparative and cross-cultural information with sound judgment

Knowledge

- Comparative grasp of political systems, histories, religions, cultures, literatures, economies, etc.
- Recognition of global interconnectedness and conflict
- Ability to think critically about the U.S. and see it in a global context

Awareness

- Openness to different thoughts, ideas, and perspectives; curiosity; adaptability; flexibility in ambiguous or unfamiliar situations as well as in international or intercultural environments
- Willingness to stay abreast of international current events and seek out new intercultural opportunities at home or abroad
- Appreciation of and respect for difference and diversity and a highly developed sense of empathy, awareness, and concern

1352.40 City Scholars

At graduation, students who earn a B or better in five 3000-4000 courses with a cities perspectives designation will be recognized as City Scholars.

To be eligible to be a City Scholar, students must have an overall GPA of 3.0 when they become juniors. (Students who are juniors when they first enroll at Georgia State must have a transfer GPA of 3.0.) In addition, City Scholars must have an overall GPA of 3.0 at graduation.

At least two of these five courses must be outside the discipline of the student's major. However, in cases, where a major gives credit for 3000-4000 courses outside its discipline, those courses count as being outside the discipline of the student's major. For example, the pre-law concentration of the major in philosophy (PHIL) allows students to meet some of the requirements of the PHIL major with courses other than those with the PHIL prefix. For example some courses with HIST or POLS prefixes count towards the PHIL major. For the purposes the City Scholars program, the courses with HIST and POLS prefixes are outside the discipline of the student's major.

Courses are designed to help students develop competence in urban issues and thus help them to become leaders in understanding the complex challenges of cities and in developing effective solutions to those challenges.

City courses at Georgia State are ones that meet one or more of the following criteria:

1. Have as a substantial focus the historical, geographical, social, cultural, economic, environmental, political, policy & planning, and/or design dimensions of city life.
2. Provide students with hands-on experience in addressing or investigating problems or opportunities inherent in city life.

Competence in urban issues is defined as "the skills, knowledge, and awareness that enhance the ability to understand and address the problems and possibilities of cities."

Skills

- Analytical skills: the ability to analyze and synthesize comparative and diverse information about cities with sound judgment
- Communication skills: the ability to communicate with diverse audiences and with people from different backgrounds and learning styles
- Organizational skills: the ability to recognize diverse contributing partners and find ways to integrate other disciplines toward a constructive end

Knowledge

- Recognition of the complex interconnectedness of cities in urban systems
- Ability to think critically about the complex challenges posed by the city as a creative force in society

Awareness

- Interest in new and different thoughts, ideas, and perspectives; curiosity; adaptability; flexibility in ambiguous or unique situations
- Appreciation of and respect for differences and diversity, coupled with a developed sense of openness, empathy, and concern
- Advocacy for effective solutions that contribute to livable communities and sustainable cities

1360 Academic Support

1360.10 Scholastic Discipline

There are four levels of scholastic discipline for all students regardless of status or program: warning, supervision, probation, and exclusion. A student who is eligible to enroll in courses is in good standing.

Students are placed on:

- **Warning** when their cumulative Georgia State University GPA is below 2.0 and they were not on supervision or probation the previous semester in attendance. However, students on warning who attempt 6 or more semester hours in the subsequent semester and earn a Georgia State term GPA of 2.3 or better will remain on warning.
- **Supervision** when their cumulative Georgia State GPA is below 2.0 and they were on warning 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.
- **Probation** when their cumulative Georgia State GPA is below 2.0 and they were on supervision 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.
- **Exclusion** when their cumulative Georgia State GPA is below 2.0 and they were on probation the previous semester in attendance.

Students on warning, supervision or probation may be allowed to enroll with specific restrictions (see Section 1360.20). Students on exclusion are not eligible to enroll in any baccalaureate undergraduate program at Georgia State. **No transfer credit will be accepted for courses taken at other institutions while on exclusion.**

Students on warning, supervision, or probation should refer to Section 1360.20 and consult with an advisor in the University Advisement Center for additional information about scholastic discipline.

1360.20 Academic Improvement Program (AIP)

The Academic Improvement Program (AIP) is intended to assist students in extricating themselves from scholastic discipline and to meet the graduation requirement of an institutional Georgia State University GPA of 2.0 or higher. The elements of AIP are registration approvals by an advisor, course load limits, and survival skills instruction. For further information about AIP, please contact the University Advisement Center at advisement.gsu.edu.

Students on **warning or supervision** are required to participate in AIP as follows: (a) have their registration approved by an academic advisor; (b) register for no more than 13 semester hours; (c) and take any other steps required by the academic advisor (for example, seeing their major advisor, participating in an assessment by the Counseling Center, etc.). Students on warning or supervision must continue to participate in AIP until their institutional 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 institutional 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 institutional GPA and the term GPA.

Students on **exclusion** are not eligible to enroll in any baccalaureate undergraduate program at Georgia State and may not participate in AIP.

Appeals for exemption from some or all of the requirements of AIP should be submitted to the director of the University Advisement Center. Appeals of decisions by the director of the University Advisement Center may be filed in accordance with the procedure for petition of university regulations. Information about AIP and appeals of AIP requirements is available from the University Advisement Center.

1360.30 Academic Renewal

Under certain conditions, Georgia State University allows its former undergraduate students to apply for academic renewal. This provision is intended to allow Georgia State degree-seeking students who have experienced academic difficulty to make a fresh start and to give them a final opportunity to earn a bachelor's degree. It can apply to individuals on scholastic exclusion. These are the provisions of academic renewal:

Eligibility for Academic Renewal

- A minimum of five calendar years must have passed since last enrollment at Georgia State University.
- Former Department of Academic Foundations (formerly Division of Learning Support Programs and Developmental Studies) students may apply for academic renewal only if they completed all learning support programs requirements prior to the five-year absence.
- A student can be granted academic renewal only one time.
- A student who was excluded from Georgia State and has attended another college or university during the absence from Georgia State is not eligible for academic renewal.
- A student who was not excluded from Georgia State but attended another college or university during an absence of five or more years may choose one of these options, but not both:
    1. Return to Georgia State, having attended another accredited institution, subject to all relevant transfer and re-entry policies. The student will not be eligible for academic renewal but transfer credit will be granted for applicable courses taken during the absence and previously earned Georgia State credit is retained.
    2. Apply for academic renewal. If academic renewal is approved, no transfer credit will be granted for coursework completed during the absence.

Effects of Academic Renewal

- A cumulative GPA that reflects all attempts at all courses taken at Georgia State continues to be recorded on the student's official transcript. A new renewal institutional GPA is begun when the student has been approved for academic renewal and is also recorded on the student's official transcript. The renewal institutional GPA will be used for determining academic standing and eligibility for graduation.
- Academic credit for previously completed course work including transfer course work will be retained only for courses in which an A, B, or C grade has been earned.
- The grades for Georgia State academic credit that are retained are not calculated in the renewal institutional GPA. The courses are applied toward degree requirements are applicable. This credit, therefore, is placed in the same category as transfer credit, credit by examination, and courses with grades of S (not part of the calculated institutional GPA).
- Courses for which academic credit is not retained (those with grades of D or lower) must be repeated at Georgia State if they are required in the student's degree program. All remaining degree requirements must be completed at Georgia State. No transient or transfer credit will be accepted.
- Whether the retained academic credit is still applicable for degree credit will depend on the degree requirements currently in effect at the time the student returns to Georgia State and on specific program regulations.
- All courses taken at Georgia State remain on the student's official Georgia State transcript. At the time academic renewal is approved, this approval is noted on the student's transcript. Any Georgia State course work for which credit can be retained is listed below the academic renewal notation.
- Reentry into a program that has specific admission requirements is not automatic. Academic renewal students who wish admission to such a program must apply directly to the program.
- **Students must meet the academic residence requirement (see section 1440) using only course credit earned after academic renewal.**
- To be eligible for honors at graduation, students must earn at least 60 hours of credit after academic renewal.

Applying for Academic Renewal

To apply for academic renewal, the student must obtain approval both from the Office of Undergraduate Admissions and from the University Advisement Center.

1. File an application for reentry to the university with the Office of Undergraduate Admissions, 200 Sparks Hall, http://admissions.gsu.edu/how-do-i-apply/other-enrollment-types/re-entry-students/.
2. File an application for academic renewal with the Universtity Advisement Center. The deadlines for applying for academic renewal in order to enroll for a semester are:

To return in	**Deadline**
Fall	July 1
Spring	December 1
Summer	May 1

Application for Academic Renewal before the prescribed deadlines will aid in the timely return of a decision. Those students whose return to Georgia State University is dependent on approval for academic renewal should be especially diligent in their timely submission of their application.

If a student does not apply for academic renewal at the time of enrollment, it can be requested after reenrollment if the application is filed within one calendar year.

- A student whose application for academic renewal is not approved will be notified by letter from the University Advisement Center. Unless specific information to the contrary is given in the letter, the student may reapply for academic renewal after one year has passed.
- Evaluation of a student's application for academic renewal will be based on the student's:
    1. Previous academic record;
    2. Previous student discipline record; and
    3. Current commitment to academic work.

1380 Academic Honesty

1. Introduction

As members of the academic community, students are expected to recognize and uphold standards of intellectual and academic integrity. The University assumes as a basic and minimum standard of conduct in academic matters that students be honest and that they submit for credit only the products of their own efforts. Both the ideals of scholarship and the need for fairness require that all dishonest work be rejected as a basis for academic credit. They also require that students refrain from any and all forms of dishonorable or unethical conduct related to their academic work.

The University's policy on academic honesty is published in the Faculty Handbook (http://www2.gsu.edu/~wwwfhb/fhb.html) and the Student Handbook, On Campus, which is available to all members of the University community (http://studenthandbook.gsu.edu/). Academic honesty is a core value of the University and all members of the University community are responsible for abiding by the tenets of the policy. Georgia State students, faculty, and staff, are expected to report all instances of academic dishonesty to the appropriate authorities. The procedures for such reporting are outlined below and on file in the offices of the deans of each college, the Office of the Dean of Students, and the Office of the Provost.

Lack of knowledge of this policy is not an acceptable defense to any charge of academic dishonesty. In an effort to foster an environment of academic integrity and to prevent academic dishonesty, students are expected to discuss with faculty the expectations regarding course assignments and standards of conduct. Students are encouraged to discuss freely with faculty, academic advisors, and other members of the University community any questions pertaining to the provisions of this policy. In addition, students are encouraged to avail themselves of programs in establishing personal standards and ethics offered by the university.

No instructor or department may impose academic or disciplinary penalties for academic dishonesty outside the parameters of this policy. This policy applies to all incidents of academic dishonesty, including those that occur before a student graduates but are not discovered until after the degree is conferred. In such cases, it is possible that the application of this policy will lead to a failure to meet degree completion requirements and therefore a revocation of a student's degree.

Many colleges and/or departments provide statements of what constitutes academic dishonesty within the

context of their discipline, and recommend penalties for specific types of academic dishonesty. As noted in the Faculty Handbook, all syllabi are required to make reference to the Academic Honesty Policy; syllabi should also include a link to departmental standards where they exist.

2. Definitions and Examples

The examples and definitions given below are intended to clarify the standards by which academic honesty and academically honorable conduct are to be judged. The list is merely illustrative of the kinds of infractions that may occur, and it is not intended to be exhaustive. Moreover, the definitions and examples suggest conditions under which unacceptable behavior of the indicated types normally occurs; however, there may be unusual cases that fall outside these conditions which also will be judged unacceptable by the academic community.

Plagiarism. Plagiarism is presenting another person's work as one's own. Plagiarism includes any paraphrasing or summarizing of the works of another person without acknowledgment, including the submitting of another student's work as one's own. Plagiarism frequently involves a failure to acknowledge in the text, notes, or footnotes the quotation of the paragraphs, sentences, or even a few phrases written or spoken by someone else. The submission of research or completed papers or projects by someone else is plagiarism, as is the unacknowledged use of research sources gathered by someone else when that use is specifically forbidden by the faculty member. Failure to indicate the extent and nature of one's reliance on other sources is also a form of plagiarism. Failure to indicate the extent and nature of one's reliance on other sources is also a form of plagiarism. Any work, in whole or part, taken from the internet without properly referencing the corresponding URL (along with the author's name and title of the work, if available) may be considered plagiarism. Finally, there may be forms of plagiarism that are unique to an individual discipline or course, examples of which should be provided in advance by the faculty member. The student is responsible for understanding the legitimate use of sources, the appropriate ways of acknowledging academic, scholarly or creative indebtedness, and the consequences of violating this responsibility.

Cheating on Examinations. Cheating on examinations involves giving or receiving unauthorized help before, during, or after an examination. Examples of unauthorized help include the use of notes, texts, or "crib sheets" during an examination (unless specifically approved by the faculty member), or sharing information with another student during an examination (unless specifically approved by the faculty member). Other examples include intentionally allowing another student to view one's own examination and collaboration before or after an examination if such collaboration is specifically forbidden by the faculty member.

Unauthorized Collaboration. Unauthorized collaboration means working with someone or getting assistance from someone (a classmate, friend, etc.) without specific permission from the instructor on any assignment (e.g., exam, paper, homework) that is turned in for a grade. It is also a violation of academic honesty to knowingly provide such assistance to another student. Collaborative work specifically authorized by a faculty member is allowed.

Falsification. It is a violation of academic honesty to misrepresent material or fabricate information in an academic exercise, assignment or proceeding (e.g., false or misleading citation of sources, the falsification of the results of experiments or of computer data, false or misleading information in an academic context in order to gain an unfair advantage).

Multiple Submissions. It is a violation of academic honesty to submit substantial portions of the same work for credit more than once without the explicit consent of the faculty member(s) to whom the material is submitted for additional credit. In cases in which there is a natural development of research or knowledge in a sequence of courses, use of prior work may be desirable, even required; however, the student is responsible for indicating in writing, as a part of such use, that the current work submitted for credit is cumulative in nature.

3. Information and Burden of Proof

In determining whether or not academic dishonesty has occurred, the standard which should be used is that guilt must be proven by a preponderance of the information. This means that if the information which indicates that academic dishonesty occurred produces a stronger impression and is more convincing as to its truth when weighed against opposing information, then academic dishonesty has been proved. In other words, the information does not have to be enough to free the mind from a reasonable doubt but must be sufficient to incline a reasonable and impartial mind to one side of the issue rather than to the other. Information as used in this statement can be any observation, admission, statement, or document which would either directly or circumstantially indicate that academic dishonesty has occurred.

4. Procedures for Resolving Matters of Academic Honesty

The following procedure is the only approved means for resolving matters of academic dishonesty, except for matters arising in the College of Law, which has its own Honor Code for handling such matters. It is available to all members of the academic community who wish to pursue an action against a student for academic dishonesty. A brief summary of the procedures is presented here; details of these procedures are found in the following sections.

1. The faculty member should discuss the incident with the student before filing a charge of academic dishonesty. The faculty member, in consultation with the department chair, prepares the Notice of Academic Dishonesty The chair forwards the notice to the college dean, who sends the notification to the student by university email or by certified mail.
2. The student must appeal in writing to the College Dean within 10 business days of the date the email was sent or the certified mail was received if the student wishes to deny the finding of academic dishonesty.
3. If the student does not appeal within 10 business days, the College Dean forwards the notice of academic dishonesty to the Dean of Students.
4. If the student appeals the charges, a College Hearing Committee conducts a hearing and reports its findings to the College Dean regarding guilt or innocence. If the student is found not guilty, the faculty member is notified to assign an appropriate grade. If the student is found guilty, the dean forwards the notice of academic dishonesty to the dean of students.
5. Any recommendation for a disciplinary penalty and a challenge of that disciplinary penalty submitted by the student, if any, is reviewed by the University Senate Committee on Student Discipline. Based on the committee's recommendation, the provost makes a decision and takes action regarding any disciplinary sanction.
6. The dean of students maintains the disciplinary records on all findings of academic dishonesty and is responsible for forwarding notice of multiple findings to the Senate Committee on Student Discipline for review. Multiple findings may result in a disciplinary penalty even if one was not recommended by the faculty member.

5. Initiation of Action

If a member of the academic community believes that a student has engaged in academic dishonesty in a course, on a test, or as a part of an academic program, that individual is responsible for initiating action against the student or bringing the matter to the attention of an individual who may initiate action against the student (i.e., complete and submit a notification of academic honesty). In allegations of academic dishonesty involving course requirements, the course faculty member is required to initiate the action. If the alleged violation involves a departmental program requirement (e.g., comprehensive examination or language competency examination) or an institutionally-required test (e.g., test of Georgia/United States history or Georgia/United States constitutions), or if the individual who discovers the incident is not a faculty member, the individual should bring the matter to the attention of the faculty member and administrator who has responsibility of overseeing the activity (e.g., departmental chair, director of the Testing Office). If that administrator decides to bring charges of academic dishonesty against the student, then that administrator becomes the initiator. (Test proctors, laboratory assistants, and other individuals who are not course faculty members should bring any instances of alleged academic dishonesty to the attention of the course faculty member or their administrative superior. That individual, after weighing the information, may become the initiator by formally charging the student with academic dishonesty.)

The channel of review, recommendation, and decision-making follows the administrative lines associated with the course or program requirement involved. In any instance, however, when the alleged incident does not occur within the context of a course, and when it is unclear which college should have jurisdiction in review and decision-making, any unit may initiate the case.

For the sake of brevity the following processing procedures are written from an academic unit/college perspective. Nonacademic units (i.e., Testing Center) would substitute appropriate supervisory personnel at the respective levels. Herein the initiator will be referred to as faculty member and the administrative unit head will be referred to as chair, designating the departmental chair. Dean will refer to appropriate administrative supervisory personnel at the overall college or division level.

When an allegation of academic dishonesty is made, the relevant dean will inform the Office of the Registrar to place a grade of GP (grade pending) for the student in the course involved. Withdrawal from a course does not preclude the imposition of penalties for academic dishonesty. While the matter of academic dishonesty is pending, the student will be allowed to continue in the course and register for upcoming semesters.

A. Penalties to be Imposed

Penalties to be imposed in incidents of academic dishonesty are classified as academic or disciplinary. Academic penalties include assignment of a failing grade for a particular course requirement, or for the course itself, or for other tests or program assignments. They are set by the faculty member, in consultation with the department chair.

Disciplinary penalties can be sought in addition to those considered academic and could include, but are not limited to, the following: suspension, expulsion, transcript annotations (temporary for a period of five years or permanent, as designated). Course credit earned at other institutions while on suspension may not be transferred to Georgia State. Disciplinary penalties can be requested by the faculty member, in consultation with the chair; they must be reviewed by the University Senate Committee on Student Discipline and they are set by the provost.

B. Action at Administrative Unit (Department and College Level)
As soon as possible after the alleged incident, the faculty member should discuss the matter with the student. This discussion should be conducted in a manner which protects the rights and confidentiality of students. If the faculty member believes that academic dishonesty has occurred, the faculty member, in consultation with the department chair, will determine the appropriate academic penalty. The faculty member and the chair will complete a notice of academic dishonesty form describing the incident and indicating the academic penalty imposed and any recommended disciplinary penalty. The chair will forward the notice of academic dishonesty, which includes a statement of the right to appeal, to the dean of the college, who delivers it a either through the student's official university email address or by certified mail.

C. Student Action
The student will have 10 business days after receipt of the notice of charges of academic dishonesty (i.e., the date that the email was sent or that the certified mail was received) to submit a written appeal denying the charges and providing any rationale for the appeal. The appeal should be addressed to the college dean of the initiator. In the event the student is found guilty of academic dishonesty, the student does not have the right to appeal the academic penalty assessed by the faculty member, unless the student can prove that such penalty was arbitrarily imposed or applied in a discriminatory manner.

If the student wishes to challenge a disciplinary penalty, the student must submit a written rationale for challenging the disciplinary penalty within 10 business days of receipt of the notice of charges of academic dishonesty. The statement of challenge should be addressed to the college dean. The college dean will forward the challenge to the dean of students for inclusion in the review of the disciplinary penalty by the University Senate Committee on Student Discipline. All disciplinary penalties are automatically reviewed by the University Senate Committee on Student Discipline, regardless of student appeal.

If the student has also filed an appeal denying the charges of academic dishonesty, any review of disciplinary penalty recommended will be delayed pending review of the charges of academic dishonesty by the college hearing committee.

D. College Action
1. No Appeal by the Student. If the student does not submit a written appeal to the college dean or challenge the disciplinary penalty within 10 business days, the college dean will notify the chair/faculty member to post any pending grade(s) immediately. The college dean will then forward the notice of academic dishonesty to the dean of students for inclusion in the student's disciplinary file. Any recommendation of a disciplinary penalty will also be forwarded to the dean of students for appropriate review by the Senate Committee on Student Discipline.

2. Appeal by the Student.

a. If the student submits a written appeal of the charges of academic honesty, the college dean will forward the charges to the chair of a college hearing committee and will notify the faculty member to set forth in writing a comprehensive response describing the incident of academic dishonesty. This statement will be presented to the committee and to the student at least five (5) business days prior to the hearing.
b. If the student wishes to challenge the disciplinary penalty without appealing the charges of academic honesty, a college hearing committee will not be convened; instead, the college dean will forward the

challenge to the dean of students for inclusion in the review of the disciplinary penalty by the University Senate Committee on Student Discipline.

3. Student Hearing Committee Process. Guidelines that Govern the Hearing of the Appeal by the College Student Hearing Committee

a. Within ten (10) business days after the committee receives the charges of academic dishonesty, a hearing date will be determined. The committee will notify the faculty member and the student of the time, date, and the place of the hearing. Copies of all charges of academic dishonesty and related materials for the hearing will be provided to the student at least five (5) business days in advance of the hearing.
b. The faculty member and the student will be allowed to make oral presentations, call witnesses, and present any documentary information regarding the incident in question. The hearing will be recorded on audio tape. The hearing will not be open to observers.
c. At the conclusion of the hearing, the committee will meet in closed session and will make its recommendation as to the guilt or innocence of the student based on a preponderance of information with respect to the charge of academic dishonesty. The committee chair will forward to the college dean its findings and recommendations in a written report within five (5) business days of the hearing.

4. College Decision on Appeals. Within five (5) business days of receiving the committee's written report, the college dean will make the final decision regarding guilt or innocence. The college dean will notify all appropriate parties of the decision.

If the college dean finds the student not guilty, the matter will be terminated and no notice of charges will be filed with the dean of students. The college dean will notify the chair to post the pending course grade promptly and will notify the registrar to remove the GP (grade pending) on the student's transcript.
If the college dean finds the student guilty, the notice of charges of academic dishonesty will be forwarded to the dean of students for inclusion in the student's disciplinary file. The academic penalty stipulated by the faculty member will be imposed. The college dean will notify the chair to insure that any pending grade is posted promptly. The college dean will notify the registrar to remove the GP (grade pending) on the student's transcript if only an academic penalty was involved.

If a disciplinary penalty has been recommended, the college dean will notify the registrar to continue the GP (grade pending) annotation until the disciplinary penalty can be reviewed by the University Senate Committee on Student Discipline.

5. Appeal of the Decision of the Dean. If the student or initiator wishes to appeal the decision of the college dean regarding guilt or innocence of the charges of academic dishonesty, the student or initiator may appeal to the provost. The subsequent appeal route would be to the president and then the Board of Regents. The student or initiator must submit a written statement of appeal to the provost within 10 business days of notification of the dean's decision. The basis of the appeal must be on the grounds that the decision was arbitrary, capricious, or discriminatory.

E. UNIVERSITY SENATE COMMITTEE ON STUDENT DISCIPLINE ACTION

In cases where a disciplinary penalty has been recommended, the Senate Committee on Student Discipline will conduct a hearing to review the disciplinary penalty. The committee will review the faculty member's

notice of academic dishonesty and the student's statement of challenge of the disciplinary penalty, if any. The faculty member and the student will be allowed to appear at the hearing to discuss the imposition of disciplinary penalties. Only the recommendation concerning the disciplinary penalty to be imposed will be considered by this committee. Issues of guilt or innocence are determined at the college level (see II.4 C and D above).

The Senate Committee will conduct the hearing in accordance with its regular hearing procedures. Copies of these procedures may be obtained from the Provost's Office.

The Senate Committee on Student Discipline will provide its recommendation within five (5) business days of its hearing to the provost regarding appropriateness of the disciplinary penalty recommended by the college and/or whether other disciplinary penalties are to be imposed in addition to or in lieu of those already recommended by the college.

F. PROVOST ACTION

1. **Decision of the Provost**. The role of the provost in handling student appeals regarding the charge of academic honesty has been explained (see II.E.5 above). Based on the recommendation, the Provost will render a decision within ten (10) business days of receipt of the recommendation of the Senate Committee. The provost will notify the student, the referring dean, the department chair and the faculty member of the Senate Committee's recommendations and of the provost's decision. At that time the provost will also notify the registrar to annotate the student's transcript, if necessary.
2. **Appeal of the Decision of the Provost.** If the student wishes to appeal the decision of the provost regarding the imposition of a disciplinary penalty, the student may appeal to the president, and then to the Board of Regents. The student must submit a written statement of appeal to the president within ten (10) business days of notification of the provost's decision. The basis for such an appeal must be on the grounds that the decision was arbitrary, capricious, or discriminatory.

G. STUDENTS INVOLVED IN TWO OR MORE INCIDENTS OF ACADEMIC DISHONESTY

A student is subject to disciplinary action in addition to any already undertaken once it is determined that the student has been found guilty in a previous incident of academic dishonesty. In such cases, the dean of students will forward a report to the University Senate Committee on Student Discipline regarding the incidents of academic dishonesty which have been reported. The dean of students is responsible for initiating this report within ten (10) business days of notification of the proceedings of any subsequent finding of academic dishonesty.

The University Senate Committee on Student Discipline will review the report of the dean of students. The student may submit supplemental written documents for the committee's review and may request to appear before the committee in its deliberations. After reviewing the matter, the committee will send a report to the provost with the recommendation for disciplinary penalty to be imposed. The provost will proceed as in G above.

H. GRIEVANCE PROCEDURES FOR ACADEMIC MATTERS

1. Each of the undergraduate colleges has stated policies for settling grievances of students for academic matters. Refer to the office of the dean of each college for policies.
2. Obligation to Report Suspected Violations. Members of the academic community, students, faculty

and staff are expected to report all instances of academic dishonesty to the appropriate authorities. The procedures for such reporting are on file in the offices of the deans of each college.

3. Penalties. The University takes the matter of academic honesty most seriously. Penalties for violations vary, but include both suspension and permanent expulsion from the institution.

1382 Student Complaints, Petitions for Policy Waivers and Variances, and Appeals

The appeals procedure for students will follow different courses depending on the nature of the student's appeal. Please refer to University Information Section 1050.80 under Polices and Disclosures in this catalog or visit enrollment.gsu.edu/assistance online for details.

1400 University Degree Requirements and Graduation

A degree will be awarded only to a student who meets both the university requirements and the standards of performance, academic requirements, and residence requirements of their college and of their degree program. See below for a complete explanation of university requirements. Consult your college's chapter of this catalog for your degree program's requirements. Once a degree has been conferred that academic record is considered closed.

1405 Learning Outcomes

Learning outcomes are the goals students achieve in their programs of study. They represent the knowledge, skills and attitudes that students should gain to successfully complete the requirements of a course, major, and degree. A special set of general learning outcomes cover the goals for all students at the university. Students begin mastery of the university's learning outcomes in the core (first two years of study) and continue to develop these skills throughout their major. The learning outcomes for all students are:

Area A1. Written Communication

Students produce well-organized written communications that exhibit logical thinking and organization, use appropriate style for audience, and meet conventional standards of usage.

Area A2. Mathematics

Students demonstrate the ability to interpret and analyze quantitative information; to apply mathematical principles and techniques; and to use mathematical models to solve applied problems.

Area B. Institutional Foundations

Students demonstrate effective critical thinking skills through interpreting, presenting or evaluating ideas.

Area C. Humanities/Fine Arts

Students can effectively evaluate the role of the humanities, fine arts, and languages in the human experience.

Area D. Natural and Computational Sciences

Students apply scientific and computational reasoning and methods of inquiry to explain natural phenomena and/or analyze quantitative information and solve applied problems.

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.

1410 Core Curriculum Requirements

Georgia State University requires all students seeking an associate's or bachelor's 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 of the effectiveness of the core curriculum, changes may occur periodically in its configuration. Every attempt will be made to notify students when such 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 should 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 (USG) institution may contain different courses. However, Georgia State will grant credit for any approved core curriculum course taken at a student's current University System of Georgia home institution even if it is different from the course offered at Georgia State.

The core curriculum completed at one USG 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 USG core curriculum courses that were not accepted during Georgia State's admissions process or who believe that the system rules of transferability of the core curriculum are not being honored can make an appeal. Appeals should be initiated by filling out a form available in the University Advisement Center, 25 Park Place, Suites 400 and 500.

1410.10 Area A1: Written Communication (6)

- ENGL 1101 English Composition I (3)
- ENGL 1102 English Composition II (3)

Students meeting specific eligibility requirements may take ENGL 1103 Advanced Composition in Area A1. See your academic advisor for additional information.

Students who have earned 30 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. For students with Learning Support requirements in writing, taking the required Learning Support course(s) counts as making progress toward completing Area A1.

1410.15 Area A2: Mathematics (3-4)

- MATH 1001 Quantitative Reasoning (3)
- MATH 1101 Introduction to Mathematical Modeling (3)
- MATH 1111 College Algebra (3)
- MATH 1112 College Trigonometry (3)
- MATH 1113 Precalculus (3)
- MATH 1220 Survey of Calculus (3)
- MATH 2201 Calculus for the Life Sciences I (4)
- MATH 2202 Calculus for the Life Sciences II (4)
- MATH 2211 Calculus of One Variable I (4)
- MATH 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 (for bachelor's students).

Students should select mathematics courses that are appropriate for their preferred degree program. Students are strongly advised to consult with an academic advisor before selecting a mathematics course. Specific recommendations may also be listed in the catalog section for the degree program.

Majors in sciences and mathematics programs (i.e., biology, computer science, chemistry, geology A.S., geoscience B.S., mathematics, medical technology, neuroscience, physics, radiologic sciences, and sciences/math education) are required to take Math 1112, 1113, or 2211 in Area A2. MATH 1112 is recommended for majors in computer science, mathematics, neuroscience, and physics. MATH 1113 is recommended for majors in biology, chemistry, geology A.S., geoscience B.S., medical technology, radiologic sciences, and sciences/math education. Engineering students are required to take MATH 2211 in Area A2.

Students who have earned 30 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. For students with Learning Support requirements in mathematics, taking the required Learning Support course counts as making progress toward completing Area A2.

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. See counselingcenter.gsu.edu/testing/ for more information.

1410.20 Area B: Institutional Foundations (4)

Select two courses from the following:

- PHIL 1010 Critical Thinking (2)
- SCOM 1000 Human Communication (2)
- PERS 2001 Perspectives on Comparative Culture (2)
- PERS 2002 Scientific Perspectives on Global Problems (2)
- PERS 2003 Perspectives on Human Expression (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.

Pers 2003 is a group of interdisciplinary courses that focus on the human condition, how people have expressed themselves through the arts and humanities, and how such representations have had broad historical and/or contemporary impact. Only one course in this group may be used to fulfill requirements in Area B.

Additional information about institutional options is available online at advisement.gsu.edu/self-service/core-curriculum/institutional-options/.

1410.30 Area C: Humanities, Fine Arts, and World Languages (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)
- HUMN 1000 Introduction to the Humanities (3)
- PHIL 2010 Introduction to Philosophy (3)
- PHIL 2030 Introduction to Ethics (3)
- RELS 2001 Introduction to World Religions (3)
- SCOM 2050 Media, Culture, and Society (3)

2. Fine Arts

- ART 1301 Art, Society, and Culture (3)
- AH 1700 Survey of Art I: Western Art from Antiquity to the Middle Ages (3)
- AH 1750 Survey of Art II: Western Art from the Renaissance to the Present (3)
- AH 1850 Survey of Art III: Art of Africa, Oceania, and the Americas (3)
- FLME 2700 History of the Motion Picture (3)

- MUA 1500 Jazz: Its Origins, Styles, and Influence (3)
- MUA 1930 Music, Society, and Culture (3)
- THEA 2040 Introduction to Theatre (3)

3. World Languages

- 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)
- ASL 1002 Elementary American Sign Language II (3)
- ASL 2001 Intermediate American Sign Language I (3)
- ASL 2002 Intermediate American Sign Language II (3)
- FREN 1002 Elementary French II (3)
- FREN 2001 Intermediate French I (3)
- FREN 2002 Intermediate French II (3)
- GRMN 1002 Elementary German II (3)
- GRMN 2001 Intermediate German I (3)
- GRMN 2002 Intermediate German II (3)
- GRKA 1002 Elementary Greek II (3)
- GRKA 2001 Intermediate Greek I (3)
- GRKA 2002 Intermediate Greek II (3)
- GRKM 1002 Elementary Modern Greek II (3)
- GRKM 2001 Intermediate Modern Greek I (3)
- GRKM 2002 Intermediate Modern Greek II (3)
- HBRB 1002 Elementary Biblical Hebrew II (3)
- HBRM 1002 Elementary Hebrew II (3)
- HBRM 2001 Intermediate Hebrew I (3)
- HBRM 2002 Intermediate Hebrew II (3)
- ITAL 1002 Elementary Italian II (3)
- ITAL 2001 Intermediate Italian I (3)
- ITAL 2002 Intermediate Italian II (3)
- JAPN 1002 Elementary Japanese II (3)
- JAPN 2001 Intermediate Japanese I (3)
- JAPN 2002 Intermediate Japanese II (3)
- KORE 1002 Elementary Korean II (3)
- KORE 2001 Elementary Korean II (3)
- KORE 2002 Elementary Korean II (3)
- LATN 1002 Elementary Latin II (3)
- LATN 2001 Intermediate Latin I (3)
- LATN 2002 Latin Prose (3)
- PORT 1002 Elementary Portuguese II (3)
- PORT 2001 Intermediate Portuguese I (3)
- PORT 2002 Intermediate Portuguese II (3)
- RUSS 1002 Elementary Russian II (3)

- RUSS 2001 Intermediate Russian I (3)
- RUSS 2002 Intermediate Russian II (3)
- SPAN 1002 Elementary Spanish II (3)
- SPAN 2001 Intermediate Spanish I (3)
- SPAN 2002 Intermediate Spanish II (3)
- SWAH 1002 Elementary Swahili II (3)
- SWAH 2001 Intermediate Swahili I (3)
- SWAH 2002 Intermediate Swahili II (3)
- TURK 1002 Elementary Turkish II (3)
- TURK 2001 Intermediate Turkish I (3)
- TURK 2002 Intermediate Turkish II (3)

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 section below appropriate for your major.

Courses with a laboratory component may be offered in two different but equivalent formats: As separate lecture and lab courses (e.g., BIOL 1101 and BIOL 1101L) or as a single course that includes both lecture and lab sections (e.g., BIOL 1101K).

Majors other than Sciences, Mathematics, and Health Professions:

1. Select one two-course sequence. (8)

- ASTR 1010K Astronomy of the Solar System (4) or ASTR 1010 (3) and ASTR 1010L (1) and
- ASTR 1020K Stellar and Galactic Astronomy (4) or ASTR 1020 (3) and ASTR 1020L (1)

- BIOL 1103K Introductory Biology I (4) or BIOL 1103 (3) and BIOL 1103L (1) and
- BIOL 1104K Introductory Biology II (4) or BIOL 1104 (3) and BIOL 1104L (1)

- BIOL 2107K Principles of Biology I (4) or BIOL 2107 (3) and BIOL 2107L (1) and
- BIOL 2108K Principles of Biology II (4) or BIOL 2108 (3) and BIOL 2108L (1)

- CHEM 1101K Introductory Chemistry I (4) or CHEM 1101 (3) and CHEM 1101L (1) and
- CHEM 1102K Introductory Chemistry II (4) or CHEM 1102 (3) and CHEM 1102L (1)

- CHEM 1151K Survey of Chemistry I (4) or CHEM 1151 (3) and CHEM 1151L (1) and
- CHEM 1152K Survey of Chemistry II (4) or CHEM 1152 (3) and CHEM 1152L (1)

- CHEM 1211K Principles of Chemistry I (4) or CHEM 1211 (3) and CHEM 1211L (1) and
- CHEM 1212K Principles of Chemistry II (4) or CHEM 1212 (3) and CHEM 1212L (1)

- ENVS 1401K Environmental Science (4) or ENVS 1401 (3) and ENVS 1401L (1) and
- ENVS 1402K Plant Resources in the Environment (4) or ENVS 1402 (3) and ENVS 1402L (1)

- GEOG 1112K Introduction to Weather and Climate (4) or GEOG 1112 (3) and GEOG 1112L (1) and
- GEOG 1113K Introduction to Landforms or [Geog 1113 (3) and GEOG 1113L (1) (4)

- GEOL 1121K Introductory Geology I (4) or GEOL 1121 (3) and GEOL 1121L (1) and
- GEOL 1122K Introductory Geology II (4) or GEOL 1122 (3) and GEOL 1122L (1)

- PHYS 1111K Introductory Physics I (4) or PHYS 1111 (3) and PHYS 1111L (1) and
- PHYS 1112K Introductory Physics II (4) or PHYS 1112 (3) and PHYS 1112L (1)

- PHYS 2211K Principles of Physics I (4) or PHYS 2211 (3) and PHYS 2211L (1) and
- PHYS 2212K Principles of Physics II (4) or PHYS 2212 (3) and PHYS 2212L (1)

2. Select one course (must be from a discipline different from one selected in group 1 above). (3-4)

- Any course from Section D1 above (4)
- ASTR 1000 Introduction to the Universe (3)
- BIOL 2240 Human Physiology (3)
- BIOL 2300 Microbiology and Public Health (3)
- CHEM 1050 Chemistry for Citizens (3)
- CSC 1010 Computers and Applications (3)
- GEOL 2001 Geologic Resources and the Environment (3)
- MATH 1070 Elementary Statistics (3)
- MATH 1112 College Trigonometry (3)
- MATH 1113 Precalculus (3)
- MATH 1220 Survey of Calculus (3)
- MATH 2201 Calculus for the Life Sciences I (4)
- MATH 2202 Calculus for the Life Sciences II (4)
- MATH 2211 Calculus of One Variable I (4)
- MATH 2212 Calculus of One Variable II (4)
- MATH 2420 Discrete Mathematics (3)
- Higher numbered mathematics course (3-4)
- NEUR 2000 Introduction to Neuroscience (3)
- PHYS 2030 Physical Science: Physics of Music and Speech (3)
- PSYC 1100 Intro to Biological Psychology (3)

If a 4 hour course is selected in this section, the additional hour will be counted in Area F or Area G (for bachelor's programs).

Students should select mathematics courses that are appropriate for their preferred degree program. Students are strongly advised to consult with an academic advisor before selecting a mathematics course. Specific recommendations may also be listed in the catalog section for the degree program.

Majors in Sciences and Mathematics (Biology, Computer Science, Chemistry, Geology A.S.,

Geoscience B.S., Mathematics, Medical Technology, Neuroscience, Physics, Radiologic Sciences, Sciences/Math Education):

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) or BIOL 2107 (3) and BIOL 2107L (1) and
- BIOL 2108K Principles of Biology II (4) or BIOL 2108 (3) and BIOL 2108L (1)

- CHEM 1211K Principles of Chemistry I (4) or CHEM 1211 (3) and CHEM 1211L (1) and
- CHEM 1212K Principles of Chemistry II (4) or CHEM 1212 (3) and CHEM 1212L (1)

- GEOL 1121K Introductory Geology I (4) or GEOL 1121 (3) and GEOL 1121L (1) and
- GEOL 1122K Introductory Geology II (4) or GEOL 1122 (3) and GEOL 1122L (1)

- PHYS 1111K Introductory Physics I (4) or PHYS 1111 (3) and PHYS 1111L (1) and
- PHYS 1112K Introductory Physics II (4) or PHYS 1112 (3) and PHYS 1112L (1)

- PHYS 2211K Principles of Physics I (4) or PHYS 2211 (3) and PHYS 2211L (1) and
- PHYS 2212K Principles of Physics II (4) or PHYS 2212 (3) and PHYS 2212L (1)

2. Select an initial calculus course (MATH 2211 Calculus of One Variable or MATH 2201 Calculus for the Life Sciences) or a course with a higher number, or one that is appropriate to the major (see individual departmental degree requirements). Engineering students must take MATH 2212 Calculus of One Variable II.

Majors in Health Professions (Nursing, Nutrition, Respiratory Therapy):
1. Select one two-course sequence. (8)
Note: Nutrition and Respiratory Therapy majors must choose CHEM 1151K and CHEM 1152K (or CHEM 1151/CHEM 1151L and CHEM 1152/CHEM 1152L).

- BIOL 1103K Introductory Biology I (4) or BIOL 1103 (3) and BIOL 1103L (1) and
- BIOL 1104K Introductory Biology II (4) or BIOL 1104 (3) and BIOL 1104L (1)

- BIOL 2107K Principles of Biology I (4) or BIOL 2107 (3) and BIOL 2107L (1) and
- BIOL 2108K Principles of Biology II (4) or BIOL 2108 (3) and BIOL 2108L (1)

- CHEM 1151K Survey of Chemistry I (4) or CHEM 1151 (3) and CHEM 1151L (1) and
- CHEM 1152K Survey of Chemistry II (4) or CHEM 1152 (3) and CHEM 1152L (1)

- PHYS 1111K Introductory Physics I (4) or PHYS 1111 (3) and PHYS 1111L (1) and
- PHYS 1112K Introductory Physics II (4) or PHYS 1112 (3) and PHYS 1112L (1)

2.Select one mathematics course from the following:
Note: MATH 1070 Elementary Statistics (3) is recommended for all health professions majors except those in the Health Sciences A.S. in Medical Technology or Radiologic Sciences.

- MATH 1070 Elementary Statistics (3)
- MATH 1112 College Trigonometry (3)
- MATH 1113 Precalculus (3)
- MATH 1220 Survey of Calculus (3)
- MATH 2201 Calculus for the Life Sciences I (4)
- MATH 2202 Calculus for the Life Sciences II (4)
- MATH 2211 Calculus of One Variable I (4)
- MATH 2212 Calculus of One Variable II (4)
- MATH 2420 Discrete Mathematics (3)
- Higher numbered mathematics course (3-4)

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)

2. Global Economics, Global Politics, and World History. Requirement: Select one course (3)

- ECON 2100 Global Economics (3)
- HIST 1111 Survey of World History to 1500 (3)
- HIST 1112 Survey of World History since 1500 (3)
- POLS 2401 Global Issues (3)

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)
- GERO 2000 Introduction to Gerontology (3)
- AAS 1140/HIST 1140 African and African-American History (3)
- PSYC 1101 Introduction to General Psychology (3)
- SOCI 1101 Introductory Sociology (3)
- SOCI 1160 Introduction to Social Problems (3)

- WGSS 2010 Introduction to Women's, Gender, and Sexuality Studies (3)

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. More information can be found at the University System of Georgia website.

1425 Federal and State Constitution and History Requirements

As required by Georgia law, all students must demonstrate knowledge of the history and constitutions of the United States and of Georgia. To demonstrate this knowledge, students must pass HIST 2110 and POLS 1101 at Georgia State, have previously completed these courses at a University System of Georgia institution, or pass the proficiency examination in these legislative requirements available for students at the Testing Center. See the Testing Center for additional information counselingcenter.gsu.edu/testing/tests/historyconstitution/.

Students who transfer in American Government or Constitution courses from a non system school will be required to take the Georgia History and Constitution exams or retake the courses at Georgia State. Transfer students who have fulfilled any or all parts of this requirement will be advised of that fact at the time of admission and evaluation of transfer credit.

Note: If a student meets this requirement with all four examinations, the student must select additional course(s) from Section 3, Social Science Foundations in Core Area E.

1430 Critical Thinking Through Writing (CTW) Requirement

All students seeking baccalaureate degrees are required to complete a critical thinking through writing (CTW) requirement which includes a CTW course in their major. 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.

1437 Major Requirement and Minors Policy

In order to graduate, students must complete at least one major. Students may take a minor but they may have no more than two minors per degree. Double majors may have no more than two minors. Dual degree students may have no more than two minors for each degree (for a total of four).

Certain majors require a specific minor. This requirement is listed in the section of this Catalog that lists the requirements of that major.

No unit may prohibit a student from pursuing any minor available at Georgia State.

1440 Academic Residence Requirement

Academic residence is defined as being enrolled in one or more courses at Georgia State University; this is not to be confused with status as a legal resident of the State of Georgia for fee determination purposes. The minimum academic residence requirement for each baccalaureate degree is as follows:

- The candidate must earn 39 semester hours at Georgia State in courses numbered 3000 or above with an average grade of at least a C (2.00 GPA); and
- At least one-half of the hours comprising the major must be taken at Georgia State.

Up to 9 hours of 3000/4000 credit earned at another institution as part of an official Georgia State University joint degree, dual degree, or exchange program may be counted toward the academic residency requirement.

Transfer credit, credit by examination, credit by validation, CLEP credit, AP credit, IB credit, and courses specifically excluded by university policy cannot be used to meet the academic residence requirement.

1450 D Grade Credit Restriction

Georgia State University will allow no more than 12 semester hours of D grades to apply toward degree requirements of a baccalaureate program of study. This 12 semester hours includes both credit completed at Georgia State (resident credit) and transfer credit. Certain degree programs may designate a lesser number of D grades as acceptable. Consult your college's chapter of this catalog for stricter requirements.

1460 GPA Requirement

In order to earn any Georgia State University baccalaureate degree a student must have at least a 2.00

institutional grade point average. If a student takes a course multiple times at another institution or at Georgia State, the grade earned in the final attempt will determine the applicability of the course to the degree requirements. (For example, some programs require a grade of C or better in a particular course). For details on taking a course more than once, see Section 1330.35.

1470 No I Requirement

No student may graduate with a grade of "I" (Incomplete) on his or her record for the degree program in which they have applied to graduate. All permanent grades for incomplete grades and grade changes for previous semesters should be received in the Office of the Registrar, Academic Records, in writing at least one week prior to the end of classes for the term. It is the student's responsibility to see to it that incomplete grades are properly recorded in the appropriate offices by this deadline.

1480 Semester Hours Requirement

The curriculum for a baccalaureate degree at Georgia State University requires a minimum of 120 semester hours. Some programs require a higher number of semester hours. Students should consult the description of their program in this catalog to determine the number of semester hours required. Students must earn 25 percent or more of the credit hours required for the degree through Georgia State direct instruction.

The semester hours for graduation are calculated as follows:

Semester hours included:

- Academic credit (transfer and Georgia State) in which grades A, B, C, D, S, or P are earned (except as excluded below) and
- Credit earned through the College-Level Examination Program (CLEP), Advanced Placement (AP), International Baccalaureate (IB), and any other approved credit-by-examination

Semester hours excluded:

- All hours earned in courses that are repeated except the final attempt
- Hours earned in courses with course numbers below 1000
- Courses (transfer and Georgia State) that are required to meet Required High School Curriculum (RHSC) deficiencies
- GSU 1010, GSU 1050 and GSU 1060
- Physical education "skills" courses KH 1010, KH 1020, KH 1030 (previous course prefixes: HPRD, HPRS, PE)

Questions may be directed to the Academic Records, Graduation Review and Diploma Services Office, 75 Piedmont Avenue, registrar.gsu.edu/graduation/.

1490 Graduation Information

Graduation Office, Office of the Registrar
75 Piedmont Avenue, Suite 1150
registrar.gsu.edu/graduation

1490.10 Application for Graduation

All candidates for a degree must file a formal application for graduation with the Graduation Office. Students apply online and pay the graduation fee by logging into PAWS. To access the Graduation Application, select the Enrollment tab. The Application for Graduation link is located under the Updates/Requests Student Record section of the page. Once the link is selected, step-by-step instructions will be provided regarding the application process.

Students should apply two semesters prior to their anticipated term of completion. For bachelor's-level candidates, this is normally when a student has earned 90 credit hours. Students pursuing an undergraduate certificate must also apply online for graduation. There are no minimum hours required to apply for graduation in a certificate program. However, the deadlines posted for each semester must be adhered to.

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 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 website at registrar.gsu.edu/graduation. Official transcripts of prior term course grades from institutions other than Georgia State University must be in the Office of Undergraduate Admissions by the last day of registration of the semester of graduation. Any other documentation pertaining to non-Georgia State courses which is needed to determine if transfer credit can be granted (such as catalog descriptions or course outlines) must be received by the student's Office of Academic Assistance by the last day of registration of the semester of graduation.

Students who wish to be transient students or who wish to participate in cross-registration for their remaining course work will graduate one semester after the term in which the last course to be transferred to Georgia State University has been taken. Such students must obtain advance permission to complete their degree elsewhere from their college's Office of Academic Assistance.

1490.20 Graduation with Honors

Scholastic recognition at graduation will be given to each baccalaureate student who maintained a high grade point average. The specific award is based on the cumulative grade point average that the student has during their last term at Georgia State University.

Cum Laude	3.50-3.69
Magna Cum Laude	3.70-3.89
Summa Cum Laude	3.90-4.00 or higher

Honors noted on diplomas or transcripts are based on the cumulative grade point average at George State University after the last term grade point averages are calculated.

1490.25 Graduation Ceremonies

University Commencement Ceremonies are held at the end of the fall and spring academic terms. Individual academic areas may hold convocations at the end of both the fall and spring terms. You should consult with your academic college. In order to participate in the University Commencement ceremony, a student must have completed all degree requirements in accordance with rules and regulations found in this catalog. Students who have registered for all remaining degree requires in the summer and have applied for summer degree conferral may elect to participate in the spring ceremony. However, degree conferral will not occur until successful completion of the summer term. While the University holds only two Commencement ceremonies, degrees are conferred at the end of each term; fall, spring and summer, and diplomas are mailed approximately six to eight weeks following degree conferral. Diplomas are mailed to the student's mailing address of record. Students should keep their mailing addresses updated through PAWS at paws.gsu.edu. Allow six to eight weeks following the official date of degree conferral for delivery of the diploma.

Students who indicated on the graduation application that they are attending the commencement ceremony are to purchase their regalia from the Georgia State University Bookstore. The bookstore can be reached at 404-413-9700, by email at bookstore@gsu.edu, or online at services.gsu.edu/service/university-bookstore. Commencement photography is also available. Complete information will be sent to degree candidates by the midpoint of their scheduled semester of graduation. If a student later decides not to attend the ceremony, he or she must notify the Graduation Office at 404-413-2248 or email at graduation@gsu.edu.

Additional information concerning graduation procedures can be obtained through the graduation website.

1490.30 Exit Examinations

The university and the student's college may require the completion of additional competency tests appropriate to a student's program of study prior to graduation. Information relative to these tests is available in the student's college.

Any student failing to demonstrate required proficiency on any competency test may be required to complete such additional courses as are necessary to correct the deficiency. Courses required and completed

under this provision may be with or without academic credit and may be required without regard to prior course credits in these disciplines.

1490.40 Posthumous Undergraduate Degrees

A posthumous undergraduate degree shall be awarded at the request of or with concurrence of the family or friends of the deceased if, at the time of death, the student was 15 or fewer semester hours short of the semester hours required to complete the degree the student was seeking and the student had a minimum Georgia State University cumulative GPA of 2.00. Additionally, a posthumous degree may be awarded through the normal process of petition for a waiver of the university's graduation requirements. A request for a posthumous degree should be made to the Office of the Dean of Students.

1500 Student Life and Services

Georgia State University is committed to the idea 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. Furthermore, the division seeks to provide an enriching environment that allows for and encourages cross-cultural interaction, an appreciation of diversity and ethical decision making.

For more information, visit studentaffairs.gsu.edu.

1504 Campus Services

The departments in Campus Services supplement the academic campus experience by providing services and facilitating the sale of merchandise to faculty, staff, and students.

The Auxiliary and Support Services office is located on the second floor of Student Center West. Hours of operation are from 8:30 a.m. to 7:00 p.m., Monday through Thursday and from 8:30 a.m. to 5:15 p.m. on Fridays. Semester breaks and holiday hours are from 8:30 a.m. to 5:15 p.m., Monday through Friday. Phone: 404-413-9500. Fax: 404-413-9525. Email: auxiliary@gsu.edu. Web: services.gsu.edu/.

1504.10 ATMs

ATM banking machines from several financial institutions are located on campus including the University Bookstore Building, first floor; Student Center, first floor; Urban Life, second floor, and Patton Hall, first floor. Phone: 404-413-9500. Fax: 404-413-9525. Email: auxiliary@gsu.edu.
Web: services.gsu.edu/service/atm-banking/.

1504.15 University Bookstore

The University Bookstore, located on the third floor of Student Center West, offers a complete selection of new and used textbooks with a guaranteed lowest price, in comparison with competing downtown bookstore textbook prices. The lowest textbook price including price matching guarantee assures that the University Bookstore will match lower textbook pricing, for customers who present lower pricing among competing downtown bookstores to authorized University Bookstore personnel. The rent-a-text (www.rentatext.com) program provides students with the option of renting a new or used textbook for an academic term rather than purchasing it. At the end of the term, students simply bring or ship the textbook back to the University Bookstore. Renting instead of buying can save you more than 50% on average up front, as opposed to having to wait until buyback cash at the end of the term. The University Bookstore also buys used textbooks in some cases paying as much as 50% of the purchase price. The University Bookstore offers a variety of name brand computer products including Acer and Samsung computers built

to university specifications, educational discounted computer software, supplies, and related class needs. Officially licensed Georgia State apparel and gifts are also sold in the University Bookstore. Purchases can also be made online at www.gsubookstore.com. Cash, credit cards, checks, and PantherCash are accepted for purchases. Special discounts are available on Fridays when purchases are made with PantherCash. Phone: 404-413-9700. Fax: 404-413-9709. Email: gsu@bkstr.com. Web: www.gsubookstore.com.

1504.20 Graduation Regalia and Photography

The University Bookstore 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 the University Bookstore. For more information on graduation photography call toll-free 1-800-424-3686. Information on other Commencement items from diploma frames, class rings, invitations, as well as stoles of gratitude are available at the University Bookstore. Phone: 404-413-9700. Fax: 404-413-9709. Email: gsu@bkstr.com. Web: www.gsubookstore.com.

1504.25 PantherDining

With three traditional dining commons, multiple campus eateries and catering services, PantherDining is committed to providing fresh, convenient and tasty options to the Georgia State community. Learn more about our services by visiting dining.gsu.edu.

Meal Plans

Choose from a 5-day or 7-day "all-you-care-to-eat" academic year meal plan, with a variety of delicious and nutritious options at three conveniently-located dining commons.

Academic Year 2017-2018 Unlimited 7-Day Meal Plan

- Includes breakfast, lunch and dinner Monday through Friday, as well as brunch and dinner on Saturday and Sunday
- $3,832/academic year (2 equal installments of $1,916 per semester)
- ***For only $101 more you can continue to dine with us on the weekends!***

Academic Year 2017-2018 Unlimited 5-Day Meal Plan

- Includes breakfast, lunch and dinner Monday through Friday
- $3,630/academic year (2 equal installments of $1,815 per semester)

Sign up for a meal plan today at dining.gsu.edu!

Dining Commons

Our dining commons are open to students, staff and faculty of the Georgia State community as well as the

public. We accept cash, PantherCash (save 20%!), American Express, Visa, Mastercard and Discover.

Fixed Meal Prices:

Breakfast: $8

Lunch: $10

Dinner: $15

Weekends: $10

Kids 5 and under eat free

Kids 12 and under eat for half price

- **Patton Dining (160 Edgewood Avenue):** Known for its made-to-order sandwiches and daily grill specials, Patton is the go-to lunch spot on campus, but we offer up more than just lunch classics! Stop by our vegan bar for anything from vegetable pot pie to vegan tacos and our international station for flavors from around the globe. Questions? Call 404-413-9630.
- **Piedmont Central (92 Piedmont Avenue):** With non-stop service starting at 7 a.m. Monday and closing Friday at 9 p.m., Piedmont Central is where to head when you need a break from studying at 2 a.m. on a Wednesday. Tempt your sweet tooth with our decadent desserts, grab a slice of cheesy pizza or let us make you an out-of-this-world omelet (really!) at our omelet station. For more information, contact 404-413-1971.
- **Piedmont North (175 Piedmont Avenue):** Specializing in made-for-you selections like quesadillas, sliders, and stir fry's, Piedmont North's Mongolian Grill Station is a favorite with its customizable entrees. Another favorite? The Almost Home station serving fried chicken, mac & cheese and country fried steak – a necessity when you're in need of a taste of home! Contact 404-413-1559 for questions.

Hours of Operation:

Patton: Monday-Friday from 7 a.m. to 9 p.m.

Piedmont Central: Continuous 24-hour service from 7 a.m. Monday until 9 p.m. Friday; Saturday and Sunday service: 11 a.m. to 9 p.m.

Piedmont North: Monday-Friday from 7 a.m. to 9 p.m.

Campus Eateries

To complement our dining commons, we offer a mix of cafes and grab-and-go locations to provide variety and convenience at every turn. You'll find Chick-fil-A sandwiches, specialty salads, Asian fusion, Lavazza coffee and sweet treats at our locations.

- **Centennial Café:** Brews Lavazza coffee and serves fresh sandwiches, wraps, sushi and baked goods.

- **The Courtyard:** Fresh new options coming your way in fall 2017!
- **Legal Grounds:** In a hurry? Find your favorite grab-and-go snacks like bagels, pastries and yogurt parfaits here.
- **Miss Demeanor's:** From savory flatbreads and personal pizzas to fresh-baked pastries, Miss Demeanor's also offers an assortment of hot and cold beverages.
- **Panthers Club:** More new options coming your way in fall 2017!
- **Ray's New York Pizza:** Ray's Pizza offers pizza pies and slices, pasta, salads and wings.

PantherDining Catering

Whether it's some of our noteworthy stations like a chocolate fountain, mac & cheese bar or even an ice cream station, or custom-built menus offering Southern fare and Havana favorites, you'll find something unique and tasty for any campus event. Learn more by calling 404-413-9670 or visiting catering.gsu.edu.

1504.30 PantherCard

The PantherCard is the official Georgia State University identification card, library card, access card to some campus facilities, and provides PantherCash (a debit card) and PantherMeals accounts. PantherCard is issued to all currently registered students and to faculty, staff, and affiliates of Georgia State University.

PantherCash accounts can be opened at the Campus Services office with cash, check MasterCard, Visa, Discover, or American Express.

PantherCash

PantherCash accounts enable students to add value to their PantherCard and receive discounts on some on-campus purchases. Additional PantherCash deposits to the account can be made online at panthercard.gsu.edu, or at the Campus Services office, at the PantherCash Online Card Office, at the value transfer stations (VTS), or any Payment Headquarters In Location (PHIL) machines on-campus. More information regarding these debit accounts and their uses on campus is available at the PantherCard website. Use PantherCash to receive vending discounts on the purchase of soft drinks or water at vending machines displaying the PantherCash sign, discounts on Fridays at the University Bookstore, and other on and off-campus locations. Phone: 404-413-9508. Fax: 404-413-9525. Email: panthercard@gsu.edu. Web: panthercard.gsu.edu.

Money Network Financial Aid Refund Authorization:
Take advantage of a quick and easy way to receive your financial aid refund. First, you must activate a Money Network Discover Card account on your PantherCard. To do this up the newest PantherCard with the Discover Card logo on it. Call 1-800-822-4283 and follow the system prompts. To authorize your student account refund on your PantherCard follow these steps:

1. Log into PAWS at paws.gsu.edu
2. Select the "Finances" tab
3. Select the "Refund Information" section
4. Select the "Panther Card Authorizations" link
5. Select "Authorize" from the dropdown menu under the "PantherCard Money Network®

Authorization" section
6. Click Submit

1504.40 Parking and Transportation

Georgia State University offers students options for traveling to and from campus: driving to campus and parking on-site, driving to an off-site parking area, and discounted monthly MARTA and GRTA cards. Parking Budget Cards can also be purchased for on-campus parking at a reduced rate. Panther Express Shuttle services transport students from off-campus and housing parking, and other campus locations at no additional charge.

On-Campus Parking

- Students should register their vehicle at parking.gsu.edu
- A valid PantherCard is required for all parking transactions.
- The Parking and Transportation customer service area accepts cash, checks, Visa, MasterCard, Discover, 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 provided space is available.
- The Parking Budget Card allows persons to park in the parking decks and lots on campus at a reduced price per entry.
- M Deck, Non-Resident Lofts and T Deck parking semester passes are available through an online waitlist while supplies last online at parking.gsu.edu at the beginning of each Fall, Spring, and Summer semester at a semester-flat-rate, guaranteed parking permit with unlimited entries. Information on M Deck is available at parking.gsu.edu.

- Each Semester parking at the Lofts Parking Deck is available for Patton Hall, Lofts, and Greek Housing residents at the customer service windows of Parking and Transportation.

Student parking is available in the following locations (with parking attendants on duty from 6:30 a.m. – 10:00 p.m., Monday – Friday); some restrictions or requirements may apply.

- M Deck
- S Deck (top two levels for student parking only)
- K Deck
- N Deck
- G Deck (Students after 4:00 pm, Monday – Friday, or all day on weekends)
- Lofts Deck (Permit only, no parking attendant on duty)
- T Deck
- Turner Field Blue Lot and Green Lotsas specified for students

Panther Express Shuttle Services and Off-Campus Parking

- The Panther Express Shuttle Service allows students to park their vehicles with a valid parking permit at the Blue and Green Lot, Turner Field. This parking space is limited as to availability, and is on a first-come-first-served-basis.
- Panther Express Shuttle services transport students to and from the University Commons, Piedmont North, Piedmont Central, Aderhold Learning Center, and off-campus University provided parking areas at no charge.
- Panther Express shuttles are accessible to persons with mobility impairments and feature automated passenger lift equipment for safe loading and unloading of passengers in wheelchairs or who otherwise require such assistance. Panther Express shuttle drivers are fully trained in use of accessibility equipment and are committed to providing courteous and helpful services for all PantherExpress passengers. For additional information regarding on-campus assistance for persons with disabilities, please contact the Office of Disabilities at 404-413-1560.
- You can follow Parking and Transportation on Twitter at www.twitter.com/gsuparking. You can also download the University App and follow the latest on Parking and Transportation on your smart phone.

Phone: 404-413-9500. Fax: 404-413-9525. Email: parkingandtransportation@gsu.edu. Web: transit.gsu.edu

MARTA AND GRTA

Customer Service Area. Students who wish to purchase a Georgia State discounted monthly MARTA pass for each month need to pick up a specially marked MARTA Breeze card from the Parking and Transportation service area in Suite 200, University Bookstore Building. A valid PantherCard is necessary in order to receive a specially marked Georgia State University discounted plastic Breeze Cards initially. Once a new MARTA Breeze Card is obtained, students will need to log on to ParkingWeb at http://parking.gsu.edu/ between the 1st and 15th of each month to purchase the following month's card in order to receive the maximum discount available for their card.

ENJOY THE BENEFITS

Easy to Reload
The new Breeze Card is reloadable online through ParkingWeb at parking.gsu.edu.

Discounted
If reloaded online between the 1st and 15th of each month, students pay $61 and staff pay $77 instead of the full retail price of $95 if purchased directly through MARTA for a calendar month card.

Durable
Breeze Cards are made of durable plastic, and can either be reloaded online or through any MARTA kiosk although kiosk prices are slightly higher because they do not receive the University subsidy.

Limited Protection Plan
There is also a limited protection plan on all Breeze Cards purchased. As long as the card is reported lost, stolen, damaged, or non-functional before the 22nd of each month at the Parking and Transportation customer service area, the card will be replaced and will still have that month's benefits. There is a small administration fee for replacement.

A valid PantherCard is required to receive the discount. Students, faculty and staff. GRTA passes are also available for purchase at the Parking and Transportation customer service area.

1504.45 University Printing and Copy Services

PawPrints – Georgia State's official printer, located in the Clarkston campus "S" Building, offers a full range of printing solutions: offset printing; color printing of newsletters, brochures, posters, and banners; fast black and white copying; printing of official Georgia State stationery, etc. PawPrints also offers many finishing options such as folding, cutting, binding, and lamination, as well as scanning and faxing services.

PawPrints welcomes all customers: students, faculty, staff, and visitors. No job is too small or too large. Work may be completed from printed originals or from electronic media such as email (pawprintsclk@gsu.edu) flash drives, CD, DVD and FTP. PawPrints also has an online printing site which can be used by students, University employees, and the community. Access to the site can be requested at gsuprints.nowdocs.com.

Accepted methods of payment include cash, major credit/debit cards, PantherCash, and interdepartmental charge cards. Phone: 678-891-3335. Web: pawprints.gsu.edu Email: pawprintsclk@gsu.edu

Copy Services – self-operated copy machines are available in the following Perimeter College locations:

Clarkston – Building L, Room 2100
Dunwoody – LRC, Room 2600
Decatur – Building A, Room 3100
Newton – Building 2N, Room 3100
Alpharetta – LRC, Room 1230

The exclusive method of payment is PantherCash, which visitors use through the purchase of a PantherCash Guest Card. Phone: 678-891-3342. Email: pawprintsclk@gsu.edu.

1504.50 Mail Services

Mail Services, located in the Clarkston campus "S" Building, manages the incoming and outgoing mail flow for Perimeter College departments and through United States Postal Service (USPS), and is a sister operation linked to the Atlanta campus main Mail Services operation. In addition to Mail Services originating at the Clarkston campus to operate daily mail routes servicing all Perimeter College campuses, it also operates a daily afternoon route for outgoing departmental mail (USPS and interoffice) to be delivered to Atlanta for processing. On its return, Mail Services brings to the Clarkston campus interoffice mail from the Atlanta campus for delivery to the PC campuses the next day. Mail Services hours of operation are Monday – Friday, 8:30 a.m. – 5:15 p.m. Mail Services Phone: 678-891-3332.
Web: services.gsu.edu/service/mailservices/. Email: mailservices@gsu.edu

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: safety.gsu.edu/risk-management/.

1504.65 Vending

Vending machines are available in several locations throughout the campus, including canned/bottled beverage machines, featuring a large selection of popular brands, beverage machines with coffees and hot chocolate, and a variety of snack items. Cash and either PantherCash readers or credit/debit card readers are accepted at most vending machines with PantherCash discounts available on select vending beverage machines. Phone: 404-413-9500. Web: vending.gsu.edu

1506 Child Development Center

The University maintains the Lanette L. Suttles Child Development Center located in Dahlberg Hall. The center is designed for children of students with limited space available for the children of faculty and staff. Full-time child care is available in addition to flexible blocks of time. Information regarding hours, registration, fees and ages of children accepted into the program may be obtained from the center at 404-413-8460.

1508 Civic Engagement

Civic Engagement provides assistance to students, student organizations, faculty and staff concerning volunteer and community service opportunities. Community service offers students the opportunity to gain hands-on experience while preparing for their professional futures. Civic Engagement connects the Georgia State University community with the greater Atlanta community by creating partnerships which foster service-learning opportunities and revitalize the community. Individuals who become engaged with Civic Engagement strengthen their career readiness and capacity to help solve the problems faced by society while learning the importance of being an active, engaged citizen.

Through OrgSync, Civic Engagement is able to provide service opportunities for individuals and groups based on personal interest while allowing participants to log and track volunteer hours. Students and

student organizations that engage in service projects and log their hours in OrgSync are able to create a permanent record of their service hours.

Panther Breakaway, one of Civic Engagement's signature programs, offers students the opportunity to spend their academic breaks in service to others. In the past, students have worked in various locations around the southeast and internationally, including Washington D.C., Florida, Tennessee, Louisiana and Costa Rica. Students are educated on a specific social issue prior to the trip and then immersed in the community where they complete service projects related to that specific issue. Previous trips have addressed social issues such as literacy, poverty, hunger, homelessness and environmental awareness.

For more information, visit Civic Engagement located in Student Center East, Suite 304, call 404-413-1550 or visit the Civic Engagement website service.gsu.edu.

1510 Counseling and Testing Center

The comprehensive services of the Counseling and Testing Center reflect the university's concern for the many needs of currently enrolled students. Counseling is available free of charge to students who have educational, personal or relationship concerns. The center offers individual, couples and group counseling. Groups include several interpersonal process groups including general growth groups, African American women's support group, African American co-ed support group, LGBTQIA support group, graduate student support group, grief support group, stress management group and substance abuse group. Individual stress management sessions are also available to students.

Psychiatric services to evaluate the need for medications are available for those in counseling in the Counseling and Testing Center or in the Psychology Clinic located in the Psychology department. Referral services for students having needs that go beyond the scope of the Counseling and Testing Center are also available. Physicians provide psychiatric evaluation, medication management and clinical consultation. All physicians are located in the Counseling and Testing Center. In addition to the psychiatric services, emergency university staff consultation services, inpatient liaison services, staff training and additional PRN university staff consultations are available.

Students may come in for an initial counseling consultation on a walk in basis every day during business hours. The purpose of this visit is to assess the student's concerns and develop a plan to address these concerns. Follow up counseling visits are by appointment. Faculty, staff or students concerned about a student's health and well-being are encouraged to phone the Counseling and Testing Center to consult with the senior emergency on call counselor. A counselor will assist in determining the most appropriate course of action.

The Counseling and Testing Center's testing services offers many national examinations, certifications, psychological assessments, math placement 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. Psychologists from the center are also available for guest lectures in classrooms and for student organizations.

All clinicians in the center have advanced degrees in psychology, counseling or social work, are licensed or supervised by a licensed clinician and have a special interest and skills in relating to university students and their concerns. Visits to the Counseling and Testing Center are private and confidential. No one outside the Counseling and Testing Center is given any information regarding any appointments that have been made or what is revealed in counseling sessions without the written release from the student according to Georgia law. The records kept by the Counseling and Testing Center do not become part of a student's academic record.

For more information, visit the Counseling and Testing Center located in 75 Piedmont Ave., Suite 200A, call 404-413-1640, or visit the Counseling and Testing Center website counselingcenter.gsu.edu.

1510.10 Student Victim Assistance

Student Victim Assistance Services serves as a confidential reporting resource and a central resource point for any student who has experienced a traumatic event, been the victim of sexual assault or has been a victim of other crimes. Staff help connect students to many campus and community resources related to their specific needs. The goal is to help students regain control over their lives so that they may persist in their educational pursuits and thrive personally. Services provided include: confidential reporting resource, direct crisis intervention 24/7, referrals for on and off campus resources, advocacy and support during all phases of university, legal/criminal proceedings, information and resources, consultation and education to students, faculty and staff, safety planning and on-going follow-up and support as needed.

For more information, visit Student Victim Assistance located in 75 Piedmont Ave., Suite 239, call 404-413-1965 or visit the Student Victim Assistance website victimassistance.gsu.edu.

1510.20 Student Health Promotion

The mission of Student Health Promotion is to support activities that empower Georgia State University students to make informed healthier choices and achieve academic success and to ultimately improve the health of individuals and communities. Core areas of education include substance use risk reduction and sexual assault/partner violence prevention. Wellness education is provided through interactive formats including campus events and programs that foster opportunities for students to connect with peers for education about health topics. Self-responsibility, conscious decisions and informed choices in relation to health are encouraged. The peer health educators (PHEs), the health educator and the senior coordinator for student health promotion provide wellness education through interactive formats such as workshops, campus campaigns and awareness events. A wellness library with books, videos, brochures, posters and other materials are available to students to gain additional knowledge about health related topics. *The PHEs have received specialized training in the dimensions of health and public health programming and are the university's first-response to health promotion and wellness education on campus.* The health educator and senior coordinator are available to advise students and coordinate programming with various groups. Weekly classes are provided for students who have violated campus alcohol or drug policies in order to assist them with reducing their risk of further harm. Additionally, individual and group tobacco cessation services are offered. Bystander intervention and sexual assault prevention workshops are offered regularly throughout each semester.

For more information, visit Student Health Promotion located in 75 Piedmont, Suite 241, call 404-413-1577 or visit the Student Health Promotion website healthpromotion.gsu.edu.

1512 Dean of Students

1512.10 Student Advocacy and Outreach

Knowledgeable staff assist and empower students in conducting their university affairs by listening and analyzing the student's issues, questions or concerns; talking with the student to help devise a problem-solving strategy; and referring the student to appropriate staff members and departments. This advocacy and outreach is designed to facilitate student success and retention by helping students understand and utilize the resources and systems within the university.

For more information, visit the Dean of Students located in Student Center East, Suite 303, call 404-413-1514 or visit the Dean of Students website deanofstudents.gsu.edu.

1512.20 Emergency Assistance

Information regarding students' class schedules cannot be released for any purpose by the Dean of Students. However, in the event of a verified family emergency such as a life threatening situation or serious illness that occurs during regular business hours (Monday-Friday, 8:30 a.m. – 5:15 p.m.), staff will make an attempt to deliver a message or contact a student in class regarding the emergency information.

The Dean of Students office can provide assistance to a students who have experienced a verifiable emergency circumstance which prevents them from attending class by coordinating with relevant campus resources to support the student's successful return to the university. In the event a student is hospitalized and unable to contact their professors, the professors can be notified of the absence so that, upon returning to the university, the student can follow up with their professors to complete any missed assignments. If the student is unable to remain enrolled due to the nature of the emergency situation, the student can receive guidance and assistance regarding the withdrawal process.

For more information, visit the Dean of Students located in Student Center East, Suite 303, call 404-413-1515 or visit the Dean of Students website deanofstudents.gsu.edu.

1512.30 Student Conduct

The Georgia State University Student Code of Conduct contains policies and procedures that promote the university mission and protect the rights of students, faculty and staff. Students are obligated to be knowledgeable of and to comply with the university's rules, policies and procedures. Students are also individually responsible for understanding and exercising their rights, fulfilling their obligations and respecting the rights of others. The Student Code of Conduct articulates the types of actions that infringe upon the campus climate of civility and the academic integrity of the university. An overarching philosophy of the student conduct process is to provide students with the opportunity to reflect upon their actions, take

responsibility for the outcomes of their life and to develop ethical approaches to their decision making process. A copy of the most current Student Code of Conduct may be accessed on the web at codeofconduct.gsu.edu.

For more information, visit the Dean of Students located in Student Center East, Suite 303, call 404-413-1515 or visit the Dean of Students website deanofstudents.gsu.edu.

1512.40 Parent Relations and Panthers Parents Association

In order to provide parents of Georgia State University students with an opportunity to remain actively involved with their student through the college experience, Panthers Parent Relations provides programs and services such as Family Weekend. Parents are also invited to join the Georgia State University Panthers Parents Association. Membership in the association gives family members access to newsletters, programming opportunities and a scholarship for their students. The Panthers Parents Association is led by an executive board of parents of current Georgia State University students. The Panthers Parents Association holds at least one general membership meeting a year and several executive board meetings each semester.

For more information, call 404-413-1580 or visit the Parent Relations website parents.gsu.edu.

1512.50 New Student Orientation

By introducing new undergraduate students and their families to Georgia State University, New Student Orientation facilitates student integration into curricular, co-curricular and university life. Programs offered in addition to orientation include Panther Welcome, Freshman Convocation, Alpha Lambda Delta Freshman Honor Society and Tau Sigma Transfer Honor Society.

For more information, visit New Student Orientation located in Student Center East, Suite 304, call 404-413-1580 or visit the New Student Orientation website at orientation.gsu.edu.

1512.60 Student Health Insurance

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

- All graduate students awarded a Full Tuition Waiver as part of their graduate assistantship award
- All undergraduate, graduate and English as a Second Language (ESL) international students holding F and J visas
- All undergraduate and graduate students enrolled in programs that require proof of health insurance
- All graduate students receiving fellowships that fully fund their tuition
- International Scholars

For those students not covered under the mandatory plan, a voluntary plan is also available. Eligible students include all undergraduate students enrolled in at least 6 credit hours and graduate students enrolled in the graduate or professional degree program taking at least one graduate level course. The link

www.uhcsr.com/gsu outlines the coverage, benefits and premium for an insurance program specifically designed for Georgia State University students and their dependents.

1514 Disability Services

Students with disabilities can receive services and programs through the Margaret A. Staton office of Disability Services. New students with disabilities are encouraged to register with Disability Services prior to their first semester to ensure that appropriate accommodations are made. Current Georgia State University students with disabilities may register with Disability Services throughout the semester. Disability Services also provides information and resources to the campus regarding accessibility and accommodations issues throughout the university.

For more information, visit Disability Services located in Student Center East, Suite 205, call 404-413-1560 (TTY) or 404-413-1564 or visit the Disability Services website disability.gsu.edu.

1515 Educational Opportunity and TRIO Programs

The office of Educational Opportunity and TRIO Programs is one of the university's primary vehicles for outreach to the greater Atlanta community. The office serves as the coordinating body for a variety of programs designed to provide access to educational opportunities and increase retention and graduation rates, as well as prepare students for graduate study. Among its current programs are the Educational Opportunity Center, Educational Talent Search, Student Support Services, Student Support Services (Science, Technology, Engineering and Mathematics), Atlanta-Gwinnett Upward Bound, DeKalb Upward Bound, Math-Science Upward Bound and the Veterans Upward Bound Program. For additional information, visit the website oeo.gsu.edu or call 404-413-1690.

Student Support Services (SSS), a federally funded program within the office of Educational Opportunity and TRIO Programs, is designed to increase the retention and graduation rates of undergraduate college students who are first generation, demonstrate low income or have documented disabilities. The college experience is enhanced for all SSS participants by providing individualized academic assessments; academic, personal, career and financial aid counseling; tutoring; workshops dealing with academic, personal and career issues; cultural events and workshops; a computer lab with free prints and copies; and advocacy. SSS participants are also eligible for financial assistance in the form of grant aid and scholarships. All services are aimed at increasing the student's academic success. Students interested in becoming a Student Support Services participant may contact the office in Sparks Hall, Suite 145, call 404-413-1680 or visit the SSS website at oeo.gsu.edu.

Student Support Services (Science, Technology, Engineering and Mathematics) (SSS-STEM), a federally funded program within the office of Educational Opportunity and TRIO Programs, is designed to increase the retention and graduation rates of undergraduate students majoring in STEM fields who are first generation, demonstrate low income or have documented disabilities. The program encourages and prepares the participants to attend professional and graduate schools as well as provides participants with financial assistance in the form of grant aid and scholarships. Some of the services offered to increase the student's academic success include: individual and group tutoring, academic advisement and assistance, financial aid assistance, field trips, supplemental instruction, leadership and professional development

workshops, career exploration and development, computer lab and grant aid. Students interested in becoming a Student Support Services-STEM participant may contact the office in Sparks Hall, Suite 145, call 404-413-1688 or visit the SSS-STEM website at oeo.gsu.edu.

1517 Georgia Career Information Center

The Georgia Career Information Center (GCIC) contractually provides online career exploration tools and up-to-date career information to the citizens of the state of Georgia, primarily in the public schools (K-12) and the technical colleges. GCIC also assists with state-level employment initiatives and agencies by providing career development software solutions. The core tool that GCIC maintains is the Georgia Career Information System, which supports the State of Georgia in meeting state educational mandates with regard to career exploration and planning for students at all grade levels in the public schools. Georgia State University students can access GCIS for career exploration at gcic.gsu.edu.

The Georgia Career Information Center is a part of the University Career Services, which offers to all Georgia State University students, graduate and undergraduate, a wide range of highly supportive personal and professional development opportunities and services. University Career Services is comprised of Employer Relations, Cooperative Education and Internships, Graduate and Professional School Planning, Career Development and the Georgia Career Information Center.

More information is available at gcic.gsu.edu or 404-413-1720. GCIC is located at One Park Place South, Suite 823.

1518 Intercollegiate Athletics

Georgia State University has an intercollegiate athletics program that competes as a member of the National Collegiate Athletic Association (NCAA) Division I Football Bowl Subdivision level and as a member of the Sun Belt Conference. Other members of the Sun Belt include: Appalachian State, Arkansas State, Coastal Carolina, Georgia Southern, Little Rock, Louisiana, UL Monroe, South Alabama, UT Arlington, Texas State and Troy.

Georgia State sponsors 16 sports programs, including baseball, basketball, football, golf, soccer, and tennis, for men, as well as basketball, cross country, golf, beach volleyball, soccer, softball, tennis, track and field and court volleyball for women. Additional participation opportunities for female students will be added in the near future.

Georgia State abides by all rules and regulations of the NCAA and Sun Belt for all athletics competition, and student-athletes must meet all admission and eligibility requirements in order to compete.

Georgia State's athletics teams, known as the Panthers, compete not only against conference opponents but also against other top-ranking teams around the nation. Georgia State teams and individual student-athletes have gained regional and national recognition.

Each Georgia State sport has its own home facility including the converted Georgia State Stadium which was previously Turner Field and home to the Atlanta Braves.

For further information call 404-413-4000 or visit the athletics website at www.GeorgiaStateSports.com. Students are admitted for free to all Georgia State home sporting events.

1519 Leadership Programs

Leadership is a characteristic that serves all students well as they embark on their careers and move forward in their lives. Leadership Programs provides services and programs such as round table discussions and the annual Leadership Conclave. Leadership Programs addresses the needs of experienced as well as emerging leaders. Student organizations looking for specific leadership training for members are encouraged to contact Leadership Programs to set up training sessions.

For more information, visit Leadership Programs located in Student Center West, Suite 475, call 404-413-1588 or visit the Leadership Programs' website leadership.gsu.edu.

1519.10 Greek Life

Involvement in Greek Life at Georgia State University gives students the opportunity to experience leadership development, serve in the local Atlanta and campus community, network with alumni to form career opportunities and make lifelong friendships. In addition, involvement in fraternities and sororities increases students' chances of graduating from college, enhances their overall academic achievement and improves their satisfaction with their college experience.

There are four governing bodies of fraternities and sororities: the Interfraternity Council (IFC), the Panhellenic Council (PC), the National Pan-Hellenic Council (NPHC) and the Multicultural Greek Council (MGC). With more than 30 organizations from which to choose, students can find an organization that provides the experience for which they are looking.

For more information, visit Greek Life located in Student Center West, Suite 475, call 404-413-1582 or visit the Greek Life website greeklife.gsu.edu.

1519.20 Honor Societies and Professional Organizations

Honor societies recognize success of students and can be joined based on year in school, major or involvement. The honor societies on campus consist of both nationally recognized and local organizations. Professional organizations connect students to their desired profession. The professional organizations are often affiliated with national organizations that further broaden the opportunity to connect with others in the profession. Honor societies and professional organizations encourage student excellence in both academic and co-curricular activities.

For more information, visit Student Organizations located in Student Center East, Suite 304, call 404-413-1580 or visit the OrgSync website gsu.orgsync.com or call 404-413-1580.

1519.30 Student Organizations

More than 425 chartered student organizations offer Georgia State University students a wide variety of involvement opportunities. From community service and cultural groups to political and recreational groups, these student organizations reflect a vast array of interests. In addition to providing students with a connection to others with like interests, active involvement in student organizations also offers opportunities for students to gain valuable leadership skills by serving as an officer or planning events and programs. A listing of all chartered student organizations as well as the requirements to charter new groups can be found online.

For more information, visit Student Organizations located in Student Center East, Suite 304, call 404-413-1580 or visit the OrgSync website at gsu.orgsync.com.

1520 Multicultural Programs and Services

1520.10 Leadership Academy

Located on the Clarkston campus, this program is designed to improve retention and graduation rates among undeserved student groups. The Leadership Academy provides academic support, personal support and development, opportunities to earn scholarships and other experiences shown to help support the success of African American males in college. Student interested in learning more about this program should contact the Leadership Academy at 678-891-3737.

1520.20 Multicultural Center

The Multicultural Center promotes cross cultural interactions, awareness, communication, dialogue and mutual learning through engaging activities. The programs offered allow individuals from different cultural backgrounds and social identities to engage in meaningful experiences that assist in building a culture of care.

Programs and events include Heritage and History Month recognition events, Martin Luther King, Jr. Commemoration, community office hours, book discussions, classroom presentations on multicultural and diversity topics and conversations on contemporary social concerns. The Multicultural Center has a Multicultural Programming Council and a library of books, videos and training resources. In addition, the Panther Ambassadors for a Culturally Competent Campus (PAC3) Ambassadors are a group of student leaders who work in collaboration with the Multicultural Center and University Housing to raise cultural competence on campus.

For more information, visit the Multicultural Center located in Student Center East, Suite 206, call 404-413-1584 or visit the Multicultural Center website at multicultural.gsu.edu.

1522 Religious Activities

The Council of Interfaith Concerns is a coordinating body for the religious organizations at Georgia State University. It meets regularly to plan and implement interfaith programs and activities, sponsors special worship services throughout the school year and provides a resource for those interested in learning about religious ministry on campus. Catholic, Jewish and Protestant chaplains are available through the council; contacts and referrals from students, faculty and staff are welcomed.

For more information, visit the Council of Interfaith Concerns located in Student Center West, Suite 452.

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 ombuds.gsu.edu/.

1526 Recreational Services

Recreational Services promotes healthy lifestyles through exceptional programs, services and facilities. Three facilities within Recreational Services include the Recreation Center and two off campus facilities, Indian Creek Recreation Area and Panthersville. The Recreation Center is a four-story, award winning, 161,000 square foot facility available to Georgia State University students, faculty, staff and alumni. The facility includes a game room with billiards, darts, table tennis, foosball, air hockey and Wii games, a 35-foot climbing wall and bouldering cave, racquetball courts, a squash court, basketball courts, a multi-sport auxiliary court, two weight rooms with cardio, selectorize weight machines and free weights, an indoor track, an aquatic center with lap pool, spa, sauna, sundeck and wet classroom, three studios for aerobics/dance, martial arts and indoor cycling/yoga, an outdoor equipment rental shop, a vending area and a 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. Registering for programs and services, purchasing memberships and obtaining general information are all available at the service counter. All first time users must complete an online waiver. A current, validated PantherCard is required for entry into the facility, participation in any recreation activity and all rentals.

The Indian Creek Recreation Area (ICRA), a 16-acre wooded site in DeKalb County, is host to the Indian Creek Lodge that is available for use, for a fee, by chartered university student organizations and departments for retreats, parties and meetings. Recreation members can also rent the facility for personal events, pending approval. The ICRA offers a challenge course with three zip lines and multi-tiered ropes

course that is perfect for team building initiatives. The property also includes a large event lawn, a large outdoor swimming pool for use during the summer, a sand volley ball court and picnic areas.

Located on a 100-acre site in southern DeKalb County, the Panthersville Recreation Complex provides lighted playing fields and other accommodations for sport clubs, intramural activities and varsity athletic competitions.

Recreational Services offers a wide variety of programs that serve a diverse student body including aquatics, instructional clinics, fitness classes, personal training, nutritional counseling, outdoor adventure, intramural competition, sport clubs and drop in play. Supported by student fees, many of the programs are free of charge; however, those with a fee are very reasonably priced. Whether you enjoy a playing flag football, skiing in Colorado or learning to salsa, there is a program for you.

Information is available in Recreation RAP-UP, available every semester.

For more information, visit Recreational Services located in the Recreation Center, Suite 200, call 404-413-1750 or 404-413-1780 or visit the Recreational Services website recreation.gsu.edu.

1529 Student Health Clinic

The Georgia State University Health Clinic is staffed by university employees including: a full-time medical director, a full-time physician, three full time advanced practice clinicians and one half-time advanced practice clinician, a full time RN, three full time medical assistants, a full time business manager who is shared by all campuses, three full-time medical secretaries, a part-time registered dietician and a full time immunization coordinator who is shared by all campuses. Clinical services are provided by experienced health care providers who provide triage, evaluation and treatment of medical problems. Currently registered students are eligible to receive services.

Physical exams, including women's health services, are offered as well as the following services:

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.

Sports medicine: Sports participation physicals are provided free, and minor injury care is provided.

Women's health: Appointments for gynecological exams, PAP smears (for a fee) and birth control advice are available and contraceptive pills and shots can be purchased. Also provided for a fee are emergency contraception services and pregnancy tests. Prenatal care is not provided.

Health education: A variety of topics and media are offered such as substance use risk reduction, healthy sexuality, violence prevention, tobacco cessation, nutritional advice, healthy lifestyles brochures and videos and presentations to groups.

Prescriptions dispensed: 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.

Immunizations: All shots and laboratory tests needed to complete the immunization requirement for registration (Board of Regents policy) are available at the clinic. Vaccinations and tests provided include: MMR, Rubella, Meningitis, Hepatitis A and B, Tetanus/Diphtheria, Varicella (chickenpox) and PPD (tuberculosis) skin tests. Allergy shots are provided only after a consultation visit with the doctor, along with a previous diagnosis and prescription of serum from an allergy specialist.

Travel clinic: The clinic offers many travel vaccines and prescriptions.

Laboratory tests: Most tests are available at deeply discounted prices. A few examples are: urinalysis, urine culture, throat culture, thyroid panel, lipids (cholesterol) panel, gonorrhea-chlamydia probe, HIV blood test and pregnancy tests.

Electronic medical records: Electronic medical records system and students are able to obtain several services online. This includes making appointments, accessing medical records and communicating with clinic staff. This improvement in technology allows better service to students and enhanced decision making by clinic management.

Urgent care: After hours phone access to mental health crisis consultants is available to both commuter and residential students. After hours phone access to medical consultants is also available to commuter and residential students. Enhancements to services also provide coordinated medical, mental health and administrative urgent care in an integrated system designed to foster student retention and success.

Medical nutritionist: A nutritionist provides best practice intervention for a range of diagnoses. These efforts are consistent with the mission of education and prevention as strategies for intervention.

Prescription access: Students have access to some of the most frequently prescribed medications, including antibiotics and blood pressure medication, through the student health clinic for a co-pay of less than $10.00.

For more information, visit the Student Health Clinic located in 141 Piedmont Avenue, Suite D, call 404-413-1930 or visit the Student Health Clinic website health.gsu.edu.

1530 Student Government Association

As the representative body for students at Georgia State University, the Student Government Association promotes student self governance and enables elected students to express the opinions of their fellow students. The university adheres to the philosophy that student representation within the larger university structure is a catalyst for student growth and development. The Student Government Association Senate meets every other Thursday during the fall and spring semesters at 7:15 p.m. on the fourth floor of Student Center West. Services provided by the Student Government Association include free blue books and scantron forms (limit two per day), local facsimile use (one per day), free black and white copies (10 per day) and local phone use. A listing of open positions and information on elections is available online.

For more information, visit the Student Government Association located in Student Center West, Suite 450, call 404-413-1600 or visit the Student Government Association website sga.gsu.edu.

1534 Student Center

The Student Center is a place where students can study, grab a bite to eat or hang out with friends; it is a place where all students can feel welcome. The Student Center is comprised of two buildings: Student Center East and Student Center West. The Student Center is home to many campus traditions, large scale programs and student services. Meeting rooms and event spaces provide places for students to experience quality programs aimed at enriching the Georgia State experience.

Numerous offices and programs that promote student growth and development, enhance academic success and connect students with the university community are located in the Student Center. Each building houses an ATM, food court, courtesy cell phone charging stations, lounges and comfortable seating. Student Center East houses Disability Services, the Dean of Students office, Information Center, staffed to help students navigate the facilities. Student Center West Student Government Association, Student Media and Campus Tickets where students can purchase tickets to popular campus programs, advance movie screenings and special Georgia State programs around Atlanta. Student Center West is connected to the Bookstore Building, which also houses Campus Services (Bookstore, PantherCard and Parking).

For more information, visit the Student Center Information Center located in Student Center East, first floor, call 404-413-1850 or visit the Student Center website studentcenter.gsu.edu.

1534.10 Student Programs

Spotlight Programs Board is a university sponsored student-driven organization that coordinates activities to enhance and enrich the quality of student life at Georgia State University. Spotlight addresses the needs and interests of its diverse student body by providing social, cultural and educational events on campus. Most events are free and open to the Georgia State University community and include concerts, movies, speakers, novelty events, exposure to local Atlanta attractions and much more. Spotlight also oversees Cinefest, a 133-seat theater used to show blockbuster, independent and cult classics films free to students. Spotlight coordinates the art exhibits in the gallery lounge on the 3rd floor of Student Center East, a place for students to exhibit their work in a gallery setting while learning to curate their own shows.

Spotlight Programs Board brings a variety of quality educational, enrichment and entertainment programs to the Georgia State community, including the Distinguished Speakers Series, Panther Prowls, Homecoming festivities, Courtyard Music Series, Campus Movie Fest, Georgia State Nights at local Atlanta attractions and both small and large scale concerts, such as Pantherpalooza.

Spotlight Programs Board is always looking for committee members to assist with the planning programs as well as volunteers to help with events throughout the year. Stay connected with Spotlight through Twitter, Facebook and Instagram.

For more information, visit Spotlight Programs Board located in Student Center East, Suite 314, call 404-413-1610 or visit the Spotlight Programs Board website spotlight.gsu.edu.

1534.20 Student Media

All students are invited to become involved with the student media organizations on campus. Whether it is music, writing, reporting, editing, producing videos, photography or just great experience and friendships, these organizations offer something for everyone.

GSTV, the student-run television station, streams its content live on its website, www.gstvonline.org. Students interested in TV editing and production are encouraged to volunteer. GSTV is located in Student Center West, Suite 251.

Album 88 (WRAS) is the student radio voice of Georgia State. It has won local and national awards for its cutting edge format. Student programming is featured on WRAS-FM/HD-1 from 7 p.m. – 5 a.m., 24/7 on WRAS-HD-2 and online at www.wras.org. Album 88 is located in Student Center West, Suite 271.

The Signal is the university's student newspaper, which serves as a learning workshop and source of journalistic, marketing and photographic skills. The Signal is published every Tuesday during the fall and spring semesters. Current issues can be found in over 50 locations on campus. Read online at georgiastatesignal.com. The Signal is located in Student Center West, Suite 250.

New South and **Underground** are the university's literary magazines edited by students and showcasing literary and artistic contributions from across the country. Both organizations also stage on and off campus readings from Georgia State students throughout the year. Underground focuses on the publication of poetry, literature and photography produced solely by current Georgia State University students. The New South office is located in Langdale Hall, Suite 946, and the Underground office is located in Student Center West, Suite 456.

For more information, visit Student Media located in Student Center East, Suite 310, call 404-413-1592 or visit the Student Media website studentmedia.gsu.edu.

1536 University Career Services

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

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

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

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

The **Cooperative Education and Internships** program helps students prepare for in-depth co-op and internship learning experiences, which build skills and strengthen students' competitiveness for future opportunities. The program also works with colleges and employers in supporting their co-op and internship initiatives. The Co-op Program is the formal hub for the Georgia State University Cooperative Education initiative.

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

Résumania is a walk-in résumé and c.v. review service, available Tuesday through Friday, 9 a.m. to 3 p.m. No appointment is needed and students are seen on a first-come first-serve basis. During walk in hours, students may work on their resumes and cover letters, ask questions regarding major selection, job search and related career questions.

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

For more information on career counseling, career assessment, career exploration, graduate and professional school planning, internship and career opportunities, and job search support, visit the central office of University Career Services in 270 Student Center West or call 404-413-1820 or visit the website at career.gsu.edu.

1538 University Committees

1538.10 University Senate Committee on Student Life and Development

The University Senate Committee on Student Life and Development is a joint student, faculty and staff committee that advises and make recommendations to the vice president for student affairs concerning matters relating to student organizations and the following student programs and services: student activities, student conduct, recreation, housing, student media, orientation, leadership, student facilities, volunteerism, disability services, multicultural center, health services, career services and honors and awards.

For more information, visit the Senate website senate.gsu.edu/committees/student-life-development.

1538.20 Student Activity Fee Committee

The Student Activity Fee Committee, including nine fee councils, is comprised of students, faculty and staff members. The committee is responsible for reviewing requests for funds generated by the Student Activity Fee and making recommendations for the allocation of those funds to the dean of students.

For more information, visit the Division of Student Affairs
website: studentaffairs.gsu.edu/student-activity-fee.

1538.30 Committee on Student Communications

The Committee on Student Communications is an advisory committee to the vice president for student affairs and has decision-making responsibility in relation to the business of and annual budget allocations for all student-operated media. Its primary functions are to interview candidates to fill the editorial and managerial positions for each of the student-operated media, make recommendations for general policy to the vice president for student affairs and resolve disputes between members.

For more information, visit the Student Media website at studentmedia.gsu.edu/csc.

1538.40 Student Technology Fee Subcommittee

The Student Technology Fee (STF) Subcommittee of the Senate Committee on Information Systems and Technology (IS&T) meets annually to review proposals for expenditures of monies from the Student Technology Fee and makes recommendations for allocations to the Fiscal Advisory Committee to the President.

For more information, visit the Technology Solutions website at solutions.technology.gsu.edu and the Senate website at senate.gsu.edu/committees/fiscal-advisory-committee-to-the-president.

1540 University Housing

Housing accommodations are available in the Georgia State University Commons, University Lofts, Patton Hall, Piedmont North and Greek Housing. These residence halls offer a variety of lifestyle living options.

The University Commons houses approximately 2,000 Georgia State students and 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 and 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. Each floor includes a study or community lounge space, and each building has a fully equipped laundry facility, community offices and mail room. The University Commons is home to all of the Living-Learning Communities, specifically in Hall A and Learning Center in Hall D. This complex includes covered parking spaces, the 911 center for the university, a police substation, a convenience store, the Student Health Clinic and a MILE computer lab for university classes.

The University Lofts residence hall houses approximately 550 residents and is primarily an upper-classman, undergraduate apartment style residence hall. The Lofts are fully furnished loft style apartments that blend urban style with modern day conveniences. There are studios and one, two and four bedroom apartments. The apartments include living areas, private and shared bedrooms, a full bath for every three residents and a full kitchen with a refrigerator, dishwasher and stove with oven. The Lofts community spaces include an activity lounge, multipurpose room, laundry room and the Lofts Learning Center and classroom. Lofts resident parking is managed by Campus Services and is available at an additional monthly cost.

Patton Hall offers one and two person rooms that are adjoined by a full bathroom. Students are provided with a furnished room, including a bed, desk, chair and closet. This residence hall offers a comprehensive first year experience student program and a state of the art, all you can eat dining facility. A meal plan is required for students who reside in Patton Hall.

Piedmont North is a traditional, suite style residence hall. Students share a bedroom and a bathroom. Similar to Patton Hall, a state of the art, all you can eat dining facility is also located in the hall, and a meal plan is required for all students in Piedmont North. Students may use their meal plan at either location. Student rooms in Piedmont North are also furnished, including a bed, desk, chair and closet. Piedmont North also offers a comprehensive first year experience student program like Patton Hall. This area includes several community spaces, a courtyard and a learning center.

Piedmont Central opened in August 2016 adding 1,152 beds to our growing university. This new housing facility is part of Georgia State University's continued mission to provide top-quality housing that enhances students' personal and academic development by offering modern, safe and secure facilities and provides opportunities for intellectual and social engagement while promoting meaningful interactions between residents and staff. The new housing will allow Georgia State University to keep up with its significant growth while building a cohesive and unified campus community.

The Greek Housing community consists of four fraternities and five sororities housed in three story town homes, which range in size from nine to 19 beds per unit. Each town home features a spacious living room and kitchen, and all bedrooms are furnished with standard residential furniture. There is a large community center within the complex with mail service and laundry facilities available next door at Patton Hall.

University Housing residence halls are in highly desirable downtown locations that are within minutes of

academic buildings, the Recreation Center, the Student Center and most major attractions in Atlanta. Sign up to live on campus and begin enjoying all the advantages University Housing has to offer. All University Housing residence halls meet all requirements of the Americans with Disabilities Act.

Housing costs for all facilities include rent, furniture, all utilities, wireless internet in specific building areas, basic cable television and internet connections. To maintain safety and security, all residence halls have card key access, camera systems, security staff and operate a guest check in process.

For more information, visit University Housing located in 75 Piedmont, Suite 110, call 404-413-1800 or visit the University Housing website myhousing.gsu.edu.

1542 Off Campus Housing

The Dean of Students has partnered with an off campus housing website to provide students with a tool to find a place to live off campus and search for a roommate. Because the Dean of Students office does not approve, inspect or assume responsibility for those facilities listed on the off campus housing website, it is strongly recommended that a visit be made to the apartment or home prior to making lease or rental arrangements. If possible, schedule more than one interview with a prospective house share or roommate and always request references.

For more information, visit the Dean of Students located in Student Center East, Suite 303, call 404-413-1515 or visit the Dean of Students website at deanofstudents.gsu.edu/student-assistance/off-campus-living/.

1600 Educator Preparation

The university offers a wide range of educator preparation programs for students who wish to become public school teachers. These programs are administered within the College of the Arts, the College of Arts and Sciences, or the College of Education and Human Development, depending on the program. All undergraduate educator preparation programs are overseen by the Professional Education Faculty, which has membership from the three colleges and is advised by Atlanta-area schools.

The Professional Education Faculty at Georgia State University is accredited by the National Council for Accreditation of Teacher Education (NCATE), www.ncate.org [NCATE has since merged with a second accrediting body to form the Council for Accreditation of Educator Preparation (CAEP)]. This accreditation covers all initial teacher preparation programs and advanced educator preparation programs at Georgia State University. However, the accreditation does not include individual education courses that the institution offers to P-12 educators for professional development, relicensure, or other purposes.

The following **undergraduate** programs are offered by the College of Education and Human Development, the College of Arts and Sciences, or the College of the Arts:

Teaching Field	College of Enrollment
Art: preschool through 12th grade	Arts
Birth Through Five: Infants through Kindergarten	Education and Human Development
Career and Technical Specializations: 7th through 12th grade; nondegree	Education and Human Development
Chinese: preschool through 12th grade	Arts and Sciences
Elementary Education: preschool through 5th grade	Education and Human Development
French: preschool through 12th grade	Arts and Sciences
German: preschool through 12th grade	Arts and Sciences
Health and Physical Education: preschool through 12th grade	Education and Human Development
Healthcare Science: 7th through 12th grade; nondegree	Education and Human Development
Middle Level Education: 4th through 8th grade	Education and Human Development
Music Education: preschool through 12th grade	Arts
Physics: 6th through 12th grade	Arts and Sciences
Spanish: preschool through 12th grade	Arts and Sciences
Special Education: preschool through 12th grade	Education and Human Development

The College of Education and Human Development offers initial certification **graduate** programs in communications sciences and disorders (speech-language pathology), elementary education, educational leadership, English education, English to speakers of other Languages, health and physical education, mathematics education, middle level education, reading specialist, school counseling, school psychology, science education, social studies education and special education.

Educator preparation programs at Georgia State University are field-based; that is, much of the coursework requires structured participation in school settings. Therefore, students must be available for coursework

that will be scheduled during elementary, middle, and secondary school hours, typically 8 a.m. to 3:30 p.m. Students will find it necessary to be free of other obligations during the term of student teaching and will find it highly desirable to have few other commitments during the term in which blocks of coursework must be taken. Blocks are comprised of 6 or 12 hours of coursework, which are taken in the same academic term (i.e., fall semester only) and are field-based. Exit requirements for teacher education are satisfied by successful completion of student teaching. Additional requirements exist for specific programs.

Preparation for Prospective Teachers at the Middle Level (4-8) or Secondary Level (6-12) or of ESOL Students (P-12)

Students interested in applying to a Master of Arts in Teaching program in the Department of Middle and Secondary Education or who wish to explore the possibility of teaching in a content area (gr. 4-8 or 6-12) or in English as a Second Language classrooms (ESOL, preschool -12) are encouraged to take pre-education courses such as the following as part of their undergraduate preparation: EDCI 3250 Introduction to Teaching in the Secondary School; EDLA 3200 Topics in Middle Grades Language Arts; EDLA 3230 Special Topics in the Middle Level Literature Curriculum; EDLA 3240 Special Topics in the Middle Level Composition Curriculum; EDMT 3350 Topics in Middle Grades Math; EDMT 3420 Special Topics in the Middle Level Mathematics Curriculum; EDSC 3250 Topics in Middle Grades Science; EDSS 3400 Topics in Middle Grades Social Science and History; EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities; or LT 3210 Teaching, Learning, and Technology Integration.

General information for preparing to teach in these areas can be found below. For more information on specific program admission requirements for the various M.A.T. programs in the Department of Middle and Secondary Education, see those program descriptions in the Georgia State University Graduate Catalog.

English to Speakers of Other Languages (ESOL) Education (P-12)

Prospective teachers of ESOL students in Georgia may choose any major but should complete at least two sequential semesters of a foreign language. Courses in applied linguistics and English grammar are also encouraged. Upon completion of an undergraduate degree, students should apply for the M.A.T. in English to Speakers of Other Languages (ESOL) Education which leads to certification as an ESOL teacher (P-12) and a reading endorsement.

Middle Level Education (4-8)

Prospective teachers of middle level education (MLE) level should focus on two content areas, either Language Arts, Mathematics, Science, or Social Studies as part of their undergraduate preparation.

- For language arts education, students should complete 12 hours of English courses with at least 6 hours of upper division coursework. Within their undergraduate program, students should address the following areas: children's literature, grammar, composition, and literature or folklore.
- For mathematics education, students should complete 12 hours of mathematics courses with at least 6 hours of upper division coursework. Within their undergraduate program, students should address the following areas: geometry, algebra, number theory, and probability/statistics.
- For science education, students should complete 12 hours of science courses with at least 6 hours of upper division coursework. Within their undergraduate program, students should address the

following areas: biology, physical science, and earth/space sciences.
- For social studies education, students should complete 12 hours of social studies courses with at least 6 hours of upper division coursework. Within their undergraduate program, students should address the following areas: geography, world history, Georgia history and U.S. history.
- 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 (Language Arts, Mathematics, Science, and/or Social Studies).
- 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 (biology, chemistry, earth/space science, or physics), or Social Studies (economics, geography, history, or political science) at the middle and secondary level should major in Arts and Sciences in the concentration in which they would like to teach. Certification in physics is available within the B.S. in Physics program in the College of Arts and Sciences. For all other fields students should apply to the appropriate Master of Arts in Teaching (M.A.T.) program in the College of Education and Human Development upon completion of an undergraduate degree.

1605 Entry into Teacher Education

Admission to Georgia State University and to the College of Arts and Sciences, the College of the Arts, or the College of Education and Human Development (as indicated above) is prerequisite to entry into teacher education. The minimum criteria for entry into teacher education are listed below.

- Unless otherwise specified in specific program requirements, students must have successfully completed Area A (Essential Skills) of the undergraduate core curriculum with a grade of "C" or higher for each course and demonstrated competence in mathematics and science by successfully completing Area D (Science, Mathematics, and Technology).
- 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 have successfully completed EDUC 2110 Investigating Critical & Contemporary Issues in Education with a grade of "C" or higher.
- Students must present passing scores on the GACE Program Admission Assessment or demonstrate an exemption upon application to an initial educator preparation program.
- Students interested in teacher education are encouraged to take the GACE Program Admission Assessment within their sophomore year or as soon as they complete Area A of the undergraduate core curriculum. For more information see the College of Education and Human Development website: education.gsu.edu/admissions/graduate-admissions/gace-and-educator-ethics/
- Students must complete the Georgia Educator Ethics Assessment – Program Entry (350). For more information see the College of Education and Human Development website: education.gsu.edu/admissions/graduate-admissions/gace-and-educator-ethics/.
- Students must complete a separate application for entry to teacher education programs. Application

requirements are available at education.gsu.edu/admissions/undergraduate-admissions/.
- Students will need to have Tort liability insurance for field placement and field experiences. More information is available at http://education.gsu.edu/files/2013/08/Tort_Liability_Info_Form.pdf.
- 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.

1610 Educational Field Experiences and Student Teaching

Classroom Observations

Prior to acceptance into a teacher education program, students enrolled in courses which require observation experiences in a school setting will complete the online application for observation placements.

Prior to completing the online application, students must complete a criminal background check through the university-approved vendor. Instructions for the background check are provided at education.gsu.edu/student-services/office-of-field-placements/criminal-background-checks/.

Students can access the online application at education.gsu.edu/student-services/office-of-field-placements/classroom-observations/.

If the course requires the student to complete an observation in a community setting as designated by the course instructors, students do not need to submit an observation application to the Office of Field Placements and may manage their own placement request.

Policy Regarding Tort Liability

Teacher education and counseling students are required to purchase tort liability prior to placements in field experience courses, practica, or student teaching. Students will be expected to show proof of coverage to program coordinators/supervisors prior to field placements.

Educational Field Experiences and Student Teaching

Educational field experiences and student teaching are clinical in nature. They are designed to complement the humanistic, behavioral, and pedagogical studies in teacher education and to offer experiences in a variety of settings.

At the baccalaureate level, a sequence of clinical and field experiences is planned to complement the professional education courses included in the students programs of study.

The Opening School Experience provides practical experience in the school and classroom setting during the week of preplanning and the first week of school. Students learn effective procedures necessary for setting up a classroom at the beginning of the year. This takes place at the beginning of the students' senior year prior to the student teaching experience. Students in early childhood education and health and physical education must apply for this experience in advance and must register for the course during early registration of the fall term of the year in which the experience takes place. Students should check with their departments for the deadlines to apply for their Open School Experience.

Student teaching is the culmination of the clinical field experiences. Student teaching involves full participation by the students for at least one full academic term. Because student teaching constitutes a full load of academic credit, it is recommended that the students attempt neither regular employment nor other courses during the term of student teaching.

To be eligible for enrollment in student teaching, students must be admitted to teacher education and have:

- successfully completed the specific required courses of the program;
- earned an overall grade-point average no less than 2.50 (2.75 for birth through five and elementary education majors) the term prior to the student teaching experience;
- earned a minimum grade-point average of 2.50 (2.75 for birth through five and elementary 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.) Elementary Education and Middle Level Education majors must earn a grade of "B" or higher in majors courses specified in the program of study.
- must complete the requirements to obtain a **Pre-Service Certificate** through the Georgia Professional Standards Commission which includes a criminal background check and the ethics module.
- will not be able to begin their field placement(s) until they receive their Pre-Service certificate number from the GaPSC and provide proof to the Office of Field Placements.

The Professional Education Faculty believes that all students who are in field experiences must be personally and psychologically equipped as well as academically prepared. Students may be denied entry to field experiences based on departmental prerequisites or the professional judgment of faculty based on observed performance and behavior. This policy is based on the premise that educators should be part of the evaluation of the students' ability to function adequately and safely in classrooms and that educators have a right and responsibility to make such judgments prior to placing students in schools.

The practicum or student teaching supervisor has the authority to withdraw students from their classroom experience if their performance constitutes a detriment to the children in the class. If such removal is necessary, students will be given an F in each corresponding course.

Applications and deadlines for student teaching are posted at education.gsu.edu/student-services/office-of-field-placements/.

Failure to submit applications on or before prescribed deadline dates will result in a delay of one or more terms in student teaching or practicum placement. Further information regarding educational field experiences, practicum, and student teaching experiences for each major is available from the appropriate department in the College of the Arts, College of Arts and Science or the College of Education and Human Development.

An additional lab fee of $125 will be charged at the time students register for the student teaching experience. Educator preparation students must be aware that extra costs such as tort liability and transportation will be incurred at various times during the completion of the various teacher education field experiences, particularly during the students' senior year.

Final Student Teaching Seminar

At the completion of the student teaching semester, all students who are eligible for certification must attend a final seminar to complete all requirements. Information concerning this seminar will be sent to the students.

Continuing Duty to Report Criminal Events

In addition to the continuing duty Georgia State University students have to report criminal events that occur after application to the University per the Georgia State Student Code of Conduct, students enrolled in educator preparation programs or in education coursework requiring field-based experiences must (1) report to the Office of Field Placement any criminal events described below that occur after the criminal background check required for field placements was conducted (notice to Office of Field Placement must be made within 72 hours of the student's notice of the event); (2) consent to a new criminal background check; and (3) provide written consent for the release of the criminal background report and all information about the criminal event to any field placement site at which the student is currently student teaching or at which Georgia State attempts to place the student in the future. Failure to comply with the notice requirement described herein may result in sanctions up to and including immediate withdrawal from the University. Failure to comply with the criminal background check and release of information requirement described herein will result in immediate removal from all current field placements and courses and denial of future requests for field placement.

1. Conviction of a crime other than a minor traffic violation.
2. Criminal charges filed against the student.
3. Entering a plea of guilty, a plea of no contest, a plea of nolo contendere, an Alford plea, or a plea under any first offender act in response to charges filed against the student.

Criteria on Academic and Professional Integrity

The College of Education and Human Development is committed to upholding standards of academic and professional integrity. These standards require that students enrolled in undergraduate and graduate programs within the College of Education and Human Development adhere to both the University's Student Code of Conduct as described online at codeofconduct.gsu.edu/as well as their individual degree program's Policy on Student Professionalism, Integrity and Retention. Students should contact their department for a copy of their degree program's policy.

1615 Teacher Certification

Teachers and other educational personnel must be certified by the Georgia Professional Standards Commission to be employed in the state's elementary, middle, and secondary public schools. Private elementary and secondary schools may also require state certification for employment.

Completion of Teacher Education Requirements: A requirement for initial certification in Georgia is completion of teacher education requirements. This may be accomplished in one of the following ways at Georgia State University. (Options vary by program.) In all cases, "Entry into Teacher Education" criteria apply.

- Students may complete an approved educator preparation degree program as described in the College of the Arts, College of Arts and Sciences, or the College of Education and Human Development chapter of this catalog.
- Students may complete or present a non-educator preparation bachelor's degree and all additional components of an approved educator preparation degree program.

The College of Education and Human Development offers nine (9) Master of Arts in Teaching (M.A.T.) programs which prepare students for initial certification in the following fields: Elementary Education, English Education, English to Speakers of Other Languages (ESOL) Education, Health and Physical Education, Mathematics Education, Middle Level Education, Science Education, Social Studies Education, and Special Education. The College of Education and Human Development also offers initial certification programs at the graduate level in Communication Sciences and Disorders, Educational Leadership, Reading Specialist, School Counseling, and School Psychology. See the current Georgia State University Graduate Catalog for more information on the university's master's level programs.

1620 University Recommendation

Students who complete a Georgia State University educator preparation program and who present passing scores on the appropriate GACE Content Assessments, Georgia Educator Ethics – Program Exit (360) Assessment, and edTPA may be eligible for the Georgia State recommendation for teacher certification. The College of Education and Human Development's Office of Academic Assistance and Graduate Admissions can issue the recommendation to the prospective teacher shortly after Commencement following the term of completion of requirements. Instructions for applying for certification can be found here: education.gsu.edu/student-services/office-of-academic-assistance/applying-for-certification/certification-requirements/.

1625 Application for Teacher Certification

Prospective teachers must apply for teacher certification. It is the students' responsibility to complete the certification application submission process with the College of Education and Human Development. The Office of Academic Assistance and Graduate Admissions will work with the student to issue the recommendation to the Georgia PSC shortly after Commencement following the term of completion of requirements. Instructions for applying for certification can be found here: education.gsu.edu/student-services/office-of-academic-assistance/applying-for-certification/certification-requirements/.

1630 Georgia Assessments for the Certification of Educators (GACE)

This information is for candidates seeking admission to or enrolled in a teacher preparation program. The state of Georgia requires such candidates to take various GACE and Educator Ethics assessments as part of the educator certification process. These computer-delivered assessments have been developed by the Georgia Professional Standards Commission (GaPSC) and are delivered by the Education Testing Service (ETS). You will take these tests at different times.

Program Admission and Content Assessments:

Program Admission Assessment [Combined Test I, II, and III (700)] is an admission requirement (unless candidate meets qualifications for exemption – scroll down to "Options to Satisfy the Program Admission Assessment Requirement"). When registering for the assessment, program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment.

Content Assessment (different content assessments for each program) tests your content knowledge and is taken after enrollment and prior to program completion. You will receive specific information regarding this test as you near completion of your program (required for certification).

Georgia Educator Ethics Assessment:

Georgia Educator Ethics – Program Entry (350) Assessment is an admission requirement. Completion of this assessment is required for admission, though there is no "Pass/Fail" grade assigned. Program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment.

Georgia Educator Ethics – Program Exit (360) Assessment is taken after enrollment and prior to program completion. You will receive specific information regarding this test as you near completion of your program (**r**equired for certification).

How to Register:

Educational Testing Service (ETS) is the test supplier for the GACE and for the Georgia Educator Ethics Assessment.

Important Step: you must first establish a MyPSC account at the MyPSC website. As you create your account, you will indicate a different "Reason for Testing" specific to the test and your student status:

- **Program Admission** — select ***Reason for Testing #1.*** Program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment.
- **Georgia Educator Ethics – Program Entry (or Program Exit)** — select ***Reason for Testing #7*** (Be sure to review the 4-step registration process on the link provided here: Register for the Georgia Educator Ethics Assessment). Program entry candidates must add your program provider (Georgia State University school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment. **NOTE:** Step #3 of registration — check your email SPAM folder for the email from ETS. Step #4 of registration is tricky — you are now in the ETS portal (not MyPSC) and you must create a new account under "Registration." Choose the option: Test Takers.
- **Content Assessments – Undergraduate students** (or graduate students in Educational Leadership, School Psychology, or Counseling): select ***Reason for Testing #2***
- **Content Assessments – Graduate students** (except in Educational Leadership, School Psychology, or Counseling): select ***Reason for Testing #3*** (students in Educational Leadership, School Psychology, or Counseling select ***Reason for Testing #2)***

1631 edTPA

Teacher preparation candidates will be required to pass an externally scored portfolio assessment (edTPA) to be eligible for certification. This portfolio assessment requires candidates to submit evidence of ability to teach in a subject-specific classroom. Candidates must develop and teach a unit of instruction and then submit materials based on three to five lessons from this unit. The portfolio includes video clips of student-teacher interactions, lesson plans, learner work samples, and candidates' reflective analysis. The cost of the edTPA portfolio submission is $300.00, which will be associated with student teaching courses.

In the event a candidate has passed their student teaching/practica course included in their teacher preparation program but fails to pass edTPA, candidates may be eligible to graduate but not be eligible for certification. Students in this situation may enroll in EDUC 4750 Clinical Experience for one credit hour to participate in a practicum experience to create and implement a unit of instruction and complete a new edTPA portfolio.

1635 Teacher Education Core

The teacher education core is common to all educator preparation programs in the College of the Arts, College of Arts and Sciences, and the College of Education and Human Development. The core is comprised of the following three courses:

EDUC 2110	Investigating Critical and Contemporary Issues in Education
EDUC 2120	Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts
EDUC 2130	Exploring Learning and Teaching

1640 Professional Education Faculty (PEF)

The Professional Education Faculty's primary duty is to promote and facilitate constructive interaction of the members of the Professional Education Faculty, especially along interdisciplinary lines, in the interest of maintaining excellence in professional education programs at Georgia State University.

The Dean of the College of Education and Human Development is the presiding officer of the Professional Education Faculty. The faculty meets at least twice each year, once during Fall Term and once during Spring Term. Quotidian governance of the Professional Education Faculty is conducted by the Professional Education Council, which consists of faculty members elected from the various teacher education areas, faculty members appointed by the Dean of the College of Education and Human Development, students appointed by their departments, and school personnel representing Metro-Atlanta school systems. The position of the Professional Education Chair will be filled in alternative years by (a) a member of the faculty of the College of Education and Human Development and (b) a member of the faculty of the College

of Arts and Sciences or College of the Arts or Perimeter College.

Additional information about the Professional Education Faculty and its activities is available online at http://mycehd.gsu.edu/faculty/resources-policies-forms/.

Conceptual Framework

The Professional Education Faculty's conceptual framework illustrates its philosophies and purposes in regard to effective teacher preparation. The framework builds on the College of Education and Human Development mission statement and includes the Professional Education Faculty's purpose, assumptions guiding our programs, and candidate outcomes. The conceptual framework is described fully at http://mycehd.gsu.edu/faculty/resources-policies-forms/.

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

Office of the Dean

Larry Berman, Founding Dean
Sarah L. Cook, Associate Dean
Jeffrey Portnoy, Associate Dean, Perimeter College

Centennial Hall, Suite 200
100 Auburn Avenue

404-413-5577
honors.gsu.edu

General Information

The Honors College serves high ability students in undergraduate programs of study in the Andrew Young School of Policy Studies, College of Arts & Sciences, College of the Arts, College of Education and Human Development, J. Mack Robinson School of Business, Byrdine F. Lewis School of Nursing, and School of Public Health. Honors courses, sections, dimensions, independent readings/research and theses are taught and supervised by faculty in all colleges.

Purpose

The Honors College was established in 2011 and evolved from the College of Arts & Sciences Honors Program which began in 1975. A major goal of the College is to enhance the quality of undergraduate education and create transformational learning experiences. The Honors College serves eligible students studying across all Georgia State University colleges with undergraduate programs of study including the Andrew Young School of Policy Studies, College of Arts and Science, College of the Arts, College of Education and Human Development, J. Mack Robinson College of Business, Lewis School of Nursing, Perimeter College, School of Public Health, and Institute of Biomedical Sciences.

The Honors College provides the advantages of a small, highly-selective college with the breadth of programs and opportunities of a large research university. The College is open to incoming freshmen, transfer students, and currently enrolled students who meet eligibility requirements. Honors students take small, seminar-based classes and develop mentoring relationships with outstanding faculty members. Honors sections of a number of regular courses, many of which meet core curriculum requirements (Areas A – E), are offered throughout the academic year. In addition, students in the Honors College can enroll in upper division courses, special interdisciplinary courses, and research and write an honors thesis. Students in the college may earn honors recognitions that are noted on their diplomas and transcripts, and pursue additional opportunities such as internships and study abroad experiences to enrich the quality of their education. Honors students may also take advantage of dedicated facilities, a dedicated librarian, priority registration, merit scholarships, graduate and professional school advising, national fellowship and scholarship advising, special travel and study abroad opportunities, and specialized housing in the Honors Living Learning Community in the University Commons.

1700.10 Admission

Admission to the Honors College (Atlanta campus) is competitive. Criteria for admission depend upon student status at the time of application.

Entering Freshmen (Atlanta campus): Admission to the Honors College upon admission to the university is typically limited to the top 5-8% of the bachelor degree-seeking fall freshman class. Entering freshmen should have an outstanding high school grade-point average combined with excellent SAT or ACT score; Honors students usually have a record of meaningful community service, leadership, and/or extra-curricular activity. High school students who are jointly enrolled will also be considered.

Continuing students: Students who were admitted to the Atlanta campus as freshmen but were not admitted to the Honors College at the time of admission may apply to the Honors College once they have completed a minimum of 24 credit hours and have a cumulative institutional GPA of at least 3.5.

Perimeter College Honors students: Perimeter College Honors students transitioning to the Atlanta campus may enter the Atlanta campus Honors College if they are in good standing for the Honors College (i.e., have a cumulative institutional GPA of at least 3.3) and have at least 12 hours of Honors credit.

Other Perimeter College transition students and transfer students: Perimeter College transition students not already in the Honors College and transfer students must have 30 hours completed with a GPA of 3.5 to be considered for admission to the Honors College.

The application for admission to the Honors College will open for submissions on March 1 and close on May 1 each year; applicants will be evaluated based on their completed credit hours and cumulative institutional grade point averages as of the completion of the spring semester. Admission to the Honors College is for the fall semester and is offered on a space-available basis to the most highly qualified applicants. Students who do not meet the minimum academic requirements for admission consideration but wish to pursue Honors course work should contact the Honors College staff.

1700.20 Academic Resources & Services

National Scholarship and Fellowship Advisement

The Honors College encourages students to pursue national fellowships and scholarships, such as the Rhodes, Truman, Goldwater, Fulbright, and Gilman awards, by working early in their studies with the College's Office of National Scholarships and Fellowships. Students seeking to distinguish themselves work with the office to determine appropriate scholarship opportunities, identify resources and engage in experiences designed to make them nationally competitive and prepare them for a lifetime of achievement. The Honors College offers a variety of programs to help student compete for these national awards.

University Assistantship Program

First-year students have an opportunity to apply to the University Assistantship Program (UAP). The UAP provides $2,500 each year for four years to students involved in faculty-mentored research or creative work. In line with students' educational and career goals, the program matches students with faculty

members or staff in relevant offices. The award is contingent on satisfactory performance in the placement and good standing in the Honors College.

Internships and Study Abroad

The Honors College offers internships both locally and through the London Experience in London, England. In London, opportunities are available for internships in government, public relations, fashion, risk/reward management, government relations and public affairs, film and video, business administration, and private wealth management. The College also offers a variety of other internships and works individually with students to identify internship opportunities. Internship opportunities are open to students from all majors.

DISCOVERY

The Honors College publishes DISCOVERY, an undergraduate research journal that showcases Honors College students' research and creative works. The journal is published annually in hard copy and online at ScholarWorks@GeorgiaStateUniversity. Co-edited by faculty and students, all submissions are peer-reviewed and accepted for review throughout the year.

Herndon Human Rights Initiative

The Herndon Human Rights Initiative recognizes the legacy of Alonzo F. & Norris B. Herndon in the modern civil rights movements. The Initiative sponsors an annual experimental, research-based course that culminates in a university and community presentation. The Initiative also funds Herndon Scholarships for students with demonstrated participation in research, creative work, or service in support of human rights.

Accelerated Bachelor's/J.D. program

Students who enter the college with at least 15 credit hours from high school may be eligible for the Accelerated Bachelor's/J.D. degree program. Credits from high school typically come through programs such as Advanced Placement, International Baccalaureate, or dual enrollment. Eligibility is subject to approval by the program coordinator in the Honors College as well as by the Office of Admissions in the College of Law. Students must complete all of the course requirements for their undergraduate major (not including non-major electives) as well as submitting a statement of interest to the Honors College program coordinator. Students will also need to take the LSAT and complete the College of Law's application process. Students will be classified as undergraduates during their first year in the College of Law and will earn their bachelor's degree when they successfully complete all first-year law courses, typically at the end of their fourth year. Credits earned during the first year of law school can be used to fulfill upper-level elective and residency requirements for the bachelor's degree.

Technology

The Honors College maintains a computer lab with PCs, Macs, and areas for working on laptops. Students can print at reduced rates in the lab. All computers and software are routinely upgraded.

Study Lounges, Project Rooms, Kitchen, and Lockers

The College has three study lounges throughout the college, conference rooms, a group study room, lockers, and a dedicated student kitchen.

1700.30 College Academic Regulations

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.

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.

1700.40 Degree Requirements

The Honors College does not confer a degree. Students earn their degree through the college in which their program is situated. Students in the college may earn honors recognitions that are noted on their diplomas and transcripts.

1700.45 LEAD with Honors Certificate

The Honors College Certificate in Leadership is a three-year program that develops small cohorts of Honors College students into tomorrow's change agents through the practice of leadership principles and group dynamics. Students apply as rising sophomores and are accepted in cohorts of no more than 20. Cohort members each complete 16 credit hours over the course of the program, including an honors seminars, an honors course in leadership and group dynamics, and a leadership practicum experience.

Program Requirements: The Lead with Honors Certificate requires the following courses to be taken in sequence starting fall semester of a student's sophomore year. Deviations from the sequence are not permitted due to the cohort structure of the program. Each cohort takes one class each semester.

Sophomore Year

- HON 2000 Introduction to Lead with Honors (1 credit)

- PSYC 4650 Leadership & Group Dynamics (3 credits)

Junior Year

- HON 3000 Lead with Honors Seminar (3 credits)
- HON 3280 Honors Service Learning (3 credits)

Senior Year

- HON 3500 Lead with Honors Internship (3 credits)
- HON 4300 Lead with Honors Senior Practicum (3 credits)

Thrive Events

In addition to certificate courses, students are required to attend five Thrive events each semester beginning in the spring semester of the sophomore year. Thrive is designed to create meaningful connections that enhance, expand, and engage the cultural and intellectual life of the LEAD cohort. Students in LEAD with Honors are required to attend 25 events over the course of cohort participation. Each event must be unique and not duplicate the content of another. Thrive events are divided into three categories requiring 8-9 events each over five semesters:

Imagine — Get to know your world; attend a speakers series, named scholar lectures, Rialto events, conferences, etc.

Engage — Interact with others and experience your world; participate in Touch the Earth, community service, etc.

Achieve — Take a leadership role in an event that serves the Honors College, Georgia State Community or Atlanta Community

Each semester students will receive a calendar of Thrive-eligible events at Georgia State in each category. Students will document attendance at events by submitting a reflection and photo from the event. The photo must include the student at or participating in the event.

Students are encouraged to attend events in the Atlanta community and beyond that enhance their cultural and intellectual knowledge. As such, students may opt to attend events other than those listed on the Thrive-eligible calendar. However, students are limited to two of these events each semester or ten total. Each non-GSU event must be approved by the program director before it will count towards the Thrive requirement.

1700.50 Honors Recognitions and Requirements

Students may choose to work toward any or all of three formal recognition levels. These are recorded on transcripts and on diplomas and acknowledged at graduation. Honors recognitions require 3.3 grade-point averages overall and in honors coursework. No courses with grades of D or F may be applied toward the satisfaction of the requirements for honors recognition. All incoming freshmen honor students are required

to enroll in Honors 1000, a one-hour seminar that introduces students to research-based academic work in the disciplines.

- **Honors:** Granted to students who complete at least 12 credit hours of coursework in lower-division honors classes at Georgia State University (in addition to Honors 1000). The 12 hours of lower-division coursework (1000 and 2000 level courses) must be in classes selected from at least three major areas of study with no more than two classes in any one area. Many of these courses can fulfill core requirements (Areas A – E).
- **Advanced Honors:** In addition to fulfilling the requirements for Honors, Advanced Honors are granted to students who complete at least 12 semester hours of honors coursework at the upper division level (3000 ad 4000 level courses), plus two upper-level honors interdisciplinary seminars, for a total of 18 hours of upper-level courses. Three semester hours of thesis research work (4870), nine hours of honors dimensions, and nine semester hours of graduate courses may be applied toward this recognition.
- **Research Honors:** Granted to students who complete the requirements for Advanced Honors **and** an honors thesis, including at least six semester hours and not more than nine semester hours of honors research and thesis coursework.

1700.60 Office of Academic Advising

Academic Advisement

The Honors College provides the following services each semester to active Honors students:

- Academic advisement and honors course selection
- Review of AP credit and IB credit and how the credit applies to academic program
- Review of all honors credit and requirements for Honors recognition at graduation

Honors students are advised on an appointment basis. To schedule an appointment with an honors academic advisor, call 404-413-5577. Students are urged to arrange for advisement in their departments and in the Honors College regularly and well in advance of registration to take full advantage of honors offerings. Students should also meet with their academic advisor in the University Advisement Center and as they advance, with their college's Office of Academic Assistance.

1700.70 Student Complaints, Petitions, Policy Waivers and Variances, and Appeals

The appeals procedure for students in the Honors College will follow different courses depending on the nature of the student's appeal. Please refer to University Information Section 1050.80 under Policies and Disclosures in this catalog or visit enrollment.gsu.edu/assistance for details.

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
Sally Wallace, Interim Dean
Ann-Margaret Esnard, Associate Dean
Cynthia Searcy, Assistant Dean

2010.10 Purpose

Changing the World: One Student at a Time, One Idea at a Time.

The Andrew Young School of Policy Studies strengthens communities across the globe through policy research, scholarship, public engagement, and the development of leaders.

The school is committed to quality education, offering a variety of academic undergraduate and graduate degree programs as well as nondegree training programs. It engages in basic and applied research and outreach addressed to the ongoing management of policies and programs, as well as effective delivery of human welfare services. The school houses several prestigious research centers focusing on the practical needs of governmental, nonprofit, and private-sector organizations in Atlanta, the state of Georgia, and the broader national and global communities. Degree programs in criminal justice and criminology, economics, policy studies, public administration, and social work integrate individual academic career preparation with addressing those needs.

For current information, visit the Andrew Young School of Policy Studies website: aysps.gsu.edu.

2010.20 Accreditation

The Master of Public Administration degree is accredited by The National Association of Schools of Public Affairs and Administration. The School of Social Work is accredited by the Council on Social Work Education.

2010.25 Academic Advisement

14 Marietta St. N. W., Suite G-52
404-413-0021
aysps.gsu.edu/student-resources/oaa/

The Office of Academic Assistance (OAA) supports the school's commitment to quality education in the

field of policy studies by advising seniors and coordinating the recruitment, admission and advising of graduate students. The OAA also serves as the administrative and regulatory office for student programs within the Dean's Office in the Andrew Young School of Policy Studies.

Academic advisement is required of all students in the Andrew Young School of Policy Studies. The school has developed a system of advisement that integrates the Office of Academic Assistance and faculty advisors within the school. Through the advisement process, students learn to identify and use university resources effectively to: satisfy degree requirements; plan programs of study; discover how interests, skills and goals connect to fields of study and careers. The office is open from 8:30 a.m. to 5:15 p.m. Monday through Friday. Walk-in advisement without an appointment is scheduled on Mondays and Thursdays from 2:30 p.m. to 4:00 p.m., and Tuesdays and Wednesdays from 9:30 a.m. to 11:00 a.m..

2010.30 Degrees Offered

Undergraduate and graduate degree programs are offered through the Department of Criminal Justice and Criminology, Department of Economics, Department of Public Management and Policy, and the School of Social Work. Graduate degree programs are listed at the end of this section. The Andrew Young School of Policy Studies offers the following undergraduate programs of study:

Bachelor of Arts

- Major in Economics
- Major in International Economics and Modern Languages
    - Concentrations in: Chinese Language and Society, French, German, and Spanish

  Note: The J. Mack Robinson College of Business offers the B.B.A. degree with a major in Business Economics. (See the "J. Mack Robinson College of Business" chapter of this catalog for program curriculum.)

Bachelor of Interdisciplinary Studies

- Concentration in Social Entrepreneurship

Bachelor of Science

- Major in Criminal Justice
    - Crime and Justice Concentration
    - Legal Track Concentration
- Major in Economics
- Major in Public Policy
    - Concentrations in: Nonprofit Leadership, Planning and Economic Development, and Public Management and Governance

Bachelor of Social Work

2010.35 Study Abroad Opportunities

The Andrew Young School of Policy Studies is committed to providing students the opportunity to study abroad through Maymester/Summer or exchange programs. Currently the school sponsors four Maymester/Summer and four exchange programs:

Maymester/Summer programs:

1. Europe (France, Germany, The Netherlands & Czech Republic): a three-week Maymester program open to all students interested in critical appraisals of different policies, administrative structures and political processes in Europe and the United States. Co-Program Directors: Dr. Greg Streib (gstreib@gsu.edu) or Dr. Cynthia Searcy (csearcy@gsu.edu).
2. South Africa: a three-week Summer program that provides a broad understanding of the workings of the South African economy, its infrastructure, its environment and its governance, as well as the accompanying social issues. Program director – Dr. Glenwood Ross (gross@gsu.edu).
3. Dominican Republic: a 10-day Spring Break program that explores social justice and health disparities from an international, comparative perspective. Program Director: Cyntoria Johnson (cjohnson5@gsu.edu)
4. Salvador, Brazil: a 10-day Spring Break interdisciplinary global seminar that exposes students to key issues facing the legal and healthcare systems of Brazil. Program Director: Cyntoria Johnson (cjohnson5@gsu.edu).
5. Trinidad and Tobago: a Maymester program that explores crime and justice from an international, comparative perspective and examines public policy issues related to crime and violence in developing nations. Program Director: Cyntoria Johnson (cjohnson5@gsu.edu).
6. Ghana: A three-week Maymester program that allows students to delve into the topic of international development and its effects on the challenges of eradicating poverty and helping communities become sustainable. Program Director: Dr. K. Jurée Capers (kcapers@gsu.edu).

Exchange programs:

1. England, Northumbria University: an exchange program for one semester that gives undergraduate or graduate students from any AYSPS degree program an opportunity to take courses in the social sciences. Program Director: Dr. Cynthia Searcy (csearcy@gsu.edu).
2. Lausanne, Switzerland, University of Lausanne Faculté des Hautes Etudes Commerciales: an exchange program for graduate students of economics to gain expertise in the areas of international economies and economic policy through coursework, while living in a new cultural setting. Program Director: Dr. Felix Rioja (frioja@gsu.edu).
3. Istanbul, Turkey, Marmara University: A semester or year-long exchange program between Georgia State and Marmara University for economics undergraduate and graduate students. Students take classes conducted in English. Program Director: Dr. Cynthia Searcy (csearcy@gsu.edu).

2010.40 Academic Resources and Services

AYSPS Career Services & Alumni Relations

14 Marietta St. N.W., Suites G47-51
404-413-0069
career.aysps.gsu.edu

The Andrew Young School provides career support & leadership development services to all AYSPS current students and alumni. Students are invited to attend career events and workshops as well as meet one-on-one a career coach to discuss individual career questions. Career Services can help with the career exploration and search process, resume writing, interviewing skills, developing a LinkedIn profile, navigating the job or internship search process, and networking. To see a listing of current career events, please visit: career.aysps.gsu.edu/calendar. The Career Services Office also supports all AYSPS student clubs and organizations. Take a look at the range of groups available within the college, and consider getting involved: career.aysps.gsu.edu/organizations/. Make the most of your education by utilizing these great resources. The AYSPS Career Services & Alumni Relations office is located on the ground floor of the Andrew Young Building, in rooms G47-51.

AYSPS Research Vault

14 Marietta St. N.W., Suite V-51
404-413-0019

The Research Vault offers research tools in policy studies and economics for faculty, staff and students at the AYSPS. It provides students with an introduction to relevant databases, data set manuals, and websites. The Vault also houses selected literature and data sets on fiscal policy, public administration, and economic issues to support ongoing research projects of AYSPS faculty and its research centers. The website above is available to assist patrons in searching the literature of regional, national, and international policy issues located in the Vault.

Research Vault staff, along with university liaison librarians, develops links to electronic journals and databases licensed to Georgia State University for the use of its student and faculty community, as well as those licensed by the powerful statewide Galileo system. Available are such sources as the Web of Science, a leading citation index, access to social science data from the Inter-university Consortium for Political and Social Research (ICPSR), and Lexis-Nexis statistical tables for geographic, demographic, income and time series. The Vault holds data sets and publications from agencies in state government as well as the international community, especially in taxation.

The reading room has student workstations and provides copies of the *Wall Street Journal, New York Times, Financial Times,* and *The Economist*. Such periodicals as *Tax Analysts Tax Weeklies, Journal of Economic Literature, Journal of Econometrics,* and the *Nonprofit Quarterly* are available upon request.

International subscriptions include *Government Finance Statistics Yearbook, International Financial Statistics Yearbook, World Economic Outlook, World Development Indicators,* as well as other publications and data sets by the OECD, IMF, the World Bank and the United Nations.

Economics Tutoring Lab

14 Marietta St. N.W., Room 526
404-413-0141
aysps.gsu.edu/economics/undergraduate-economics-tutoring-lab/

The Economics Tutoring Lab provides tutoring for students in undergraduate economics classes, particularly in principles of microeconomics and macroeconomics (ECON 2105 and ECON 2106). Day and

evening sessions are available; contact the Department of Economics for a schedule.

2010.50 Research Centers and Programs

Center for Collaborative Social Work

140 Decatur Street, 12th Floor
404-413-1050

The Center for Collaborative Social Work developed out of the School of Social Work's need for an organizational structure that extended the school's founding principles beyond the classroom and into the community. The School of Social Work was developed in 1965 and is the first school in the country to offer a Master of Social Work with a sole concentration in community partnerships. The school's commitment to community partnerships grew out of collaborative efforts with community stake holders from a variety of social service agencies in the greater Atlanta area. Together, they developed a program based on the following principles:

- "Partnership is critical for human service delivery and building communities;
- Challenges facing individuals and communities are interrelated and that solutions must be as well;
- Students should commit themselves to addressing social and economic justice issues that test the spirit of individuals and communities;
- Students should be educated for leadership roles to facilitate partnerships; and
- The program must continue to be relevant to the professional lives of students and practitioners and to the needs of diverse communities." (Wertheimer et al. 2004)

Center for State and Local Finance

14 Marietta St. N.W., 4th Floor
404-413-0098
cslf.gsu.edu

The Center for State and Local Finance's (CSLF) mission is to develop the people and ideas for next generation public finance by bringing together the Andrew Young School's nationally-ranked faculty and the broader public finance community. Established in 2014, CSLF conducts and publishes innovative, nonpartisan research on economic development and urban policy, education finance, tax policy and reform, and budget and financial management. Additionally, it provides premier executive education classes in public finance for state and local finance officials in Georgia and nationwide. CSLF also works with governmental, non-profit, and for-profit groups to conduct fiscal and economic impact studies, forecast revenues and expenditures, and assist with local and state tax policy and reform efforts. CSLF supports several graduate students pursuing their degrees in public management and policy or economics through its fellowship and graduate research assistantships.

Experimental Economics Center

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

The Experimental Economics Center (ExCEN) supports research, teaching, and policy applications involving controlled experiments with human decision-makers. Its central objective is to promote the development and application of economics and related academic disciplines as empirical social science. Research conducted by center faculty covers many topics: theoretical modeling and laboratory experiments with trust, reciprocity, and altruism; small- and large-stakes risk aversion; public goods and common pool resources; centipede games vs. Dutch auctions; risk perception; technology adoption; time preferences; gambling disorders; health seeking behavior in less developed countries; ambiguity attitudes; insurance demand; financial risk management of poor working households; and congestion pricing in transportation. Collaborative research with surgeons is in progress on improving hospital discharge decision-making and analysis of decision-making for human organ rejections or acceptances for transplantation. Research and teaching support facilities developed and maintained by ExCEN include the AYSPS experimental economics laboratory, a mobile laboratory and EconPort (www.econport.org), an economics digital library and virtual laboratory containing Internet software for experiments.

Fiscal Research Center

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

Established in 1995, the Fiscal Research Center (FRC) provides nonpartisan research, technical assistance and education in the evaluation and design of state tax and economic policy. It leverages the Andrew Young School's expertise in public finance to assist Georgia's policymakers on questions of tax and economic policy. FRC's responsibilities include developing estimates for tax-related fiscal notes for the state of Georgia, writing the Georgia State Tax Expenditure Budget, supporting the state economist, and conducting policy and academic research on a variety of topics associated with state tax policy issues. FRC also maintains a data warehouse of domestic data sources that are used by FRC staff, Andrew Young School faculty and students, and external organizations. FRC supports several graduate research assistantships for students pursuing their degrees in public management and policy or economics.

The Georgia Health Policy Center

55 Park Place, N.E., 8th Floor
404-413-0314
ghpc.gsu.edu/

The Georgia Health Policy Center (GHPC) integrates research, policy and programs to advance health and well-being. GHPC works locally, statewide, and nationally to connect decision makers with the evidence-based research and guidance needed to make informed decisions about health policy and programming. The center focuses on the most complex health care issues today including: behavioral health, children's health and well-being, community health systems development, health and health care financing, health in all policies, health system transformation, long-term services and supports, population health, and rural health. GHPC offers a wide range of services to public and private clients, including research and evaluation, technical assistance, policy and economic analysis, meeting design and facilitation, strategic planning, workforce development, grants management, and organizational and backbone support. The center has worked in more than 1,000 communities in all 50 states to achieve health improvement.

Georgia International Law Enforcement Exchange

P.O. Box 3992, Atlanta, GA 30302-3992
404-413-1035
www.gilee.org

The Georgia International Law Enforcement Exchange (GILEE) was established in 1992. Its mission is to enhance law enforcement executive development and international cooperation for the provision of better law enforcement services and public safety through the protection of civil rights. GILEE's focus has been on anti-terrorism training; initially to protect the 1996 Centennial Olympic Games and later to improve preparedness for terror threats. Following the 9-11 atrocity, GILEE focuses on enhancing homeland security efforts through international cooperation and training programs. GILEE operates on the principle of providing peer-to-peer professional training through the introduction of best practices and sources of excellence in order to enhance agency capabilities to better deal with threats to public safety and improve security. GILEE offers executive law enforcement training programs and special briefings in and for more than 25 states and more than 25 countries.

International Center for Public Policy

14 Marietta St. N.W., 5th Floor
404-413-0239
icepp.gsu.edu/

Mission: "To expand knowledge, instill optimal practice and build capacity in the public sector around the world to improve human well-being through better public policy."

The International Center for Public Policy (ICePP) is an interdisciplinary public policy research center that engages faculty members from within the Andrew Young School of Policy Studies (AYSPS) and other departments at Georgia State University who pursue this mission through internationally oriented research, academic programs and technical assistance, and training activities for developing countries. The core expertise of the center lies in its economics and fiscal policy analysis. It serves a diverse client base that includes multilateral donor agencies (e.g. USAID, World Bank, UNDP, ADB, etc.), foreign ministries, government organizations, legislative bodies and private institutions.

ICePP brings together the strengths of cutting-edge technical expertise, extensive real-world policy experience and solid project management capabilities. ICePP faculty have extensive experience in resolving real-world policy challenges, with combined work experience in over 70 developing and transition economies around the world. At the same time, ICePP's international technical assistance and training efforts uniquely complement the academic research and the educational mission of the Andrew Young School. The exposure to international policy challenges that ICePP brings to the school and its interaction with government leaders and policy-makers from around the world enriches the school's academic environment and deepens its commitment to resolving international policy challenges.

ICePP has built a strong visiting scholars program and has hosted over 40 scholars since 2007. In addition to the various books, peer reviewed journal articles and policy reports generated by its faculty and research associates, ICePP publishes a working paper series and occasional papers that include research from GSU faculty, research associates, graduate students and external professors, policy-makers and government

officials that have participated in ICePP research activities.

Nonprofit Studies Program

14 Marietta St. N.W., 3rd Floor
404-413-0133

The Nonprofit Studies Program (NSP) was organized in 2001 to foster collaborative research on the nonprofit sector within the academic community, to promote policy research that is relevant in today's political and economic environment, to educate nonprofit managers and leaders, and to serve as a link between scholars and nonprofit practitioners in creating and disseminating knowledge about the sector. The program involves educational, research and service activities focused on helping nonprofit organizations address their social missions effectively through problem-solving, policy advocacy and effective deployment of their resources. The program is interdisciplinary, and has special strengths in economic analysis, resource development and management, and policy analysis applied to the concerns of nonprofit organizations. It includes over 30 core and associated faculty from the Andrew Young School, other schools and colleges of Georgia State University and other universities.

Public Performance and Management Group

14 Marietta St. N.W., Suite 316
404-413-0180
ppmgsu.org

The Public Performance and Management Group (PPM) offers an array of resources and solutions to assist public administrators to strengthen strategic and operational performance. Core activities include executive level training and development; applied research projects; short or long-term assistance with planning and performance improvement; and dissemination of effective practices. PPM supports improved public performance by providing real-world solutions to today's public management problems. All activities are practitioner-oriented and customized for a wide range of state and local government settings. Funding for PPM projects comes from federal grants as well as state and local contracts.

Usery Workplace Research Group

14 Marietta St. N.W., 5th Floor
404-413-0880
uwrg.gsu.edu/

The W.J. Usery Workplace Research Group (UWRG) includes scholars at the Andrew Young School conducting research on the economics of the workplace, labor markets, education, health and related areas. Activities include the annual Usery Distinguished Lecture Series, which brings the nation's leading labor economists to the Andrew Young School. Research by UWRG faculty are circulated widely through the Usery Workplace Research Group Paper Series. UWRG sponsors Andrew Young School seminar speakers, plus various research activities and occasional research conferences on and off campus. UWRG activities are coordinated and financed through the W.J. Usery Chair of the American Workplace.

2020 Academic Regulations

2020.05 Grades of C in Major/Minor/Concentration

With the exception of Criminal Justice, grades in all majors, concentrations, minors and policy/business area requirements, where applicable, require a grade of C or higher. The Department of Criminal Justice and Criminology accepts grades of C- to count toward its major and minor coursework.

2020.10 Transient Status at Other Institutions

Students enrolled in the Andrew Young School of Policy Studies who wish to take course work in transient status at another institution, whether as a full-time or part-time student, must have prior written approval from the Office of Academic Assistance if they wish to apply the credit to a degree program. A transient petition form should be submitted prior to registration.

2020.20 Directed Readings

Directed Readings courses in the various undergraduate programs are intended to allow students of proven performance to do independent study in a specific subject area. Enrollment in a directed readings course requires prior consent of the instructor. A maximum of one directed readings course may count toward fulfillment of degree requirements, and the course may not be substituted for a core course requirement. The subject of the independent study will be determined in consultation with the faculty member responsible for supervising the independent work. A faculty member may seek the assessment of a second faculty reader on any directed readings paper. Letter grades, rather than grades of S or U (satisfactory or unsatisfactory), will be assigned for all directed readings courses.

2020.30 Modification of Degree Requirements

Students may petition for modifications of the degree requirements of the Andrew Young School of Policy Studies. Degree modification petitions are granted only in the case of extenuating circumstances and only when an educationally acceptable substitution is proposed. Petition forms and information are available online at the following link: aysps.gsu.edu/oaa/student-forms.

Under certain conditions, an undergraduate or postbaccalaureate student may be admitted into a graduate course. To be eligible, an undergraduate student must have a cumulative grade point average of 3.5 or higher and be within 18 semester hours of graduation; a postbaccalaureate student must have a cumulative grade point average of 3.5 or higher in his or her undergraduate work as well as any graduate work taken at this or any other institution. Information is available at the following link: aysps.gsu.edu/oaa/student-forms .

Eligibility does not guarantee admission into a course. The interested student must apply through the Office of Academic Assistance for special graduate student status. Approval of that status requires the concurrence of the student's academic advisor and the director of the Office of Academic Assistance. Once the status has been approved, the student is permitted to enroll in a graduate course only with the permission of the instructor and the chair of the department in which the course is taught.

2020.50 Awards and Honors

The Andrew Young School of Policy Studies recognizes the academic achievements and service of its students each spring semester at an Honors Day ceremony. A number of awards and honors are presented annually to outstanding undergraduate students, including the Judge Andrew A. Mickle Scholarship, Outstanding Instructor Award, the Outstanding Criminal Justice Agency Award, the Undergraduate Academic Achievement Award, the Graduate Academic Achievement Award, the Criminal Justice And Criminology Graduate Research Award, the AYS Excellence In Teaching Criminal Justice Award, the Economics Award, the Economics Student Achievement Award, the Excellence in Microeconomics Award, the IEML Award, the Mark E. Schaefer M.A. in Economics Award, the Best Third-Year Paper Award, the Quantitative Economics Award, the Theodore C. Boyden Excellence in Teaching Economics Award, the AYS Excellence in Teaching Economics Award, the Research Excellence in Economics Award, the Williams R. Gable Award, the Diane Caves Award, the Governor Joe Frank Harris Award, the Dan Sweat Award, the Best Research Paper Award, the Master of Public Administration/Juris Doctor Achievement Award, the Public Administration Academic Achievement Award, the Public Policy Academic Achievement Award, the Outstanding Intern Award, the Public Management and Policy Student Leadership Award, the AYS Excellence in Teaching Policy Award, the Outstanding Doctoral Student In Public Policy Award, the Graduate Excellence in Scholarship Award, the Undergraduate Excellence in Scholarship Award, the Social Work Recognition Award, the Community Leadership in Social Work Award, the Diane B. Davis Award, the Wanda K. Cardwell Award, the Outstanding M.S.W. Student Award, the Outstanding Part-time M.S.W. Student Award, Field Placement Awards, and the Social Justice Award.

2030 College-level Degree Requirements

All undergraduate programs offered by the Andrew Young School of Policy Studies are designed to comply with the University System of Georgia core curriculum requirements. The program requirements for Undergraduate Core Curriculum Areas A through E are listed in the "Core Curriculum" chapter of this catalog.

2050 Student Complaints, Petitions for Policy Waivers and Variances, and Appeals

The appeals procedure for students in the Andrew Young School of Policy Studies will follow different courses depending on the nature of the student's appeal. Please refer to University Information Section under Polices and Disclosures in this catalog or visit deanofstudents.gsu.edu/student-assistance/student-complaints-petitions/ online for details.

2060 Student Organizations

Alpha Phi Sigma

The purposes of Alpha Phi Sigma shall be to recognize and promote high scholarship among students

actively engaged in college study in the Criminal Justice area, to keep abreast of the advances in scientific research, to elevate the ethical standards of the Criminal Justice professions, and to establish in the public mind the benefit and necessity of education and professional training. To learn more about Alpha Phi Sigma contact Dr. Leah Daigle at ldaigle@gsu.edu. National website: www.alphaphisigma.org/.

Andrew Young Circle of Enterprising Scholars (AYCES)

AYCES is a brand new student club. The purpose of AYCES is to strengthen student relationships and develop professional skills while fostering a long term professional community within the Andrew Young School of Policy Studies. AYCES is open to any undergraduate or graduate student that AYSPS. To learn more, contact AYS Career Services and Alumni Relations (404-413-0069).

B.S.W. Social Work CLUB (Can Lead US Beyond)

The purpose of the Social Work Club at Georgia State University is to serve as a link between current social work students, prospective social work majors, faculty, and administration. The Social Work Club upholds the core values of the profession: service, social justice, dignity, and worth of the person, importance of human relationships, integrity, and competence while supporting the development of social, academic, and cultural awareness among undergraduate social work students. The Social Work club is also a community organization extending services beyond the limits of Georgia State, by providing needed services to groups within the University and the larger community. Visit their website for more information: socialwork.gsu.edu/student-engagement/bsw-social-work-club/.

Criminal Justice Student Association

The Criminal Justice Student Association (CJSA) is an organization open to all GSU students, regardless of their major, and especially to those who are interested in pursuing a career in criminal justice and related fields. It is our mission to advance the knowledge and understanding of crime and justice, as well as 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 focus on the interaction between students, faculty, program alumni, and professionals employed in the wide field of criminal justice, and members of the broader community. We are committed to developing networks with future criminal justice employers, the Georgia State Student Government Association, and faculty members in the Department of Criminal Justice and Criminology. Membership brings students and the community together to promote awareness of criminal justice issues in society. Being a member of the CJSA is a great way to get involved on campus and in the Atlanta community, to help develop team building and leadership skills, and to meet other individuals interested in criminal justice issues. For more information visit our website at: criminaljustice.gsu.edu/student-resources/student-organizations/criminal-justice-student-association/ and like us on Facebook at facebook.com/groups/gsucjsa/.

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/economics/economics-club/.

The Nonprofit Leadership Alliance Club

The Department of Public Management and Policy in the Andrew Young School is affiliated with the Nonprofit Leadership Alliance, a national alliance of colleges, universities and nonprofit organizations dedicated to strengthening the leadership of the social sector and sustaining the ability of nonprofits to fulfill their mission with a talented and prepared workforce. The NLA Club focuses on professional leadership development, fundraising, and career networking within the nonprofit community. While optional, students are strongly encouraged to pursue NLA's Certified Nonprofit Professional (CNP) credential by meeting the NLA national office's five requirements. These requirements include:

1. Completing a bachelor's degree;
2. Demonstrating proficiency in NLA's 10 competencies;
3. Demonstrating Leadership & Service;
4. Completing a 300-hour internship; and
5. Attending one AMI (NLA's annual national conference in January).

This club is open to all Georgia State majors (undergraduate and graduate) who are interested in working and/or volunteering in a nonprofit environment. For more information about meeting times and a calendar of events, please visit their website at pmap.gsu.edu/student-organizations/nonprofit-leadership-alliance-student-organization/.

Phi Alpha Social Work Honor Society

Students within the School of Social Work are eligible for induction into the Phi Alpha Honor Society for Social Work. The Georgia State School of Social Work Chapter is Omicron Gamma, and was chartered in November 2007. Undergraduate membership requirements include being a social work major, achieving sophomore status, completing 8 semester hours of required social work course, and achieving an overall 3.0 GPA and a 3.25 social work GPA. Membership meetings are held twice yearly; once in the Fall and again in the Spring semesters. For more information please visit their website at: socialwork.gsu.edu/phi-alpha-honor-society/.

2070 Academic Departments and Faculty

The Andrew Young School of Policy Studies is composed of four academic departments: Criminal Justice and Criminology, Economics, Public Management and Policy, and the School of Social Work.

Department of Criminal Justice and Criminology

55 Park Place, 5th Floor
404-413-1020
criminaljustice.gsu.edu

Richard T. Wright, Chair

Mark D. Reed, Undergraduate Program Coordinator

Prefix: CRJU

The Bachelor of Science (B.S.) degree in criminal justice provides a broad range of study into the criminal justice and legal fields. In particular, the program offers two separate curriculum concentrations: 1) the crime and justice concentration and 2) the legal concentration. Course offerings in each concentration along with the completion of their internship experience, prepare students for their professional career in criminal justice or law. The Master of Science (M.S.) degree in criminal justice represents a broad range of study designed to meet the academic needs of students seeking further graduate education, pre-professional students, and those already employed in the wide range of agencies that make up the criminal justice and juvenile justice systems. The Doctor of Philosophy (Ph.D.) degree program in criminal justice and criminology provides additional in-depth training in criminological theory, as well as advanced statistics and research methodology. The Ph.D. program prepares students for careers in research, teaching, management, and community service.

In each degree program, the focus of study includes the justice system as well as the nature, causes, and control of criminal behavior. The requirements of degree programs in this department stress an integrated view of the criminal justice system. In this view, all components of the system interrelate with all other components to provide coordinated justice administration. The curriculum is designed to give students an understanding of the developing theoretical knowledge base in this area of study, while simultaneously providing an understanding of how each of the component parts relates in forming the justice system, and how offenders and victims fit within it.

In addition, students learn how the justice system influences, and is influenced by other institutions in society. An adequately functioning criminal justice system participates in appropriate structuring of legislation, providing information and education within the system and to the public, crime prevention, psychological counseling, and prisoner rehabilitation. Also included among its many roles is work with juveniles, quantitative and qualitative scholarly research, guidance to probationers and parolees, assistance to citizen groups and crime victims, and many other tasks.

Students' learning in the classroom is enhanced as members of the faculty bring forth a myriad of expertise in criminal justice and criminology. Currently, faculty research topics include but are not limited to organizational misconduct; sex differences in criminality and criminal justice processing; evidence-based policing; public defense systems; domestic violence; elder abuse; sexual harassment; state crime and international criminal law violations; drugs, crime and public policy; homicide investigation; homicide co-victimization; sexual victimization; the collateral consequences of mass incarceration;legal issues in policing; evaluation research; the disorder-crime nexus; constitutional law; community differences in the nature of crime; informal social control; juvenile delinquency and youth violence; active offender decision-making; and suburban crime and urban violence. Faculty members conduct research drawing on their expertise in a variety of quantitative and qualitative research methods, thus allowing them to bring not only their topical expertise, but also their methodological experience into the learning environment.

Department of Economics

14 Marietta Street N.W., 5th Floor
404-413-0141

aysps.gsu.edu/economics/

Shiferaw Gurmu, Chair
Shelby Frost, Director of Undergraduate Studies

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 Center for Public Policy, the Economic Forecasting Center, and the Georgia Health Policy Center. Faculty in these centers work closely with local, state, national and international organizations to provide the information needed to address today's complex policy issues.

A Bachelor's degree in Economics provides students with the resources to be leaders and innovators, as well as a broad understanding of economic issues. Undergraduate majors may choose from four degree options: the Bachelor of Arts with a major in Economics, which includes a language option and a minor field; the Bachelor of Science with a major in Economics, which includes math to the calculus level and a minor field; the Bachelor of Arts with a major in International Economics and Modern Languages, which includes intensive study in a language to prepare international professionals; and the Bachelor of Business Administration with a major in Business Economics, including course work in business-related topics such as accounting, marketing and finance (the "business core"). A minor in Economics consists of 15 semester hours with at least nine semester hours at the upper level. Graduate degrees are available in economics, economics with a policy track, and business economics.

Department of Public Management and Policy

14 Marietta Street N.W., 3rd Floor
404-413-0107
pmap.gsu.edu/

Gregory B. Lewis, Chair
Joseph F. Hacker, Undergraduate Program Director

Prefix: PMAP

The Department of Public Management and Policy offers a variety of interdisciplinary degree programs designed to prepare students for life and work in a range of professions in metropolitan areas. At the undergraduate level, the department offers a Bachelor of Science degree with a major in public policy which includes a choice of concentrations in nonprofit leadership, planning and economic development, and public management and governance. Minors are available in nonprofit leadership, planning and economic development, and public policy. All minors require 15 semester hours of credit. The department

also offers a Bachelor of Interdisciplinary Studies (BIS) in Social Entrepreneurship. The BIS in Social Entrepreneurship prepares students to become agents and leaders of social change who will transform communities through innovative problem solving and business approaches.

School of Social Work

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

Brian Bride, Director
Jan Ligon, B.S.W. Program Director

Prefix: SW

The B.S.W. program's mission is to prepare students for generalist social work practice in a range of roles and services that deal with the existing and developing challenges that confront individuals, families, groups, and communities. The goals of the B.S.W. program are to graduate students who will be able to: (1) think critically and communicate effectively in the application of social work knowledge, skills, and values to entry-level generalist practice, and (2) practice as entry-level generalist social workers.

2105 Criminal Justice

Programs Offered:

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

Department of Criminal Justice and Criminology
55 Park Place, 5th Floor
404-413-1020
criminaljustice.gsu.edu

Dr. Richard T. Wright, Chair
Dr. Mark D. Reed, Undergraduate Program Coordinator

The Bachelor of Science Degree in Criminal Justice focuses on the study of the criminal justice system and its component parts, as well as the causes and consequences of crime. The degree program stresses an integrated view of the criminal justice system, highlighting relationships between system components in service provision and how the justice system influences/is influenced by other societal institutions. The curriculum is designed to provide students with a developing theoretical knowledge base in studies of crime and criminal justice, focusing on examining the system and its parts, as well as the roles of victims and offenders. The curriculum also is designed to provide students with a liberal arts education that focuses on basic skills, such as the abilities to read critically, write clearly, speak effectively, and think analytically. The curriculum is broadly structured to meet the academic needs of pre-professional students, those already employed in the wide range of agencies that compose the criminal and juvenile justice systems, and those

pursuing graduate education.

Students' classroom experiences are enhanced through the research expertise of the criminal justice faculty. Currently, faculty research topics highlight organizational misconduct; sex differences in criminality and criminal justice processing; evidence-based policing; public defense systems; domestic violence; violence by and against people with mental illness; elder abuse; sexual harassment; state crime and international criminal law violations; drugs, crime and public policy; homicide investigation; homicide co-victimization; sexual victimization; the collateral consequences of mass incarceration; evaluation research; the disorder-crime nexus, constitutional law; community differences in the nature of crime; informal social control; juvenile delinquency and youth violence; active offender decision-making; and suburban crime and urban violence. Faculty members use a variety of quantitative and qualitative research methods, bringing not only topical knowledge but also methodological expertise into the learning environment.

Degree programs offered through the Department of Criminal Justice and Criminology include a Bachelor of Science in criminal justice, a Master of Science in criminal justice, and a doctorate in criminology and criminal justice. The bachelor's degree program complies with the core curriculum requirements of the University System of Georgia.

Mission

The Department of Criminal Justice and Criminology emphasizes issues of crime and justice occurring in urban environments from a multicultural, interdisciplinary perspective to inform science, policy, and practice. The mission of the Department is to produce students who are critical and ethical thinkers, knowledgeable about the issues of crime and justice, and prepared for leadership positions in public and private criminal justice.

Program Admission

There are no admission requirements specific to the Bachelor of Science degree program in Criminal Justice beyond the admission requirements to the University.

Program Financial Information

No special fees are associated with the Bachelor of Science degree program in Criminal Justice. Students must pay all tuition and fees required by the University.

Program Academic Regulations

1. The Department has two academic concentrations: Crime and Justice or Legal Studies. The Crime and Justice concentration provides a traditional curriculum for criminal justice majors, while the Legal Studies concentration is designed for criminal justice majors desiring more intensive exposure to law often in preparation for law school. Students must declare their concentration at the time of declaring Criminal Justice as their major.
2. Students must earn a grade of C or higher in CRJU 1100/CRJU 3100 (or equivalent transfer course) and CRJU 2200) and C- or higher in all Area F – J, 2000 – 4000-level criminal justice courses to be eligible for a degree in Criminal Justice. Students must have an institutional grade point average of 2.0 at Georgia State (GSU) in order to graduate from the University.

3. Students must complete a minimum of 39 semester hours in 2000-4000-level criminal justice courses at Georgia State University. CRJU 1100 / CRJU 3100 is not included in this GSU CRJU residency requirement.
4. Students may transfer in a maximum of three (3) courses (e.g., 9 credits) in Areas F-I. Students must still meet the GSU CRJU residency requirement.
5. A student who has received a grade of D, F, or WF in an Area (G) (Foundations of Analyses) course may repeat the course up to two additional times. This allows the student a maximum of three attempts to successfully complete the course. Emergency Withdrawals will not count against course attempts; documentation that a hardship withdrawal was granted must be provided in the situation where a fourth attempt is requested.
6. Students should complete a majority of lower-division courses (Areas A – E) prior to taking 4000 level criminal justice courses.
7. Students should take or complete all Area F (Criminal Justice Core) courses before taking 4000 level criminal justice courses.
8. Students should be enrolled in or have taken all Area G (Foundations of Analyses) courses before enrolling in 4000 level criminal justice courses
9. All criminal justice majors must complete at least one internship (CRJU 4935 and are allowed to enroll in up to two internship courses ([CRJU 4935 and CRJU 4940) during their senior year in the program. Students are allowed to enroll in CRJU 4935 as early as the beginning of the senior or next-to-last semester before they graduate. The mandatory CRJU 4935 counts for 6 credit hours and the optional CRJU 4940 counts for 3 credit hours. Students will complete 160 hours at an internship agency as part of the requirements in CRJU 4935 and CRJU 4940. If a student chooses to complete one internship experience, he or she must enroll in an additional 4000-level CRJU course which will be counted in Area K. If a student elects to complete two internship and field placements (CRJU 4935 and CRJU 4940), he or she cannot enroll in both placements simultaneously (i.e., during the same semester) and is not allowed to use the same internship site more than once. CRJU 4935 is a prerequisite for CRJU 4940.
10. Students who fail CRJU 4935 must retake an in-house research internship with a full-time faculty member or take two (2) 4000-level courses at the discretion of and with the approval of the Undergraduate Coordinator. Students are not permitted to go back into the field for their placement nor will they be allowed to enroll in CRJU 4940.
11. Placement with an agency that deals with sensitive information may require a background investigation, which can include checks for prior arrests and convictions, polygraphs, abuse of illegal drugs, and DUI convictions. If students have a criminal record either before they declare their major or acquire a criminal record after declaring their major, they might be prohibited from participating in the internship. Since the internship is a requirement, students might be excluded from the degree program by the internship coordinator or department chair. A thorough description of the internship program is found at aysps.gsu.edu/criminal-justice-internship-program/. criminaljustice.gsu.edu/student-resources/internship-program/.
12. The Department of Criminal Justice and Criminology believes that all students in the internship program must be personally and psychologically equipped as well as academically prepared. A student may be denied entry into an intern field experience based on departmental prerequisites or the professional judgment of faculty based on observed performance, behavior, or documentation that indicates erratic, unpredictable, or unsuitable conduct. This policy is based on the premise that criminal justice faculty should be part of the evaluation of a student's ability to function adequately and safely in a criminal justice setting and that the faculty has a right and responsibility to make

such judgments prior to placing a student in an internship.

13. The internship coordinator or department chair may remove a student from an internship site if circumstances arise at the site that pose an unforeseen danger to the student's welfare or an unforeseen risk of liability to the student, faculty, or Department. If the reason for the move is not the fault of the student, the internship coordinator shall make reasonable efforts to assist the student with finding a new placement agency. If it is not possible to secure placement with a new agency the student will receive a grade of incomplete and be required to re-enroll in the internship course the following academic semester. The internship coordinator and department chair also have authority to withdraw a student from a classroom and/or internship experience (i.e., CRJU 4935, CRJU 4940) if the student's performance constitutes a detriment to other students in the class and/or to personnel at the field placement (internship) site, or if the student is arrested, convicted, and/or violates the agency's workplace rules, policies, or procedures. If a student is withdrawn due to academic misconduct, the student will be given an F in the internship course and may be subjected to discipline through the University's academic discipline process. Students terminated from their internships by their host agency, or removed by the Department for inappropriate behavior, will receive a failing grade for CRJU 4935 and CRJU 4940. In this event they may not administratively withdraw from the course and will receive a grade of "WF" rather than "W" for the course should they attempt to withdraw from the courses prior to the term's midpoint.
14. All applications for the internship program must be completed online at aysps.gsu.edu/criminal-justice-internship-program/. criminaljustice.gsu.edu/student-resources/internship-program/ and submitted to the AYS Office of Academic Assistance (OAA). OAA shall determine each student's eligibility to intern and shall forward a list of approved students to the Department of Criminal Justice and Criminology internship coordinator. Without exception, all applications must be submitted by the following dates in order for students to be considered for placement in the specified semester: February 15 for Fall semester; May 15 for Spring semester; September 15 for Summer semester.

Program Degree Requirements:

Crime and Justice Concentration:

Requirements for Areas A through D 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 H courses can fulfill Area I requirements. Courses from Areas H and I can fulfill Area K requirements. Before enrolling in any 4000 level courses, a student should be enrolled in or have taken all Area G courses.

Area A: Essential Skills (9)

Area B: Institutional Options (4)

Area C: Humanities and Fine Arts (6)

Area D: Math, Technology and Science (11)

Area E: Social Science (12)

Area F: Criminal Justice Core (18)

1. Required Courses (12-15):
    - CRJU 1100 Introduction to Criminal Justice (3)
    - CRJU 2200 Social Science and the American Crime Problem (unless taken in Area E)
    - CRJU 2110 Policing in America (3)
    - CRJU 2310 Corrections (3)
    - CRJU 2700 American Criminal Courts (3)
2. Electives (3-6):
    - Select two (3.0 hour) courses chosen from the 1000-2000 level offerings of the College of Arts & Sciences, Robinson College of Business, the School of Public Health, or the Andrew Young School of Policy Studies (6). If CRJU 2200 is used to satisfy Area F, then only one (3.0 hour) course is required to satisfy the elective area.

Area G: Foundations of Analysis (12)

- CRJU 3020 Research Methods in Criminal Justice (3)
- CRJU 3060 Ethical Issues in Criminal Justice – CTW (3)
- CRJU 3410 Criminological Theory (3)
- CRJU 3610 Statistical Analysis in Criminal Justice (3)

Area H: Legal Issues (3)* – select one course from the following:

- CRJU 3710 Policing and Individual Rights (3)
- CRJU 4040 Comparative Criminal Justice Systems (3)
- CRJU 4720 Law, Justice, and Social Change (3)
- CRJU 4760 Criminal Procedure (3)
- CRJU 4780 Criminal Law (3)
- CRJU 4910 Selected Legal Issues in Criminal Justice (3)
- CRJU 4915 Controversial Legal Issues in Criminal Justice (3)

* Note: Area H courses may count towards Area I

Area I: Criminal Justice Issues (15) – select five courses from the following:

- CRJU 3070 Race and the Criminal Justice System (3)
- CRJU 3210 Juvenile Offending (3)
- CRJU 3350 Prisons and Jails (3)
- CRJU 4010 Gender in Criminal Justice (3)
- CRJU 4020 Criminal Justice Policy Analysis (3)
- CRJU 4070 Family Violence and Criminal Justice (3)
- CRJU 4080 Crime and the Media (3)
- CRJU 4110 Criminal Investigations (3)
- CRJU 4170 Victimology (3)
- CRJU 4210 Juvenile Justice System (3)
- CRJU 4230 Juvenile Corrections (3)
- CRJU 4350 Community Corrections (3)

- CRJU 4420 Crime Typologies (3)
- CRJU 4430 White-Collar Crime (3)
- CRJU 4440 Street Crime (3)
- CRJU 4450 Drugs, Crime and Policing (3)
- CRJU 4500 Criminal Justice Management (3)
- CRJU 4460 Serial Killers (3)
- CRJU 4800 Mental Health Issues in Criminal Justice (3)
- CRJU 4900 Selected Topics in Criminal Justice (3)
- CRJU 4920 Community Policing (3)
- CRJU 4960 Domestic Terrorism (3)
- CRJU 4990 Readings in Criminal Justice (3)

*Note CRJU 3005 does not count in Areas H or I for criminal justice majors but it will count in Area K.

Area J: Capstone and Internship (6 or 9)

- CRJU 4935 Internship and Field Placement in Criminal Justice I (6)
- CRJU 4940 Internship and Field Placement in Criminal Justice II (3)

Area K: Electives (21 or 24). Students may choose 21 or 24 credit hours of approved electives. Students who elect to complete only CRJU 4935 in Area J must take an additional 4000-level CRJU course, which counts in Area K.These hours may be used to satisfy Criminal Justice residency hours.

Note: The University's 39 credit hour residency requirement and the residency requirement of the Department of Criminal Justice and Criminology (noted in Program Academic Regulation #3 above) must be satisfied.

Total Semester Hours for Degree: 120

Legal Studies Concentration:

Requirements for Areas A through D 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 H courses can fulfill Area I requirements. Courses from Areas H and I can fulfill Area K requirements. Before enrolling in any 4000 level courses a student must be enrolled in or have taken all Area G courses.

Area E: Social Science (12)

Area F: Criminal Justice Core (18)

1. Required Courses (12):
    - CRJU 1100 Introduction to Criminal Justice (3)
    - CRJU 2200 Social Science and the American Crime Problem (unless taken in Area E)
    - CRJU 2110 Policing in America (3)
    - CRJU 2310 Corrections (3)
    - CRJU 2700 American Criminal Courts (3)

2. Electives (3-6):
    - Select two (3.0 hour) courses chosen from the 1000-2000 level offerings of the College of Arts & Sciences, Robinson College of Business, the School of Public Health, or the Andrew Young School of Policy Studies (6). If CRJU 2200 is used to satisfy Area F, then only one (3.0 hour) course is required to satisfy the elective area.

Area G: Foundations of Analysis (12)

- CRJU 3020 Research Methods in Criminal Justice (3)
- CRJU 3060 Ethical Issues in Criminal Justice – CTW (3)
- CRJU 3410 Criminological Theory (3)
- CRJU 3610 Statistical Analysis in Criminal Justice (3)

Area H: Legal Issues (12) – select four courses from the following:

- CRJU 3710 Policing and Individual Rights (3)
- CRJU 4020 Criminal Justice Policy Analysis (3)
- CRJU 4040 Comparative Criminal Justice Systems (3)
- CRJU 4720 Law, Justice, and Social Change (3)
- CRJU 4760 Criminal Procedure (3)
- CRJU 4780 Criminal Law (3)
- CRJU 4910 Selected Legal Issues in Criminal Justice (3)
- CRJU 4915 Controversial Legal Issues in Criminal Justice (3)
- POLS 3145 Introduction to American Law (3)
- POLS 4130 American Constitutional Law (3)
- POLS 4131 Civil Liberties and Rights (3)
- POLS 4420 International Law (3)
- POLS 4425 Politics of International Law (3)
- POLS 4427 Politics of International Human Rights (3)
- POLS 4780 Administrative Law and Government (3)

Area I: Criminal Justice Issues (6) – select two courses from the following:

- CRJU 3070 Race and the Criminal Justice System (3)
- CRJU 3210 Juvenile Offending (3)
- CRJU 3350 Prisons and Jails (3)
- CRJU 4010 Gender in Criminal Justice (3)
- CRJU 4020 Criminal Justice Policy Analysis (3)
- CRJU 4070 Family Violence and Criminal Justice (3)
- CRJU 4080 Crime and the Media (3)
- CRJU 4110 Criminal Investigations (3)
- CRJU 4170 Victimology (3)
- CRJU 4210 Juvenile Justice System (3)
- CRJU 4230 Juvenile Offending (3)
- CRJU 4350 Community-Based Corrections (3)
- CRJU 4420 Crime Typologies (3)
- CRJU 4430 White-Collar Crime (3)

- CRJU 4440 Street Crime (3)
- CRJU 4450 Drugs, Crime and Policing (3)
- CRJU 4460 Serial Killers (3)
- CRJU 4500 Criminal Justice Management (3)
- CRJU 4800 Mental Health Issues in Criminal Justice (3)
- CRJU 4900 Selected Topics in Criminal Justice (3)
- CRJU 4920 Community Policing (3)
- CRJU 4960 Domestic Terrorism (3)
- CRJU 4990 Readings in Criminal Justice (3)

* Note CRJU 3005 does not count in Areas H or I for criminal justice majors but it will count in Area K.

Area J: Capstone and Internship (9)

- CRJU 4935 Internship and Field Placement in Criminal Justice I (6)
- CRJU 4940 Internship and Field Placement in Criminal Justice II (3)

Area K: Electives (21 or 24). Students may choose 21 or 24 credit hours of approved electives. Students who elect to complete only CRJU 4935 in Area J must take an additional 4000-level CRJU course, which counts in Area K.These hours may be used to satisfy Criminal Justice residency hours. These hours may be used to satisfy Criminal Justice residency hours.

Note: The University's 39 credit hour residency requirement and the residency requirement of the Department of Criminal Justice and Criminology (noted in Program Academic Regulation #3 above) must be satisfied.

Total Semester Hours for Degree: 120

2105.10 Minor in Criminal Justice

Students who wish to minor in criminal justice must take 15 hours of courses in Criminal Justice, including CRJU 1100 (Introduction to Criminal Justice), CRJU 2200 (Social Science and the American Crime Problem) and nine hours listed as Area F – I, 2000 – 4000-level criminal justice courses. Students taking more than 15 hours in courses in Criminal Justice may count the additional hours toward their electives or may consider completing a double major. (A grade of C or higher is required for CRJU 1100 and CRJU 2200 and a grade of C- or higher is required for the remaining criminal justice courses.)

2110 Economics

Programs Offered:

1. **Bachelor of Arts Major in Economics**
2. **Bachelor of Science Major in Economics**
3. **Minor in Economics**
4. **Bachelor of Arts Major in International Economics and Modern Languages**
5. **Dual Degree Programs:**

- Bachelor of Arts Major in Economics and Master of Arts in Economics
- Bachelor of Arts Major in International Economics and Modern Languages and Master of Arts in Economics
- Bachelor of Science Major in Economics and Master of Arts in Economics
- Bachelor of Arts Major in Economics and Master of Arts in Teaching Major in Social Science Education
- Bachelor of Science Major in Economics and Master of Arts in Teaching Major in Social Science Education

For information about the B.B.A. degree with a major in business economics offered by the J. Mack Robinson College of Business, please refer to that college's chapter in this catalog.

Economics provides a way of thinking about everyday decision-making in a world of limited options. It explains the economy as a whole; how it is best organized to provide goods, services, jobs, stable prices, and other economic goals. Economists study the ways a society distributes scarce resources such as land, labor, raw materials, and machinery to produce goods and services choices that must be made because time, income, wealth, workers, and natural resources are limited. Principles of economics are useful at all levels of decision-making, and provide an essential framework for analyzing and understanding such major issues as inflation, unemployment, deregulation of banking, tax reform, fluctuations in foreign exchange rates, labor productivity, and foreign debt crises.

Most economists are concerned with practical applications of economic policy in a particular area. They use their understanding of economic relationships to advise businesses and other organizations, including insurance companies, banks, securities firms, computer and data processing companies, management consulting firms, industry and trade associations, labor unions, and government agencies. Some economists work abroad for companies with international operations and for organizations like the World Bank and United Nations.

Economists use mathematical models to develop programs that predict, for example, the nature and length of business cycles, the effects of inflation on the economy, or the effects of tax legislation on unemployment levels. Preparing reports on the results of their research is an important part of the economist's job. Being able to present economic concepts in a meaningful way is particularly important for economists who are involved in making policy for their organizations.

The student with a major or minor in economics may choose from a broad array of topics including foreign trade, environmental and natural resources economics, money and credit, public sector economics, labor economics, economic development, international finance, urban and regional economics, economic history, industrial organization and antitrust policies, and mathematical economics. Majors may pursue careers in many areas, some of which are listed below along with courses applicable to the career choice.

Career Opportunities and Related Courses: A recent study by the U.S. Census Bureau showed that college graduates who majored in economics were among the highest paid employees (economics ranked as the third most lucrative major). An undergraduate degree in economics furnishes a valuable background for a domestic or international career in law, government, business or education. Government service provides many opportunities at the federal, state, and local level that require only an undergraduate degree in economics. What economists do in business is as broad and varied as the full scale of managing a firm's operations; economists are found in staff departments handling marketing, business planning and policy,

finance, international operations, government relations, and even purchasing and operating logistics. An economics degree also combines well with training in other disciplines such as finance, real estate, political science, journalism, history, law, and foreign languages.

Students who plan to have a career or pursue graduate work that uses economics should consider the courses linked at economics.gsu.edu/files/2014/12/ECON-Recommended-Economic-Courses.pdf. The listings are suggestions for broad categories and do not exclude other offerings. These suggestions do not replace advisement or override any degree requirements regarding choices of major or elective courses.

A Top Ranked Program: The Department of Economics is ranked 1st in Georgia, and 9th among 33 Southeastern programs, and 50th in the U.S., according to a recent issue of the *Southern Economic Journal,* with considerably higher national rankings in the subfields that our faculty selected as primary areas of concentration, including: 8th in Urban, Rural and Regional Economics; 11th in Public Economics; 20th in Agricultural and Natural Resource Economics; 23rd in Labor and Demographic Economics. The department also got high marks in general Economics and teaching (14th), methodology and History of Economic Thought (16th).

Program Admission

There are no admission requirements above the requirements for admission to the University for enrollment in the B.A. or B.S. with a major in Economics or the B.A. with a major in International Economics and Modern Languages.

Program Financial Information

There are no additional fees other than the tuition and fees charged by the University for enrollment in these programs.

Program Degree Requirements

For degree credit, a minimum grade of C must be attained in ENGL 1101 and ENGL 1102, in all courses in the major common core curriculum, policy/business and minor for the B.A. and B.S. degrees with a major in Economics, and in all courses in the major common core curriculum and modern languages concentration for the B.A. with a major in International Economics and Modern Languages.

2110.10 Bachelor of Arts Major in Economics

Complete descriptions of requirements for Areas A through E of the Undergraduate Core Curriculum can be found in the "University Degree Requirements and Graduation" chapter of this catalog. The number of semester hours credit required for each section is shown in parentheses. Students may not receive both a B.A. and a B.S. degree from the Andrew Young School of Policy Studies with a major in economics.

Area A: Essential Skills (9)

Area B: Institutional Options (4)

Area C: Humanities and Fine Arts (6)

Area D: Math, Technology and Science (11)

Area E: Social Science (12)

Area F: Courses Appropriate to the Major (18)

- ECON 2105 Principles of Macroeconomics
- ECON 2106 Principles of Microeconomics
- MATH 1070 Elementary Statistics – If taken in Area D, a 1000/2000 level elective from Areas A-E may be substituted.
- Foreign language sequence requirement (6): 1001/1002 or 2001/2002. Choose from Arabic, Chinese, French, German, Hebrew, Japanese, Korean, Latin, Portuguese, Persian, Russian, Swahili, Spanish, or Turkish. A combined course, FREN 1101 or SPAN 1101, will satisfy the Area F requirement. If part of your sequence was used in Area C, you must choose an additional 1000/2000 level elective from Areas A-E.
- Elective: One 1000/2000 level course chosen from Areas A-E.

Area G: Major Common Core Curriculum (24). A minimum grade of C is required for all courses in this area.

- ECON 3900 Macroeconomics-CTW
- ECON 3910 Microeconomics
- ECON 4999 Senior Capstone in Economic Policy*
- Choose five 4000 level ECON courses (15)*

*The prerequisites for ECON 4999 are ECON 3900, ECON 3910, and two 4000-level economics courses with a grade of C or better. Students are to plan accordingly with regard to the course prerequisites and graduation.

**Students accepted into the dual program B.A. Economics and M.A.T. Social Studies Education are eligible to complete the 7000-level versions of the economics undergraduate classes and have them count toward both the B.A. and M.A.T. degrees. Students in this program should take twelve semester hours (12) of 7000-level economics courses to count in place of some of the fifteen semester hours (15) of 4000-level economics courses required in area G. It is recommended that students include ECON 7100 Economics for Teachers in their 7000-level economics courses.

**Students accepted into the dual program B.A. Economics and M.A. Economics are eligible to complete graduate-level versions of the economics undergraduate classes and have them count toward both the B.A. and M.A. degrees. Students in this program should take twelve semester hours (12) of graduate-level economics courses to count in place of some of the fifteen semester hours (15) of 4000-level economics courses required in area G.

Area H: Policy/Business (6). A minimum grade of C is required for all courses in this area.

Select two courses from the following three topic areas: *Both courses cannot be taken from the same topic area, and courses may not be from the department in which the student is receiving the minor.*

1. **Policy:**
    - CRJU 3030 Criminal Justice and Public Policy
    - GEOG 4762 Economics Geography
    - GEOG 4764 Urban Geography
    - 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 3210 Introduction to Nonprofits
    - PMAP 3311 Critical Policy Issues
    - PMAP 4051 Evaluating Public Policy
    - PMAP 4421 GIS Applications to Planning and Policy Analysis
    - POLS 3110 State Government
    - POLS 3400 International Politics
    - POLS 3750 Public Policy Analysis
    - POLS 4430 International Political Economy
    - POLS 4450 Foreign Policy Decision Making
    - SW 3930 Social Welfare Policy
2. **Math/Business:**
    - MATH 3000 Bridge to Higher Mathematics
    - MATH 3260 Differential Equations
    - MATH 3435 Introductory Linear Algebra
    - MATH 4211 Optimization
    - MATH 4265 Partial Differential Equations
    - MATH 4435 Linear Algebra
    - MATH 4547 Introduction to Statistical Methods
    - MATH 4548 Methods of Regression and Analysis of Variance
    - MATH 4661 Analysis I
    - MATH 4752 Analysis II
    - MATH 4751 Mathematical Statistics I
    - MATH 4752 Mathematical Statistics II
    - ACCT Any 3000/4000 course
    - BCOM Any 3000/4000 course
    - CIS Any 3000/4000 course
    - FI Any 3000/4000 course
    - IB Any 3000/4000 course
    - MGS Any 3000/4000 course
    - MK Any 3000/4000 course
    - RMI Any 3000/4000 course
3. **Skills:**
    - CPS 3300 Interpersonal Skills
    - ENGL 3130 Business Writing
    - LGLS 3020 Introduction to the Law
    - LGLS 4050 Principles of Business Law
    - POLS 3145 Introduction to American Law

- POLS 4130 American Constitutional Law
- PHIL 3730 Business Ethics
- PHIL 4500 Symbolic Logic
- PHIL 4760 Ethics and Contemporary Public Policy-Ethics Bowl
- PHIL 4820 Philosophy of 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
- EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities**

Area I: Minor (15). The 15 semester hours in the minor must include nine semester hours at the 3000/4000 level. A grade of C or higher is required in all minor courses. The minor area must consist of 15 semester hours in one department/school/institute other than the major. For some minors, the department/school/institute has designated specific courses that must be completed to constitute the minor.

Area J: Electives (15). These 15 semester hours must include six semester hours at the 3000/4000 level. Elective courses to complement the major are selected in consultation with the faculty advisor or undergraduate academic advisor in the University Advisement Center or Office of Academic Assistance.

** Students accepted into the dual program B.A Economics and M.A.T Social Studies Education should enroll in EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3) and six hours of graduate-level courses in the College of Education and Human Development. EXC 4020 can count in area H of the B.A. Economics degree program. The additional six hours of graduate-level courses in the College of Education and Human Development should be selected in consultation with the student's academic advisor, and can count in area J of the B.A. Economics Degree program.

***Students accepted into the dual program B.A Economics and MA Economics should enroll in nine hours of graduate level economics courses. The additional nine hours of graduate level economics courses should be selected in consultation with the Department of Economics MA program director, and can count in area J of the B.A. Economics Degree program.

Total Semester Hours for Degree: 120

2110.11 Bachelor of Science Major in Economics

Complete descriptions of requirements for Areas A through E of the Undergraduate Core Curriculum can be found in the "University Academic Regulations" chapter of this catalog. The number of semester hours credit required for each section is shown in parentheses.

Area A: Essential Skills (9)

Area B: Institutional Options (4)

Area C: Humanities and Fine Arts (6)

Area D: Math, Technology and Science (11)

Area E: Social Science (12)

Area F: Courses Appropriate to the Major (18)

- ECON 2105 Principles of Macroeconomics
- ECON 2106 Principles of Microeconomics
- MATH 1070 Elementary Statistics – If taken in Area D, a 1000/2000 level elective from Areas A-E may be substituted.
- MATH 1220 Survey of Calculus
- Electives: Two 1000/2000 level courses from Areas A-E.

Area G: Major Common Core Curriculum (24). A minimum grade of C is required for all courses in this area.

- ECON 3900 Macroeconomics-CTW
- ECON 3910 Microeconomics
- ECON 4950 Econometrics and Applications
- ECON 4999 Senior Capstone in Economic Policy*
- Choose four 4000-level courses (12)

*The prerequisites for ECON 4999 are ECON 3900, ECON 3910, and two 4000-level economics courses with a grade of C or better. Students are to plan accordingly with regard to the course pre-requisites and graduation.

**Students accepted into the dual program B.A. Economics and M.A.T. Social Studies Education are eligible to complete the 7000-level versions of the economics undergraduate classes and have them count toward both the B.A. and M.A.T. degrees. Students in this program should take twelve semester hours (12) of 7000-level economics courses to count in place of some of the fifteen semester hours (15) of 4000-level economics courses required in area G. It is recommended that students include ECON 7100 Economics for Teachers in their 7000-level economics courses.

**Students accepted into the dual program B.A. Economics and M.A. Economics are eligible to complete graduate-level versions of the economics undergraduate classes and have them count toward both the B.A. and M.A. degrees. Students in this program should take twelve semester hours (12) of graduate-level economics courses to count in place of some of the fifteen semester hours (15) of 4000-level economics courses required in area G.

Area H: Policy/Business (6). A minimum grade of C is required for all courses in this area.

Select two courses from the following three topic areas. *Both courses cannot be taken from the same topic area, and courses may not be from the department in which the student is receiving the minor.*

1. **Policy:**
    - CRJU 3030 Criminal Justice and Public Policy
    - GEOG 4762 Economic Geography

- GEOG 4764 Urban Geography
- 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 3210 Introduction to Nonprofits
- PMAP 3311 Critical Policy Issues
- PMAP 4051 Evaluating Public Policy
- PMAP 4421 GIS Applications to Planning and Policy Analysis
- POLS 3110 State Government
- POLS 3400 International Politics
- POLS 3750 Public Policy Analysis
- POLS 4430 International Political Economy
- POLS 4450 Foreign Policy Decision Making
- SW 3930 Social Welfare Policy

2. **Math/Business:**
    - MATH 3000 Bridge to Higher Mathematics
    - MATH 3260 Differential Equations
    - MATH 3435 Introductory Linear Algebra
    - MATH 4211 Optimization
    - MATH 4265 Partial Differential Equations
    - MATH 4435 Linear Algebra
    - MATH 4547 Introduction to Statistical Methods
    - MATH 4548 Methods of Regression and Analysis of Variation
    - MATH 4661 Analysis I
    - MATH 4662 Analysis II
    - MATH 4751 Mathematical Statistics I
    - MATH 4752 Mathematical Statistics II
    - ACCT Any 3000/4000 course
    - BCOM Any 3000/4000 course
    - CIS Any 3000/4000 course
    - FI Any 3000/4000 course
    - IB Any 3000/4000 course
    - MGS Any 3000/4000 course
    - MK Any 3000/4000 course
    - RMI Any 3000/4000 course
3. **Skills:**
    - CPS 3300 Interpersonal Skills
    - ENGL 3130 Business Writing
    - LGLS 3020 Introduction to the Law
    - LGLS 4050 Principles of Business Law
    - POLS 3145 Introduction to American Law
    - POLS 4130 American Constitutional Law
    - PHIL 3730 Business Ethics
    - PHIL 4500 Symbolic Logic

- PHIL 4760 Ethics and Contemporary Public Policy-Ethics Bowl
- PHIL 4820 Philosophy of 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
- EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities**

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.

** Students accepted into the dual program B.A Economics and M.A.T Social Studies Education should enroll in EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3) and six hours of graduate-level courses in the College of Education and Human Development. EXC 4020 can count in area H of the B.A. Economics degree program. The additional six hours of graduate-level courses in the College of Education and Human Development should be selected in consultation with the student's academic advisor, and can count in area J of the B.A. Economics Degree program.

***Students accepted into the dual program B.A Economics and MA Economics should enroll in nine hours of graduate level economics courses. The additional nine hours of graduate level economics courses should be selected in consultation with the Department of Economics MA program director, and can count in area J of the B.A. Economics Degree program.

Elective courses to complement the major are selected in consultation with the faculty advisor or undergraduate advisor in the University Advisement Center or Office of Academic Assistance.

Total Semester Hours for Degree: 120

Concentration in Social Studies Education

The Social Studies Education Concentration in Economics is designed for students who wish to become secondary school teachers. This degree provides the initial content area preparation for the Master of Arts in Teaching (M.A.T.) in Social Studies Education in the College of Education and Human Development at Georgia State or a similar master's degree at another university. For teacher certification, the student must also complete the M.A.T. in Social Studies Education or a similar master's degree at another university.

The Social Studies Education Concentration in Economics is designed to provide students with the content area preparation required for teaching economics and other social studies courses at the middle and high school levels. Students pursuing this concentration must take 21 hours in economics and must also choose three allied fields from the following departments, taking nine hours in each (for a total of 27 hours in allied fields): African-American studies, geography, history, political science, and only one of the behavioral science departments of sociology, anthropology, or psychology.

Area G: Major Courses (21): A grade of C or higher is required in all major courses.

- ECON 3900 Macroeconomics -CTW (3)
- ECON 3910 Microeconomics (3)
- ECON 4999 Senior Capstone in Economic Policy (3)*
- Choose four 4000 level economics courses (12)

*The prerequisites for ECON 4999 are ECON 3900, ECON 3910, and two 4000-level economics courses with a grade of "C" or better. Students are to plan accordingly with regard to the course prerequisites and graduation.

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): These 12 semester hours must be at the 3000/4000 level. Elective courses to complement the major are selected in consultation with the faculty mentor or undergraduate advisor in the University Advisement Center or Office of Academic Assistance.

Total Semester Hours for Degree: 120

Economics as an Allied Field (9): If a student chooses economics as one of their three allied fields, three courses must be chosen from the following two lists: *At least one course must be taken from each list.*

1. **Macroeconomics & Policy** – These courses have ECON 2105 as a prerequisite:
    - ECON 3900 Macroeconomics-CTW
    - ECON 4500 Money and Credit
    - ECON 4600 Economic Development
    - ECON 4810 International Finance
2. **Microeconomics & Policy –** These courses have ECON 2106 as a prerequisite:
    - ECON 3910 Microeconomics
    - ECON 4210 Health Economics
    - ECON 4220 Environmental Economics and Policy
    - ECON 4230 Experimental Economics
    - ECON 4300 Economics of Cities
    - ECON 4350 Economics of Poverty and Public Policy
    - ECON 4400 Public Sector Economics
    - ECON 4470 Industrial Organizations: Regulation and Antitrust Economics
    - ECON 4800 International Trade
    - ECON 4960 Economics of Work and Pay

2110.12 Minor in Economics:

Students who wish to minor in economics must take 15 semester hours of courses in economics, with at least nine of those semester hours at the 3000 level or above. Students taking more than 15 semester hours

in courses in economics may count the additional hours toward their electives or may consider completing a double major. (A grade of C or higher is required in all courses counting toward the minor).

2120 International Economics and Modern Languages

2120.10 Bachelor of Arts Major in International Economics and Modern Languages

Complete descriptions of requirements for Areas A through E of the Undergraduate Core Curriculum can be found in the "University Academic Regulations" chapter of this catalog. The number of semester hours credit required for each section is shown in parentheses.

Area A: Essential Skills (9)

Area B: Institutional Options (4)

Area C: Humanities and Fine Arts (6)

Area D: Math, Technology and Science (11)

Area E: Social Science (12)

Area F: Courses Appropriate to the Major (18)

- ECON 2105 Principles of Macroeconomics (3)
- ECON 2106 Principles of Microeconomics (3)
- MATH 1070 Elementary Statistics (3) – If taken in Area D, a 1000/2000 level elective from Areas A-E may be substituted.
- Elective (3): One 1000/2000 level course chosen from Areas A-E. Students with a language concentration in Spanish must choose SPAN 2203 or 2501 as the Area F elective.
- Foreign Language (6) – select one of the following three language options:
    1. Chinese:
        - CHIN 2001 Intermediate Chinese I
        - CHIN 2002 Intermediate Chinese II
    2. French:
        - FREN 2001 Intermediate French I
        - FREN 2002 Intermediate French II
    3. German:
        - GRMN 2001 Intermediate German I
        - GRMN 2002 Intermediate German II
    4. Spanish:
        - SPAN 2001 Intermediate Spanish I
        - SPAN 2002 Intermediate Spanish II

Note: Students who have not already attained elementary-level proficiency in their chosen language will be required to take prerequisite courses: CHIN, FREN, GRMN, or SPAN 1001 and/or 1002. In that case, the 1002 language course may be used to satisfy 3 semester hours of core requirements

in Area C, *Humanities and Fine Arts*.

Students who have already attained intermediate-level competency in the primary language may substitute 1000/2000 level courses in another language for CHIN, FREN, GRMN, or SPAN 2001/2002 (or SPAN 2203 or SPAN 2501) upon approval of the Department of World Languages and Cultures advisor.

Area G: Economics Common Core Curriculum (24). A minimum grade of C is required for all courses in this area.

- ECON 3900 Macroeconomics-CTW
- ECON 3910 Microeconomics
- ECON 4600 Economic Development
- ECON 4800 International Trade
- ECON 4810 International Finance
- ECON 4999 Senior Capstone in Economic Policy*
- Choose two 4000-level Econ courses (6)

*The prerequisites for ECON 4999 are ECON 3900, ECON 3910, and two 4000-level economics courses with a grade of C or better. Students are to plan accordingly with regard to the course pre-requisites and graduation.

Area H: Modern Languages Common Core (24). A minimum grade of C is required for all courses in this area.

1. **Chinese Language and Society:**
    - CHIN 3001 Advanced Chinese I
    - CHIN 3002 Advanced Chinese II
    - CHIN 3080 Topics in Chinese Studies-CTW
    - CHIN 3081 Cultural Dimensions of Language Learning-CTW
    - IB 4030 China's Economy and International Business Environment
    - CHIN 4011 Chinese for International Business I
    - CHIN 4012 Chinese for International Business II
    - Choose one from the following list of courses (3):
        - CHIN 3395 Study Abroad
        - CHIN 3396 Study Abroad
        - AH 4800 Special Studies Lecture (if Chinese Art)
        - HIST 3700 China and Japan to 1600
        - HIST 3710 China and Japan since 1600
        - HIST 4890 Topics in World History (if China)
        - POLS 4465 China in the International System
        - POLS 4257 Chinese Politics
        - [PT 4130] Taichi: Therapeutic Exercise
        - [PT 4140] Taichi: Therapeutic Exercise
        - RELS 4622 Classical Chinese Philosophy
        - RELS 4620/PHIL 4620 Confucianism and Taoism
        - RELS 4615/PHIL 4615 Buddhism

        - RELS 4628 Topics in Asian Religion (if China-related)
2. **French:**
    - FREN 3013 Intensive Grammar Review
    - FREN 3023 Advanced Conversation and Composition
    - FREN 3033 Introduction to Analysis of Literary Texts-CTW
    - FREN 4033 French for International Business I
    - FREN 4043 French for International Business II
    - FREN 4053 Advanced Grammar and Translation
    - FREN 4123 Contemporary France -CTW
    - Choose one elective FREN 3000/4000 course (3)
3. **German:**
    - GRMN 3301 Advanced German I-CTW
    - GRMN 3302 Advanced German II
    - GRMN 3311 Introduction to Reading German Literature
    - GRMN 3313 Introduction to German Cultural Studies
    - GRMN 4431 German for International Business I
    - GRMN 4432 German for International Business II
    - Choose two of the following list of courses (6):
        - GRMN 4402 Advanced Grammar-CTW
        - GRMN 4422 Contemporary German
        - GRMN 4435 Techniques of Translation
4. **Spanish:**
    - SPAN 3303 Advanced Grammar *or* Span 3501 Advanced Spanish for Heritage Speakers
    - SPAN 3304 Advanced Spanish Composition
    - SPAN 3311 Hispanic Culture
    - 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) These 12 semester hours can be at any level. Elective courses to complement the major are selected in consultation with the faculty mentor or undergraduate advisor in the University Advisement Center or Office of Academic Assistance.

Total Semester Hours for Degree: 120

2121 Dual Degree and Certificate Programs in Economics

2121.10 B.S./B.A. Economics or BA in International Economics and Modern Languages/ M.A. in Economics Dual Degree Program

This dual degree program, allowing completion of both a bachelors degree and a masters degree in approximately 5 years, is available to undergraduates majoring in economics who have completed at least 30 hours of academic credit and who have earned a minimum cumulative GPA of 3.3. Students may apply to this program at any time after completing 30 hours but prior to completing 90 hours of undergraduate coursework. Applicants are applying for early acceptance into the M.A. in Economics program and

therefore must submit the following documentation in addition to meeting the GPA requirement:

- Complete the B.S./M.A. or B.A./M.A. pre-application form. This will be kept on file in the Department of Economics and in the Office of Academic Assistance in the Andrew Young School of Policy Studies.
- Two letters of recommendation (academic or professional)
- Personal statement of goals and/or reasons to enter the M.A. program

Final acceptance into the M.A. 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./ B.A. degree in Economics or B.A. in IEML.

The curriculum allows students to satisfy the content requirement of the M.A. program by enrolling in the 6000-level or 8000-level counterparts of the economics courses. Normally, students in their 4th year are enrolled in both the B.S. or B.A. and the M.A. programs, and will receive the B.S or B.A. after the 4th year. In the 5th year, students will take graduate courses and complete their M.A. research paper.

The M.A. Economics requirements are described more fully in the Department of Economics section 2050.20 of the Graduate Catalog. For more information on this program's curriculum, please contact the Department of Economics.

Total Semester Hours for Dual Degree: 148

2121.20 B.S./B.A. Economics/ M.A.T. Social 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 economics who have completed at least 30 hours of academic credit and who have earned a minimum cumulative GPA of 3.3. Students may apply to the option at any time after completing 30 hours, but prior to completing 90 hours of undergraduate coursework. Applicants are applying for early acceptance into the College of Education and Human Development's M.A.T. program and therefore must submit the following documentation in addition to meeting the GPA requirement:

- Complete the B.S./M.A.T. or B.A./M.A.T. pre-application form. This will be kept on file in the Department of Economics and in the Office of Academic Assistance in the Andrew Young School of Policy Studies.
- 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 Economics and in the College of Education and Human Development

Final acceptance into the M.A.T. portion of the program will be contingent upon the following:

- Maintaining a cumulative GPA of 3.0 or higher;
- Completion of 90 hours towards the B.S. or B.A. degree in Economics;
- Submission of acceptable GRE scores;
- Filing an application to the M.A.T. program by the appropriate deadline.
- Submission of passing scores on the GACE Program Admission Assessment (or provide an exemption)

The curriculum allows students to satisfy the content requirement of the M.A.T. program by enrolling in the 7000-level counterparts of the economics courses. In addition, to meet the M.A.T. and teacher certification requirements, students will enroll in EXC 4020 and six hours of graduate-level courses required for the M.A.T. in satisfying nine hours of elective credits towards the B.S. or B.A. in Economics.

Normally, students in their 4th year are enrolled in both the B.S. or B.A. and the M.A.T. programs and will receive the B.S or B.A. after the 4th year. In the 5th year, students will take professional education courses (24 semester hours) and will focus on the student teaching requirements.

For more information on this program's curriculum, please contact the Department of Economics. The M.A.T. requirements for Social Science Education are described more fully in the College of Education and Human Development section of the Graduate Catalog.

Total Semester Hours for Dual Degree: 147

2125 Certificates in Economics

Certificates: The Department of Economics offers a certificate to students, which indicates that they have successfully completed (with a minimum grade of C) a concentration of economics courses in a specialty area. These certificates are conferred by the department and will not appear on official transcripts or diplomas from the university. Certificates are available to majors and non-majors.

Certificates are available in the following areas:

- Analytical Economics (choose 3 or 4 courses): ECON 4230, ECON 4750, ECON 4930, ECON 4950 .
- Business Policy Analysis (choose 3 of 4 courses): ECON 4470, ECON 4500, ECON 4950, ECON 4960.
- Development Economics (choose 3 of 4 courses): ECON 4600, ECON 4610, ECON 4620, ECON 2100 (may be used in core Area E).
- Economic History: ECON 4080, ECON 4680, and choose one 4000-level Economics Elective.
- The Economics of Urban Growth and the Quality of the Environment (choose 3 of 4 courses): ECON 4220, ECON 4300, ECON 4400, ECON 4600.
- Human Resource Economics (choose 3 of 4 courses): ECON 4210, ECON 4300, ECON 4350, ECON 4960.
- International Economics (choose 3 of 4 courses): ECON 4600, ECON 4800, ECON 4810, ECON 2100 (may be used in core Area E).

- Public Policy (choose 3 of 4 courses): ECON 4220, ECON 4350, ECON 4400, ECON 4470.

For more information about certificates or concentration in Economics visit this website: aysps.gsu.edu/economics/concentration-completion-certificate-form/.

2130 Public Policy

Programs Offered:

1. **B.S. in Public Policy**
2. **Minors in Policy Studies**
    - Minor in Public Policy
    - Minor in Nonprofit Leadership
    - Minor in Planning & Economic Development

Program Admission

There are no admission requirements above the requirements for admission to the University for enrollment in the B.S. program with a major in Public Policy.

Program Financial Information

There are no additional fees other than the tuition and fees charged by the University for enrollment in this program.

Program Degree Requirements

For degree credit, a minimum grade of C must be attained in ENGL 1101, ENGL 1102, ECON 2105, ECON 2106, MATH 1070 and all courses in the major common core curriculum and the concentration.

2130.10 Bachelor of Science Major in Public Policy

Mission: The mission of the Public Policy program is to prepare students for roles as effective citizens and people who work in the public service. We seek talented and motivated students who want to develop the knowledge, skills, and values required to become responsible and visionary leaders in a wide range of settings. While many graduates of our program choose to enter a career in the public sector or in nonprofit agencies, others make contributions to their community, state, and nation as active citizens in the civic and public arenas.

The career of the namesake of the School, Ambassador Andrew Young, illustrates how individuals can move from nonprofit organizations to public life and the private sector, while being a part of our increasingly global society. Students in the Bachelor of Science in Public Policy program learn about the institutions of a democracy and the ways in which policy making organizations relate to one another. Students acquire skills in policy writing, critical thinking, and analysis that are in demand by governmental agencies and nonprofit groups, as well as graduate and professional schools. Above all, they learn how to make a difference by becoming engaged in civic and public life.

Career Opportunities: A policy major can work as a city manager, community relations specialist, local or regional planner, policy analyst, environmental resource specialist, human resource manager, journalist, politician or campaign strategist, volunteer coordinator, nonprofit leader, or in many other exciting careers that make a difference.

Many graduates of the Bachelor of Science in Public Policy establish careers in public service. These alumni work in a variety of agencies including federal, state, and local governments as well as a number of public agencies. Others are employed in not-for-profit organizations that address many important needs. Some alumni work in the business world, but use the knowledge and skills from their Public Policy degree to become better, more active citizens in the civic and public arenas. The degree program also provides an excellent preparation for graduate study in law, public policy and administration, and related fields.

A Top Ranked Program: The Andrew Young School of Policy Studies (AYSPS) is nationally recognized as having one of the elite programs in the field of public policy and management. *U.S. News and World Report's* 2017 Best Public Affairs Schools issue ranks the Andrew Young School No. 25 overall: No. 5 in Public Finance & Budgeting, No. 9 in City Management/Urban Policy, No. 10 in Nonprofit Management, No. 19 in Public Management Administration, and No. 22 in public policy analysis. A B.S. in Public Policy provides students the resources to be leaders and innovators in the public sphere for years after they have graduated from the program.

Complete descriptions of requirements for Areas A through E of the Undergraduate Core Curriculum can be found in the "University Academic Regulations" chapter of this catalog. The number of semester credit hours required for each section is shown in parentheses.

Area A: Essential Skills (9)

Area B: Institutional Options (4)

Area C: Humanities and Fine Arts (6)

Area D: Math, Technology and Science (11)

Area E: Social Science (12)

Area F: Courses Appropriate to the Major (18)

1. **Required Courses (15):**
    - ECON 2105 Principles of Macroeconomics (C or better) (3)
    - ECON 2106 Principles of Microeconomics (C or better) (3)
    - MATH 1070 Elementary Statistics (C or better) (3)
    - SOCI 1101 Introductory Sociology (3)
    - PSYC 1101 Introduction to Psychology (3)
2. **Elective (3):** One course chosen from the 1000-2000 level offerings of the College of Arts and Sciences, Robinson College of Business, College of Education and Human Development (with restrictions), or the Andrew Young School of Policy Studies.

Area G: Major Common Core Curriculum (21): C or better grade is required of all courses in this area.

- PMAP 3021 Citizenship in the Local Community
- PMAP 3031 Policy Leadership
- PMAP 3311 Critical Policy Issues-CTW
- PMAP 4041 Policy Data Analysis
- PMAP 4051 Evaluating Public Policy
- PMAP 4061 Introduction to Policy Analysis
- Choose one:
    - PMAP 3005 Career Planning and Management*
    - PMAP 4941 Internship*

* All undergraduate students without significant prior administrative experience in a public or nonprofit agency or a related organization must either perform a 200-hour internship (PMAP 4941) or take PMAP 3005. Internship experiences allow students to apply concepts and skills learned in their coursework, enhance professional growth and development, and provide work experience that appeals to employers. The department's internship coordinators and the AYSPS Office of Career Services assist in searching for appropriate internships, but students are expected to take the lead in this search. Students may work full-time or part-time, according to their needs and those of their internship sponsor. Many students find paid internships, but some unpaid internships 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/pmap-internship. Students with substantial prior administrative experience may petition to waive this requirement. Petition forms are available online through the Office of Academic Assistance at aysps.wufoo.com/forms/undergraduate-petition/.

* Students who choose to take PMAP 3005 may also perform an internship (PMAP 4941) as an elective in any concentration. Neither PMAP 3005 nor PMAP 4941 can be counted to fulfill both core and concentration requirements.

Area H: Concentration (21): A C or better grade is required for all courses in this area.

Students must choose one concentration from:

- Nonprofit Leadership *or*
- Planning and Economic Development *or*
- Public Management and Governance

1. **Nonprofit Leadership (21):** The nonprofit leadership concentration allows students to learn about the important role of nonprofit organizations in addressing social issues and interests in a democratic society and participating in the formulation and implementation of public policy. Through this concentration, students will become aware of the many and diverse career opportunities in the nonprofit sector, in areas such as the arts, social services, education, health care, the environment, policy advocacy, and international relief and development. They will learn the skills, knowledge and challenges of leadership in this sector. This concentration involves a service learning component and will prepare students for entry level jobs in nonprofit management and for graduate study in nonprofit organizations, philanthropy, and related fields.
    a. **Required Courses (15):**

- PMAP 3210 Introduction to the Nonprofit Sector
- PMAP 3213 Nonprofit Financial Resources
- PMAP 3231 Nonprofit Management and Leadership
- PMAP 4211 Human Resource Management Systems in Public and Nonprofit Organizations
- PMAP 4411 Introduction to the Law for Public and Nonprofit Managers

b. **Concentration Courses (6)** – select two courses from the following:
- PMAP 3005 Career Planning and Managment
- PMAP 3211 Career Development in Public and Nonprofit Organizations
- PMAP 3411 Contemporary Planning
- PMAP 3801 Public Administration and Politics
- PMAP 4451 Economic Development Policy

2. **Planning and Economic Development (21):** The planning and economic development concentration prepares students to work in both the public and private sectors addressing issues facing urban communities. It is appropriate for students who want to pursue careers or further study in the planning, development and management of communities. Courses introduce students to forces shaping the development of urban regions. Special attention is paid to planning for economic development, environmental quality, housing, land use, neighborhood revitalization, and transportation. During their studies, students learn about the variety of policies and strategies that citizens and planners can use to influence development.
   a. **Required courses (15):**
   - ECON 4300 Economics of Cities
   - PMAP 3011 Policy and Politics in the American City
   - PMAP 3411 Contemporary Planning
   - PMAP 4401 Urban Demography and Analysis
   - PMAP 4451 Economic Development Policy

   b. **Concentration Electives (6) –** select two courses from the following:
   - ECON 4350 Economics of Poverty and Public Policy
   - ECON 4600 Economic Development
   - PMAP 3005 Career Planning and Managment
   - 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
   - PMAP 4421 GIS Applications to Planning and Policy Analysis

3. **Public Management and Governance (21):** How does government work, and what can we do to make it work better? The public management and governance concentration is for students who are excited about how government operates and how policies are converted into action. These are fascinating topics for those interested in improving the lives of citizens in communities and nations, and learning how to better address specific policy issues. Students in this concentration will also acquire the skills needed to compete for entry level jobs in governments, consulting firms, and with government contractors. This is the type of knowledge that would also be useful for students contemplating a professional degree in public administration, law, planning, or some type of policy research (think tanks, advocacy groups, universities, and/or lobbying organizations).
   a. **Required courses (15):**
   - PMAP 3411 Contemporary Planning

- PMAP 3801 Public Administration and Politics
- PMAP 3831 Governmental Budgeting
- PMAP 4301 Local Governance
- PMAP 4451 Economic Development Policy

b. **Concentration Electives (6)** – select two courses from the following:
- PMAP 3005 Career Planning and Managment
- PMAP 3210 Introduction to the Nonprofit Sector
- PMAP 4211 Human Resource Management Systems in Public and Nonprofit Organizations
- PMAP 4411 Introduction to the Law for Public and Nonprofit Managers
- PMAP 4421 GIS Applications to Planning and Policy Analysis

Area I: Approved Electives (18). Students are required to complete 18 credit hours of advisor approved electives to complete an undergraduate degree. These may be accumulated in any field of study outside the PMAP department. PMAP requires 9 hours (three classes) of these electives to be upper division 3000/4000 level classes, with all 18 hours requiring advisor approval. A grade of "C" or better is recommended for approval.

Total Semester Hours for Degree – 120

2130.11 Minors in Policy Studies

Three minors are offered through the Department of Public Management and Policy (PMAP).

1. **Minor in Public Policy (15):**
   This is the most general of the three minors offered in PMAP. A public policy minor can work as a city manager, community relations specialist, local or regional planner, policy analyst, environmental resource specialist, human resource manager, journalist, politician or campaign strategist, volunteer coordinator, nonprofit leader, or in many other exciting careers that make a difference. The minor allows students to select from public administration and leadership courses that will complement their major and their chosen career path, thereby opening doors into the public sector and broadening your employment opportunities beyond private (for profit) industry. Students wishing to minor in public policy should take 15 semester hours (5 courses) of PMAP courses at the 3000 level or above.
   Course Titles (15) – select five courses from the following:

   - PMAP 3011 Policy & Politics in the American City
   - PMAP 3021 Citizenship in the Local Community
   - PMAP 3031 Policy Leadership
   - PMAP 3111 Urban Political Economy
   - PMAP 3210 Introduction to Nonprofits
   - PMAP 3211 Career Development in Public & Nonprofit Organizations
   - PMAP 3213 Nonprofit Financial Resources
   - PMAP 3231 Nonprofit Leadership & Management
   - PMAP 3311 Critical Policy Issues – CTW
   - PMAP 3411 Contemporary Planning

- PMAP 3801 Public Administration and Politics
- PMAP 3831 Governmental Budgeting
- PMAP 4041 Policy Data Analysis
- PMAP 4051 Evaluating Public Policy
- PMAP 4061 Introduction to Policy Analysis
- PMAP 4211 Human Resource Management Systems in Public and Nonprofit Organizations
- PMAP 4301 Local Governance
- PMAP 4401 Urban Demography and Analysis
- PMAP 4411 Intro to the Law for Public & Nonprofit Managers
- PMAP 4421 GIS Applications to Planning and Policy Analysis
- PMAP 4451 Economic Development Policy
- PMAP 4941 Internship

2. **Minor in Nonprofit Leadership (15):**
   The nonprofit leadership minor allows students to learn about the important role of nonprofit organizations in addressing social issues and interests in a democratic society, and participating in the formulation and implementation of public policy. Through this minor, students will become aware of the many and diverse career opportunities in the nonprofit sector, in areas such as the arts, social services, education, health care, the environment, policy advocacy, and international relief and development, and thy will learn the skills, knowledge and challenges of leadership in this sector. This minor will prepare students for entry level jobs in nonprofit management and for graduate study in nonprofit organizations, philanthropy, and related fields. The minor in nonprofit leadership requires 15 hours of coursework, which must include 3 credit hours of required courses and 12 additional credit hours from a list of pre-approved courses. Students are strongly encouraged to complete PMAP 4941 (Internship) as part of their minor.

   a. **Required course (3):**
      - PMAP 3210 Introduction to the Nonprofit Sector*
   b. **Electives (12)** – select four courses from the following:
      - PMAP 3031 Policy Leadership
      - PMAP 3213 Nonprofit Financial Resources*
      - PMAP 3231 Nonprofit Management and Leadership*
      - PMAP 3411 Contemporary Planning
      - PMAP 3801 Public Administration and Politics
      - PMAP 4211 Human Resource Management Systems in Public & Nonprofit Organizations
      - PMAP 4411 Intro to the Law for Public & Nonprofit Managers
      - PMAP 4451 Economic Development Policy and Planning
      - PMAP 4941 Internship*

   *Students who complete the courses marked with an asterisk are eligible to earn the Nonprofit Leadership Alliance national certificate in Nonprofit Leadership. To learn more about the Nonprofit Leadership Alliance, please visit our website at aysps.gsu.edu/nonprofit-leadership-alliance-student-organization.

3. **Minor in Planning & Economic Development (15):**
   The planning and economic development minor prepares students to work in both the public and private sectors addressing issues facing urban communities. This minor is appropriate for students who want to pursue careers or further study in the planning, development and management of

communities. Courses introduce students to forces shaping the development of urban regions. Special attention is paid to planning for economic development, environmental quality, housing, land use, neighborhood revitalization, and transportation. During their studies, students learn about the variety of policies and strategies that citizens and planners can use to influence development. The minor in Planning & Economic Development requires 15 hours of coursework, which must include 3 credit hours of required courses and 12 additional credit hours from a list of pre-approved courses. Students are strongly encouraged to complete PMAP 4941 (Internship) as part of their minor.

a. **Required course (3):**
    - PMAP 3411 Contemporary Planning
b. **Electives (12)** – select four courses from the following:
    - PMAP 3111 Urban Political Economy
    - PMAP 3031 Policy Leadership
    - PMAP 3801 Public Administration and Politics
    - PMAP 3831 Governmental Budgeting
    - PMAP 4301 Local Governance
    - PMAP 4401 Urban Demography and Analysis
    - PMAP 4411 Intro to the Law for Public & Nonprofit Managers
    - PMAP 4421 GIS Applications to Planning and Policy Analysis
    - PMAP 4451 Economic Development Policy
    - PMAP 4941 Internship
    - ECON 4300 Economics of Cities
    - ECON 4350 Economics of Poverty and Public Policy
    - ECON 4600 Economic Development

2130.15 Nonprofit Leadership Alliance Certificate in Nonprofit Management and Leadership

The Department of Public Management and Policy is affiliated with the Nonprofit Leadership Alliance, a national alliance of colleges, universities and nonprofit organizations dedicated to preparing graduates and undergraduates for careers in nonprofit leadership. Graduate and undergraduate students from all majors are welcome to learn more about the criteria for earning NLA's Certified Nonprofit Professional (CNP) credential by visiting Georgia State University's NLA website: aysps.gsu.edu/nonprofit-leadership-alliance-student-organization/.

2135 Social Entrepreneurship

Programs Offered:

1. **Bachelor of Interdisciplinary Studies in Social Entrepreneurship**

The BIS in Social Entrepreneurship prepares students to become agents and leaders of social change who will transform communities through innovative problem solving and business approaches. Social entrepreneurship is a growing movement in the nonprofit and business sectors that couples the resources

generated by business activities with the social ambitions of nonprofit organizations. This joint program between the Andrew Young School of Policy Studies and the Robinson College of Business gives students the opportunity to draw on coursework spanning both the business and nonprofit worlds. In addition, students are able to choose from a host of courses across the university that relate to different social issues.

Students in the program can focus their attention on gaining the skills and knowledge necessary to work in or build a for-profit business with a social benefit or a nonprofit organization with a revenue-generating social venture. Core courses include entrepreneurship, nonprofit organization and management, and financial resource development, as well as an internship in a social enterprise. Students completing the degree become innovative participants in the social entrepreneurship movement that is developing sustainable solutions to problems on the local, national and international levels.

Learning objectives

- To understand social innovation and its emergence as a strategy for solving global problems.
- To learn conceptual frameworks and analytical techniques aimed at understanding the nature of the social value creation process.
- To understand the financial, legal and business framework of social enterprises.
- To develop skills needed to collaborate across disciplines to find innovative strategies to address global social problems and lead in the public sector.

Program Admission

There are no admission requirements above the requirements for admission to the University for enrollment in the B.I.S. program with a concentration in Social Entrepreneurship.

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

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 through E: Undergraduate Core Curriculum (42)
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. In Area B, it is recommended that students take PERS 2002: Scientific Perspectives—Social Innovation & Enterprise for Global Problems.

Area F: Courses Appropriate to the Major (18)
Students should enter the Social Entrepreneurship major having taken course prerequisites needed for entrance into their planned program of study. Below is a list of prerequisites for upper-level courses in the major or courses relevant to the major. If ECON 2105, ECON 2106, PSYC 1101, or SOCI 1160 is taken in

Area E, any 1000/2000 level course may be substituted.

- ANTH 2020 Introduction to Cultural Anthropology (3)
- BUSA 2106 Legal Environment for Business (3)
- ECON 2105 Principles of Macroeconomics (3)
- ECON 2106 Principles of Microeconomics (3)
- PSYC 1101 Introduction to Psychology (3)
- SOCI 1160 Introduction to Social Problems (3)

Area G: Major Common Core Curriculum (33): "C" or better grade is required of all courses in this area.

- BUSA 3090 Survey of Business Principles for Non-Business Students (3)
- ENI 3101 Entrepreneurial Thinking for Startups* (3)
- ENI 3102 The Startup Venture* (3)
- ENI 3103 Commercializing the Startup* (3)
- ENI 4100 From Startup to Growth Company* (3)
- PMAP 3031 Policy Leadership (3)
- PMAP 3210 Intro to the Nonprofit Sector (3)
- PMAP 3213 Nonprofit Financial Resources (3)
- PMAP 3231 Nonprofit Management & Leadership (3)
- PMAP 3311 Critical Policy Issues-CTW (3)
- PMAP 4941 Internship** (3)

*To register for ENI courses, students must:

a. Be in good academic standing
b. Have 45 credit hours
c. Earn C or higher in BUSA 3090 and ENI 3101 to gain approval for additional upper level ENI courses

** Internships are required for all undergraduate students lacking significant prior administrative experience in a public or nonprofit agency or a related organization. Internship experiences provide students the opportunity to apply concepts and skills associated with their curriculum. This opportunity for professional growth and development requires enrollment in three hours of PMAP 4941. The department's internship coordinators assist in the search for an appropriate internship opportunity. Students are expected to take the lead in this search. Internship credit requires the completion of 200 hours of work. Students are free to work full-time or part-time, according to their needs and those of their internship sponsor. Many students find paid internships, but there are some unpaid internships available that are very desirable. Students should consider the value of the experience that an internship provides, in addition to the pay. Internship information and applications are available from the Department of Public Management and Policy, or the PMAP internship homepage on the web at pmap.gsu.edu/student-resources/. Students with substantial prior administrative experience may petition to waive the internship requirement. Petition forms are available online through the Office of Academic Assistance at aysps.wufoo.com/forms/undergraduate-petition/.

Area H: Concentration (18): A "C" or better grade is required for all courses in this area.

Choose six classes from any one concentration. Students may not take more than 12 credits in any one prefix. Students may petition the program director to add classes appropriate to the concentration if not listed.
Economic Development and Cities, *or*
Education, *or*
Global Issues, *or*
Health and Human Behavior

Economic Development and Cities (18):

- ANTH 4200 Urban Anthropology (3)
- CRJU 4440 Street Crime (3)
- ECON 4300 Economics of Cities (3)
- PMAP 3011 Policy and Politics in the American City (3)
- PMAP 3111 Urban Political Economy (3)
- PMAP 3021 Citizenship and the Local Community (3)
- PMAP 3411 Contemporary Planning (3)
- PMAP 4401 Urban Demography and Analysis (3)
- PMAP 4451 Economic Development Policy and Planning (3)
- SOCI 3201 Wealth, Power and Inequality (3)
- SOCI 3340 Population Problems (3)
- SOCI 4226 Urban Sociology (3)
- SOCI 4279 Metropolitan Atlanta (3)
- SOCI 4803 Race and Urban Studies (3)
- SW 4350 Economics of Poverty and Public Policy (3)

Education (18):

- EDUC 2110 Investigating Critical and Contemporary Issues in Education (3)
- EDUC 2130 Exploring Learning and Teaching (3)
- EDUC 2300 Introduction to Child Development (3)
- EDUC 3010 Introduction to Urban Education (3)
- EDUC 3333 Field Experiences in International Education (3)
- EPY 2050 Learning, Memory and Cognition in the Real World (3)
- LT 3000 Technology, Society and Education (3)
- LT 3100Educational Technology in Africa and the Diaspora (3)
- PSYC 4040 Developmental Psychology (3)

Global Issues (18):

- ANTH 4040 Race, Class and Gender in Global Perspective (3)
- ANTH 4490 Anthropology of Globalization (3)
- CRJU 4040 Comparative Criminal Justice Systems (3)
- ECON 4220 Environmental Economics and Policy (3)
- ECON 4600 Economic Development (3)
- ECON 4610 The Economy of South Africa (3)
- ECON 4800 International Trade (3)

- ECON 4810 International Finance (3)
- IB 4100 Introduction to International Entrepreneurship (3)
- JOUR 3040 Communicating Environmental Issues (3)
- NUTR 3800 International Nutrition (3)
- POLS 4210 Politics of Developing Countries (3)
- POLS 4422 NGOs and World Politics (3)
- PSYC 3570 Multicultural Issues in Psychology (3)
- PSYC 4030 Cross-Cultural Psychology (3)
- SOCI 3340 Population Problems (3)
- SOCI 4050 Global Perspectives on Violence Against Women (3)

Health and Human Behavior (18):

- ANTH 3100 Sex, Culture and Sexuality (3)
- ANTH 4390 Diet, Demography and Disease (3)
- ANTH 4430 Anthropology of Public Health (3)
- ANTH 4460 Health and Culture (3)
- HA 3900 Introduction to the US Health Care System (3)
- HA 3910 Health Policy in the United States: An Introduction (3)
- KH 2360 Childhood Health and Wellness (3)
- KH 2520 Principles of Physical Activity and Fitness (3)
- KH 3000 Personal Health and Wellness (3)
- PH 3000 Introduction to Public Health (3)
- GERO 4116 Aging and Society (3)
- GERO 4200 Health and Older Adults (3)
- NURS 2010 Health and Human Development across the Lifespan (3)
- NUTR 3100 Nutrition and Health (3)
- PSYC 2103 Introduction to Human Development: Individual and Family Issues (3)
- PSYC 4510 Community Psychology (3)
- PSYC 4520 Environmental Psychology (3)
- SW 3000 Communication/Cultural Diversity (3)
- SW 3300 Human Behavior and the Social Environment I (3)
- SW 3400 Human Behavior and the Social Environment II (3)
- SW 4330 Contemporary Health Challenges (3)
- SOCI 3040 Cognition and Society (3)
- SOCI 3346 Drug Use and Abuse (3)
- SOCI 4230 Sociology of Health and Illness (3)

Area I: Approved Electives (9).
Students may select 9 semester hours (three classes) of electives from lower division 1000/2000 or upper division 3000/4000 level classes appropriate to the major.

Total Semester Hours for Degree: 120

2140 Social Work

Programs Offered:

1. **Bachelor of Social Work**

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

The B.S.W. program's mission is to prepare students for generalist social work practice in a range of roles and services that deal with the existing and developing challenges that confront individuals, families, groups, and communities. The goals of the B.S.W. program are to graduate students who will be able to: (1) think critically and communicate effectively in the application of social work knowledge, skills, and values to entry-level generalist practice, and (2) practice as entry-level generalist social workers.

Successful completion of this program may lead to advanced standing in many accredited graduate programs of social work.

The competencies and practice behaviors of the B.S.W. program are designed to be consistent with the missions and goals of the B.S.W. program, the Andrew Young School of Policy Studies, and Georgia State University. They are aligned with the Council of Social Work Education's Educational Policy and Accreditation Standards.

B.S.W. Program Competencies:

1. Demonstrate ethical and professional behavior.
2. Engage diversity and difference in practice.
3. Advance human rights and social, economic, and environmental justice.
4. Engage In practice-informed research and research-informed practice.
5. Engage in policy practice.
6. Engage with individuals, families, groups, organizations, and communities.
7. Assess individuals, families, groups, organizations, and communities.
8. Intervene with individuals, families, groups, organizations, and communities.
9. Evaluate Practice 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 an Exploratory Social Work status. A later, separate application and decision process is required before a student can be formally accepted into the Bachelor of Social Work (B.S.W.) status. The priority application deadline is May 15 prior to the junior year. However, applications will be accepted after that date until August 1 on a space availability basis. (B.S.W. applications are NOT processed between August – December.)

Exploratory Social Work Student

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

Bachelor of Social Work (B.S.W.) Student

For a student to be considered for B.S.W. status, the student must:

1. Be in good standing at Georgia State University with a minimum institutional GPA of 2.5.
2. File a formal application in the school for B.S.W. status.
3. Have grades of C or higher in English 1101 and 1102.
4. Have successfully completed Areas A through F (except SW 2000).
5. Have a minimum grade point average of 2.5 or better in the lower-division courses counted for completion of Areas A-F and a minimum grade of C or higher in SW 2000, if completed.

B.S.W. status indicates that a student has demonstrated commitment to professional social work and has been recognized by the school as being ready to utilize that commitment in the demanding preparation for practice in this field. A student with B.S.W. status is expected to internalize the values and ethics of social work and to develop and enhance professional practice skills. In this process, the B.S.W. student is expected to abide by the academic regulations related to the program as outlined in this catalog and in the school's Student Handbook. Among those academic regulations is the requirement that a student have a grade of C (2.0) or better in each of the social work major courses that are required in Area G.

Entry into the B.S.W. program is a selective process on a space availability basis. A student who meets only the minimum GPA or other criteria is not necessarily guaranteed acceptance. Qualified students who are denied entry at one point in time will be placed on a competitive waiting list in the order of their denial to await possible access to the program at a subsequent time.

Program Financial Information

A $30 field site application is due by February 1st of the Junior year, no other special fees are associated with the Bachelor of Social Work program. Students must pay all tuition and fees required by the University.

Program Academic Regulations

Students in the School of Social Work are required to participate in academic advisement. Each entering B.S.W. student is assigned to a professional staff member in the University Advisement Center or in the college's Office of Academic Assistance who serves as the student's academic advisor. B.S.W. students should meet with that assigned academic advisor prior to registering for any courses, and those advisement appointments are available during any semester. When the student achieves B.S.W. status, the student will be reassigned to the director of the B.S.W. program for program advisement. The director of the B.S.W. program will be the advisor throughout the program. The student is expected to meet with the assigned

academic advisor at least once each academic semester for the purpose of beginning or enhancing acculturation to the field of social work, as well as for sequencing course selections in accordance with school procedures. B.S.W. advisement appointments are scheduled only during the fall and spring semesters, so students are expected to plan accordingly.

Course sequencing in the B.S.W. program begins only in the fall semester, and a student is admitted to B.S.W. status in accordance with that schedule. P.S.W. and B.S.W. students are expected to follow the written course advisement plan developed in the advisement process, both in terms of course selections and in the sequencing of those courses. Deviations from the advisement plan without the written authorization of the assigned academic advisor or the B.S.W. program director may result in the school's blocking future registrations that do not conform to the advisement plan or may result in an extension of their course of study. In addition to the review and possible withdrawal of a student from the program, as described in "Review of Academic and Professional Practice Demands," a student who misses or fails a course but is permitted by the school to continue in the program must work closely with the assigned academic advisor and the B.S.W. program director to determine the most appropriate point at which to continue degree-related course work. If a student in B.S.W. status is inactive for two academic semesters, the student will be returned to P.S.W. status and must file a new, competitive application to reenter the B.S.W. status.

Field Education

Field education is an integral component of the B.S.W. curriculum and involves the placement of social work students in educationally supervised agency settings. The primary purpose of field education is to enable students to integrate social work theory and practice through the direct application of social work knowledge, values, and skills. Field education provides opportunities to test and refine classroom learning in professional social work settings. B.S.W. students must have a minimum of 400 supervised hours of field education over a period of two consecutive semesters. Students are required to attend a classroom-setting field integrative seminar as part of their field education. The purpose of the integrative seminar is to provide field education students a forum for the synthesizing of classroom learning with their field-based internship.

Students may apply for field education only after lower-division and prescribed social work courses and other requirements have been satisfactorily completed, as explained in the school's Student Handbook. Students enroll in field education for the fall-spring semesters. Field education applications must be turned in to the Director of Field Education by February 1st for the following fall semester placement.

Grant — Child Welfare

As funds are available, the School of Social Work, in partnership with the Georgia Department of Human Services, has scholarships available under the Title IV E, Child Welfare Scholars Program. The scholarship includes tuition and fees and a stipend. Recipients must take specific child welfare electives and must complete a field placement in a public child welfare setting. Upon graduation, recipients must commit to work for the Division of Family and Children Services on a year-for-year basis.

School of Social Work Policies and Procedures

Georgia State University is an equal educational opportunity institution. Faculty, staff, and students are admitted, employed, and treated without regard to race, sex, color, age, religion, national origin, sexual

orientation, or disability. Georgia State University complies with Title IX of the Education Amendments of 1972, Titles VI and VII of the Civil Rights Act of 1964, the Civil Rights Act of 1991, Sections 503/504 of the Rehabilitation Act of 1973, the American with Disabilities Act of 1990, the Vietnam Era Veterans Readjustment Assistance Act, as well as other applicable federal and state laws.

Students should refer to the current Undergraduate Catalog to ensure compliance with university policies and procedures.

Codes of Ethics

All students admitted into the B.S.W. program are expected to read, understand, and follow the National Association of Social Workers (NASW) Code of Ethics. This code provides a set of values, principles, and standards to guide conduct and decision making when interacting with clients and colleagues and for when critical issues arise. A copy of the Code of Ethics can be found at the NASW website (www.naswdc.org)

Review of Academic and Professional Standards – The Policy

Students admitted into the School of Social Work will be held by the academic standards set by the University and the Andrew Young School of Policy Studies. Students will be held to the professional standards set by the school and the National Association of Social Workers. Students should familiarize themselves with these requirements as found in the undergraduate and graduate catalogs for the university and the Andrew Young School of Policy Studies.

A. Academic Competence

Undergraduate students are required to maintain at least a grade of C (2.00) or better in each of the social work major courses in Area G, and be in academic good standing with the University (an institutional GPA of 2.00). In cases where a student has a grade of D or F in an Area G course, the student must meet with the B.S.W. Director and another faculty member of the B.S.W. Committee to determine whether the student is eligible to continue in the program. If the student is allowed to continue in the program, he or she must retake the course and receive a grade of C or higher. Due to course sequencing, graduation date may be postponed in this situation. Undergraduates must also complete a minimum of 400 hours of field placement.

B. Professional Competence

Georgia State University's School of Social Work has the goal of educating competent social work practitioners. If a student fails to meet the standards set by the National Association of Social Workers and/or the School of Social Work, corrective action may be taken. Corrective action is intended to provide students and faculty with the opportunity to openly discuss problems and issues identified, and to seek a solution to correct the situation or problem presented. Dismissal from the program is an option and may supersede any discussion of corrective action. Professional incompetence signifies that a student is not adequately or appropriately performing at his or her program level.

Failure to comply with the policies and procedures of Georgia State University and/or the Andrew Young School of Policy Studies and/or the School of Social Work may result in a student's dismissal from the program.

Program Degree Requirements

Semester hours are shown in parentheses following an entry. Requirements for Areas A through E of the undergraduate core curriculum are listed in the "Core Curriculum" chapter of this catalog. Only senior B.S.W. majors may take: SW 4100, SW 4200, SW 4500, SW 4900.

Area A: Essential Skills (9)

Area B: Institutional Options (4)

Area C: Humanities and Fine Arts (6)

Area D: Math, Technology and Science (11)

- BIOL 1103K and BIOL 1104K are recommended as the lab science sequence.

Area E: Social Science (12)

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

- ANTH 1102 Introduction to Anthropology (3)
- ECON 2105 Principles of Macroeconomics (3)
- MATH 1070 Elementary Statistics (3)
- PSYC 1101 Introduction to General Psychology (3)
- SOCI 1101 Introduction to Sociology (3)
- SW 2000 Introduction to Social Work (3)

Area G: Major (48)

1. **Required Courses (42):**
    - SW 3000 Cultural Diversity (3)
    - SW 3200 Social Welfare Institutions (3)
    - SW 3300 Human Behavior and the Social Environment I – CTW (3)
    - SW 3400 Human Behavior and the Social Environment II (3)
    - SW 3500 Methods of Social Work Research (3)
    - SW 3600 Social Welfare Policy (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 Field Education I (6)
    - SW 4900 Field Education II (6)
2. **Social Work Electives (6) – select two courses from the following:**
    - SW 4320 Social Work Administration (3)
    - SW 4330 Contemporary Health Challenges (3)
    - SW 4340 Social Work and the Law (3)
    - SW 4350 Economic Justice, Inequality, and Poverty (3)

- SW 4360 Forensic Social Work (3)
- SW 4450 Child Maltreatment Practice, Policy and Research (3)
- SW 4460 Aging Practice, Policy and Research (3)
- SW 4470 Substance Abuse Practice, Policy and Research (3)
- SW 4480 Disabilities Practice, Policy and Research (3)
- SW 4490 Child Welfare Practice, Policy and Research (3)
- SW 4960 Seminar on Social Work Issues and Problems (3)
- SW 4950 Selected Topics in Social Work (3)
- SW 4990 Directed Individual Study (3)

Area H: Electives (12). In consultation with an advisor, choose 12 semester hours of course work (4 courses).

Total Semester Hours for Degree: 120 semester hours

2150 Urban Studies Institute

The minor in Urban Studies will provide undergraduate students with a concentration in interdisciplinary studies of cities, urbanism, and urbanity. The Minor has a liberal arts orientation: it combines perspectives from the social sciences, the humanities, and policy. The Minor is a useful complement to majors such as Public Policy, History, Geography, Sociology, Anthropology, Economics, Political Science, Public Health, Real Estate and others.
Students who wish to minor in urban studies must take 15 hours of courses. This will include two required courses offered within the Urban Studies Institute and three courses chosen from a list of possible electives.

Requirements:

- All minors are required to take two (new) core courses:

  - URB 3010 Contemporary US Cities, 3 cr. (see Appendix B)
  - URB 3020 The Global Evolution of Cities, 3 cr. (see Appendix C)

- In addition, students must select three courses from the list of Optional Courses, below.
  All are 3-4 credit courses. More information on these courses is provided in Appendix D.

  - ANTH 4200 Urban Anthropology (spring)
  - ANTH 4470 Visual Culture (fall)
  - CRJU 4720 Law, Justice, and Social Change
  - ECON 4300 Economics of Cities*
  - ECON 4350 Economics of Poverty and Public Policy*
  - HIST 4220 The American City
  - GEOG 4020 Urban Environments (spring)
  - GEOG 4518 Digital Cartography (fall)
  - GEOG 4768/ SOCI 4279/HIST 4320 Metropolitan Atlanta (spring)
  - GEOG 4764 Urban Geography (fall)
  - GEOG 4774 Contemporary Urban Theory & Issues (spring)

- PH 4030 Social & Behavioral Dimensions of PH*
- PH 4050 Health Equity and Disparities: Urban and Global Health Challenges (fall)
- PMAP 3011 Policy and Politics in the American City *
- PMAP 3111 Urban Political Economy (spring)
- PMAP 3411 Contemporary Planning*
- PMAP 4401 Urban Demography and Analysis (spring)
- PMAP 4421 GIS Application to Planning and Policy Analysis (fall)
- PMAP 4451 Economic Development Policy *
- RE 3010 Real Estate Principles *
- RE 4050 Real Estate Development *
- SOCI 3201 Wealth, Power, and Inequality
- SOCI 3212 Race and Ethnic Relations
- SOCI 4226 Urban Sociology (fall)
- SOCI 4380 Educational Sociology
- SOCI 3390: Special Topics (Housing & Inequality) *
- SW 4350 Economics of Poverty
- WGSS 3040: Globalization & Gender
  * offered both semesters

Students should select Area F elective courses in consultation with advisor as some upper level courses have prerequisites. The advisor can also approve exceptions to the current elective list.

2160 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:

- Nonprofit Management & Social Enterprise
- Planning and Economic Development

The Master of Science in Criminal Justice

The Master of Arts in Economics

The Master of Arts in Economics, Policy Track

The Master of Public Administration with concentrations in:

- Criminal Justice
- Management and Finance
- Nonprofit Management
- Planning and Economic Development
- Policy Analysis and Evaluation
- Public Health Management

The Master of Public Administration/Juris Doctor

The Master of Public Policy with concentrations in:

- Education Policy
- Environmental Policy
- Global Affairs
- Health Policy
- Nonprofit Policy
- Public Finance Policy
- Urban Planning and Policy
- Social Policy

The Master of Interdisciplinary Studies – Urban Studies

The Master of Social Work

- Community Partnership

The Doctor of Philosophy in Criminal Justice and Criminology

The Doctor of Philosophy in Economics with elective fields in:

- Environmental Economics
- Experimental Economics
- Health 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 23 departments and institutes within the areas of the humanities, the natural and computational sciences, and the social and behavioral sciences. The college has approximately 11,000 undergraduate majors and 2,000 graduate students. The college also plays a major role in the general education curriculum required of all students in the university.

At the undergraduate level, the College of Arts and Sciences offers the Bachelor of Arts, the Bachelor of Science, and the Bachelor of Interdisciplinary Studies. The requirements for these degrees build directly upon the broad educational foundation provided by the core curriculum.

The College of Arts and Sciences, through its Graduate Studies division, offers graduate degrees and programs in numerous fields. The university publishes a graduate catalog that includes complete descriptions of all of the graduate programs offered at Georgia State University (available online through the Office of the Registrar website: enrollment.gsu.edu/catalogs/).

Faculty from throughout the college and university collaborate on research and service activities through a variety of interdisciplinary ventures. Additional information on the interdisciplinary centers and programs based in and affiliated with the College of Arts and Sciences is available at cas.gsu.edu/faculty-research/interdisciplinary-research-service-centers/.

Office of the Dean

25th floor, 25 Park Place Building
404-413-5114
cas.gsu.edu

Sarah Rosen, Dean
John Augusto, Associate Dean for Strategic Initiatives
Amber Amari, Assistant Dean for Graduate Studies
Chad Dillard, Assistant Vice President for Development
Dan Deocampo, Associate Dean for Faculty Advancement
Eric Friginal, Director of International Programs
Kathryn McClymond, Associate Dean for Faculty Development
John Medlock, Assistant Dean for Academic Success
Fred Mote, Assistant Dean for Administration and Finance
Binghe Wang, Associate Dean for Research and Graduate Studies
Shelly-Ann Williams, Director, Undergraduate Academic Assistance

Accreditation

In the College of Arts and Sciences, the Department of Chemistry is accredited by 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. The Intensive English Program academic support program is accredited by the Commission on English Language Program Accreditation.

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, Philosophy, Physics and Astronomy, Political Science, Psychology, Religious Studies, Sociology, and World Languages and Cultures; and interdisciplinary institutes in the areas of Creative Media Industries, Gerontology, Global Studies, Neuroscience, and Women's, Gender, and Sexuality Studies.

In addition, undergraduate degree programs in secondary education for teachers of preschool through twelfth grade in world languages 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; English; French; Geosciences; German; History; Journalism, Philosophy; Political Science, Psychology; Religious Studies; Sociology, Spanish; Speech Communication; Women's, Gender, and Sexuality Studies

Bachelor of Science (B.S.)

Biological Sciences, Chemistry, Computer Science, Geosciences, Mathematics, Neuroscience, Physics, Psychology

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

Asian Studies; Environmental Science; Game Design and Development; Gerontology; Global Studies; Italian Studies; Law and Society; Media Entrepreneurship; Middle East Studies; Philosophy, Politics, and Economics; Student-Planned. (See section 3030.50 below.)

Undergraduate Certificates

Geographic Information Science, Gerontology, Language Ability (in multiple world languages), Sustainability, Teaching English as a Foreign Language, Water Science

3010.10 Academic Resources and Services

Cartography Production Laboratory

340 Kell Hall
404-413-5750
geosciences.gsu.edu

The Cartography Production Laboratory, located in the Department of Geosciences, offers mapping and graphic services for the university community. Students have the opportunity to design and produce cartographic materials as an extension of the educational program in cartography offered by the Department of Geosciences. In addition to the Cartography Production Laboratory, the department maintains a Geographic Information Systems facility offering GIS services for the university.

Computer Science Tutoring Center

7th floor, 25 Park Place Bldg.
404-413-5700
cs.gsu.edu/

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.

ESL Tutoring

Library North 2

library.gsu.edu/learningcommons

The Department of Applied Linguistics and English as a Second Language and the Intensive English Program offer ESL tutoring for Georgia State students. ESL tutoring provides students an opportunity to receive expert assistance in improving their written and oral English skills. Check the ESL Tutoring Schedule at the Research Support Desk on Library North 2 for walk-in appointment times.

James M. Cox, Jr. New Media Instructional

307 Classroom South Building
404-413-5600

The Department of Communication's James M. Cox, Jr., New Media Instructional Lab provides access to a computer-networked facility with 22 workstations. News writing and desktop publishing courses are enhanced through the use of interactive communication between instructors and students. A satellite downlink transmits CNN NewsSource and other national and international video feeds to students who write, edit, and package their own news stories.

Journalism Writing Lab

832 Twenty Five Park Place
404-413-5600

The Department of Communication's Journalism Writing Laboratory provides tutorial support to students enrolled in journalism classes who wish assistance in improving their professional writing skills (including feedback on draft news reporting, public relations projects, and other related writing skills connected to media distribution. The lab is open during business hours on an open-access basis.

Language Acquisition and Resource Center

128 Langdale Hall
404-413-5987
wlc.gsu.edu/home/language-resources/language-acquisition-resource-center-larc/

The Language Acquisition and Resource Center (LARC) promotes the development of the student's foreign language skills and provides added cultural and literary knowledge. The LARC offers a wide range of multimedia and audiovisual materials, including an international video collection, 50-station digital language computer lab, the most up-to-date instructional computer software available, and many other resources. A tutorial support program for students in elementary and intermediate language courses is also available.

Mathematics Assistance Complex

122 Kell Hall
404-413-6462
mathstat.gsu.edu/undergraduate/current-students/mac/

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
mathstat.gsu.edu/undergraduate/current-students/mile/

Commons MILE
University Commons Complex
141 Piedmont Ave
404-413-5978

The Mathematics Interactive Learning Environment (The MILE) is designed to support and promote the development of the undergraduate student's mathematics skill and knowledge by accommodating diverse student learning styles and building student confidence and success in early mathematics courses. The MILE provides student-centered, computer-assisted, self-paced tutorials that include streaming video lectures, tutorial exercises and assistance by faculty, graduate, and undergraduate assistants.

Military Science Leadership Lab

ROTC Leadership laboratory meets every Thursday for 3 hours from 1 to 4 p.m. and focuses on key leadership theory and skills. In addition, we integrate our classroom instruction and individualized leadership training and assessment. Major areas encompass leadership theory and application in problem solving, small group interaction, goal setting and accomplishment, and decision making. We focus on developing today's best and brightest into tomorrow's leaders, focusing on confidence, mental agility, sound judgment and getting results. As they progress through the ROTC Leadership Lab, they gain self confidence through practical application of leader skills. There will be some mandatory weekend events and one weekend field training exercise during each semester. Major areas of instruction include professional officership, leadership values and ethics, and communication skills.

Writing Studio

23rd Floor, 25 Park Place Bldg.
writingstudio.gsu.edu/
404-413-5840

The Writing Studio offers space for conversation, coffee, and writers, by creating a welcoming community for undergraduate and graduate students to practice the art of writing. Its purpose is to enhance the writing instruction that happens in academic classrooms by pairing writers with an experienced Reader. Readers, Graduate Assistants in the department of English, engage student writers in talk about their writing assignments and ideas, and familiarize them with audience expectations and academic genre conventions. We focus on invention (coming up with ideas), drafting (expanding ideas and supporting arguments), and arrangement (figuring out the best structure and organization for a text). Readers focus on the rhetorical aspects of the student text, and provide one-on-one, student-centered teaching of works-in-progress. The Writing Studio does not provide editorial or proofreading services. Readers will not write on student papers or in any way "correct" a student text. Students may work on course assignments or application materials for graduate and professional programs and scholarships. The Writing Studio is open only to currently enrolled students and recent alumni. The Studio is open the second week of each semester and closes the last Thursday before the end of classes. The Studio is closed between terms and for all university holidays. Students are welcome to drop in without appointments. More information is located on the website.

3020 College Academic Regulations

The requirements for entrance into Georgia State University are found in the section of this catalog devoted to undergraduate admissions. A transfer student must comply with all academic regulations of the university. The College of Arts and Sciences reserves the right to validate by examination any credits accepted by transfer. This provision in no way affects the acceptance of courses used to satisfy core curriculum requirements at another unit of the University System of Georgia.

Students holding a baccalaureate degree from an accredited college or university who wish to complete another undergraduate degree are urged to clear all requirements with an adviser in the Office of Academic Assistance.

Grades of C in Major/Minor

Courses in the major require a grade of C or higher. Courses in the minor chosen within or outside the

College, require a grade of C or higher.

Credit by Examination

A maximum of 18 semester hours of degree credit may be granted before or after matriculation to a student who receives satisfactory scores on certain subject examinations of the College Level Examination Program of the College Entrance Examination Board. The student should consult the appropriate department or school or the Office of Academic Assistance for further information.

The College of Arts and Sciences follows university guidelines for the acceptance of credit by examination. See section 1320.40 Credit by Examination for specific course equivalencies. Credit awarded by the academic departments within the College of Arts and Sciences does not apply toward the academic residence requirement.

Credit for Transient Work

Arts and Sciences students who wish to take course work at another institution, whether as a full-time or as a part-time student, must have prior written approval from the Office of Academic Assistance if they wish to apply the credit hours to a degree program. Failure to obtain the required prior approval will prevent the acceptance of such credits. Approval will be granted for no more than two terms of work and only if the student is in good academic standing at Georgia State University. No approval of requests to take courses in Atlanta-area colleges will be granted if the course is readily available from Georgia State offerings. During the term in which the student is scheduled to graduate, all courses must be taken at Georgia State unless prior written approval has been obtained from the Office of Academic Assistance. The acceptance and application of all course work taken as a transient student is subject to any limitations imposed by the student's major department, school, or program of study.

Please consult the "Academic Regulations" section of this catalog for further clarification in regard to transient credit.

Credit for Veteran's Service

University students who are veterans of any service, active, reserve, or National Guard, or who have attended a service academy, may receive advanced placement in the Department of Military Science and Leadership (ROTC).

Course 4999 – Directed Readings

Course 4999, Directed Readings, in any department/school/institute that offers a major in the College of Arts and Sciences is designed to assist seniors who are within two terms of graduation and who have curriculum difficulties in fulfilling the requirements necessary for graduation. One to four credit hours may be earned. The supervising professor, the departmental chair/school director, and the dean of the college must approve registration for the course. Forms for Course 4999 must be completed at the time of regular registration for the term in which the credit is to be earned and can be obtained through department/school offices or the college's Office of Academic Assistance.

Policy on Allowing Undergraduates to Take Graduate Courses

Under one of the following conditions, an undergraduate student may be permitted to take a graduate course:

1. Dual Degree Enrollment: The student has been formally accepted into an official university dual degree program that links an undergraduate degree program with a graduate degree program. Students in dual degree programs are granted permission to enroll in specified graduate courses when they reach a designated program milestone. Students who are accepted into the affiliated graduate program upon completion of the undergraduate degree may count specified course work toward fulfillment of the graduate degree requirements. A current listing of official undergraduate/graduate dual degree programs is available at cas.gsu.edu/dual-degrees/.

2. College Approval of Enrollment: The dean's office of the college will determine a student's eligibility for admission into a graduate course. To be eligible, an undergraduate student generally must have a cumulative grade-point average of 3.5 or higher and be within 18 semester hours of graduation, and be enrolled in an undergraduate degree program. Eligibility does not guarantee permission to take a course. Once a student's eligibility is determined, permission must be granted by the instructor for the course, the department's/school's director of graduate studies, the chair/director of the department/school offering the course, and the Associate Dean of Graduate Studies in the College of Arts and Sciences. The request form is located at cas.gsu.edu/dual-degrees/. Please note, graduate courses taken by an undergraduate student cannot be applied toward fulfillment of graduate degree requirements unless the student has been formally accepted into an official university dual degree program.

(This approval process does not apply to postbaccalaureate students. Postbaccalaureate students wishing to take graduate courses must be admitted as non-degree seeking students. See cas.gsu.edu/graduate-services/admissions/reentry/ for additional information.)

3030 College Degree Requirements

3030.10 World Language Requirement for B.A./B.I.S. Majors

The College of Arts and Sciences requires the completion of a world 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 world 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 world 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 world 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 world language course in core curriculum Area C (Fine Arts and Humanities). Students who would like to begin a new world language, or to take a second world language, should consult a program adviser concerning the possibility of earning credit for the first semester of elementary world language (1001) in either core curriculum Area F or in the second 60 hours.

3030.30 Bachelor of Interdisciplinary Studies

The Bachelor of Interdisciplinary Studies degree provides educational opportunities not 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 and 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 combine an assortment of course work as a last-minute effort to facilitate a student's graduation.

Enrollment in College-Planned Programs

Students may enroll in a B.I.S. concentration on admission to Georgia State University. Students who wish to change their major to this degree program may also select a concentration with their academic advisor. Enrollment into a concentration can occur only when a student has a cumulative grade-point average of 2.0.

Students who enroll in a concentration will be required to submit a course plan checklist to demonstrate their understanding of the degree requirements. It is highly recommended that students develop a course of study with their specific faculty coordinator before taking coursework in the degree program to avoid taking courses that will not count towards graduation.

Program Degree Requirements

There are two options in the Bachelor of Interdisciplinary Studies program, the college-planned option and the student-planned option.

Students must complete coursework in at least three disciplines (defined by course prefixes) in Area G and in at least two disciplines in Area H. Areas G and H should be constructed so that students take courses in distinct disciplines in each area (with some overlap expected); that is, the same prefix should not predominate in both Area G and H.

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 have 39 hours at Georgia State University taken at the 3000-4000 level for residency, and complete 120 hours required for graduation.

Bachelor of Interdisciplinary Studies College-Planned Programs

Students may choose a program designed by the college as follows: Asian Studies; Environmental Science; Game Design and Development; Gerontology; Global Studies, Law and Society; Media Entrepreneurship; Middle East Studies; and Philosophy, Politics, and Economics. For information about the college-planned programs, see the alphabetical list of programs later in this chapter of the catalog.

Bachelor of Interdisciplinary Studies Student-Planned Program

Students may choose the option to propose their own program of study for approval by the college B.I.S. coordinator. 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. coordinator 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 advisor in the Office of Academic Assistance, 404-413-5000 (see section 3040). Students must also select an appropriate faculty coordinator 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. A world language at the 1002 level must be included in Area F of all student-planned programs.

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).

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 can choose to pursue either a college-planned or a student-planned interdisciplinary minor.

College planned interdisciplinary minors are available in the following emphasis areas: Advanced Leadership and Management, Asian Studies, Chinese Studies, Communication Sciences, Entertainment Media Management, Game Design and Development, Human Rights and Democracy, Jewish Studies, Latin American Studies, and Middle East Studies are also available. For information about the college-planned interdisciplinary minors, see the alphabetical list of programs later in this chapter of this catalog.

Students pursuing a student-planned interdisciplinary minor must propose their 15-18 hours for approval by the college BIS coordinator. 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.

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. A minor must contain 15 to 18 semester hours of coursework with at least 9 hours of upper-division coursework (3000 to 4999).
3. No more than six hours from a single discipline/prefix.
4. Courses counted toward the interdisciplinary minor cannot also count toward the major;
5. A grade of "C" or better is required in all minor courses; and
6. For student-planned programs, at least 50 percent of the minor must be completed after the semester in which college BIS coordinator approves the minor program plan.

Students should contact the Office of Academic Assistance at 404-413-5000 for information on the application procedure.

The program of emphasis for the interdisciplinary minor is not listed on the official Georgia State University transcript. The program is designated as Interdisciplinary Minor on the transcript.

3040 Office of Academic Assistance

3rd floor, 25 Park Place Bldg.
404-413-5000
cas.gsu.edu/undergraduate/student-advising/

Director: Shelly-Ann Williams
Associate Director: Linda P. King
Assistant Director: Rene Mondy

The Office of Academic Assistance supports departments and schools in providing academic advisement for students in the college, primarily those who have earned 90 hours. Students with fewer than 90 hours are advised through the University Advisement Center (see advisement.gsu.edu). 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 by appointment or may walk-in for brief consultations. During the academic year, the office is open from 8:30 a.m. to 5:15 p.m. Monday through 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.

Although the College of Arts and Sciences will endeavor to provide timely and accurate advisement, it is the responsibility of the student to know and to satisfy the degree requirements of his or her academic program. The College of Arts and Sciences encourages its majors to build relationships with the undergraduate support personnel in their major departments and institutes. 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.

3050 Student Complaints, Petitions for Policy Waivers and Variances, and Appeals

The appeals procedure for students in the College of Arts and Sciences will follow different courses depending on the nature of the student's appeal. Please refer to University Information Section 1050.80 under Polices and Disclosures in this catalog or visit enrollment.gsu.edu/assistance/ for details.

3060 Departments and Institutes

Department	Main Office	Catalog Sections
Department of African-American Studies	962 One Park Place South; 404-413-5135	3090
Department of Anthropology	335 Sparks Hall; 404-413-5156	3100
Department of Applied Linguistics and English as a Second Language	15th Floor, 25 Park Place; 404-413-5200	3110, 3230, 3330
Department of Biology	495 Petit Science Center; 404-413-5300	3170, 3240
Department of Chemistry	380 Petit Science Center; 404-413-5500	3180
Department of Communication	8th Floor, 25 Park Place; 404-413-5600	3380, 3540
Department of Computer Science	7th Floor, 25 Park Place;	3210

	404-413-5700	
Creative Media Industries Institute	2nd Floor, 25 Park Place; 404-413-5706	3235, 3285, 3415
Department of English	23rd Floor, 25 Park Place; 404-413-5800	3220
Department of Geosciences	340 Kell Hall; 404-413-5750	3290
Gerontology Institute	605 One Park Place; 404-413-5210	3310
Global Studies Institute	18th floor, 25 Park Place; 404-413-6645	3315
Department of History	20th floor, 25 Park Place; 404-413-6385	3320, 3480
Department of Mathematics and Statistics	14th floor, 25 Park Place; 404-413-6400	3410
Neuroscience Institute	800 Petit Science Center; 404-413-5445	3445
Department of Philosophy	16th floor, 25 Park Place; 404-413-6100	3397, 3450, 3480
Department of Physics and Astronomy	6th Floor, 25 Park Place; 404-413-4033	3160, 3460, 3550
Department of Political Science	1005 Langdale Hall; 404-413-6159	3400, 3470, 3480
Department of Psychology	11th floor, Urban Life; 404-413-6200	3500
Department of Religious Studies	17th floor, 25 Park Place; 404-413-6110	3510
Department of Sociology	1041 Langdale Hall; 404-413-6500	3520
Institute for Women's, Gender, and Sexuality Studies	22nd floor, 25 Park Place; 404-413-6587	3570
World Languages and Cultures	19th floor, 25 Park Place; 404-413-5980	3120, 3150, 3183, 3280, 3300, 3350, 3370, 3385, 3420, 3530, 3550

3090 African-American Studies

Programs Offered:

- **Bachelor of Arts in African-American Studies**
  - **Concentration in Arts and Aesthetics**
  - **Concentration in Health and Human Development**
  - **Concentration in Social Justice and Community Empowerment**
  - **Concentration in Pre-Education**
- **Minor in African American Studies**

Department of African-American Studies
962 One Park Place South
404-413-5135
aas.gsu.edu

Akinyele Umoja, Chair
Makungu Akinyela, Undergraduate Director

African-American Studies offers an interdisciplinary approach to the study of African people nationally and globally. The field recognizes that the lived experience of African and African descendant peoples worldwide are impacted by a myriad of factors including cultural diversity, emerging technologies, and political economy. As an interdisciplinary field of concentration, it offers, enhances, and critiques knowledge presented in the traditional disciplines and professions, scholarly and artistic accounts of the realities of the lives of African-Americans, and perspectives on social change. The Department of African-American Studies provides students with the intellectual origins, concepts, research, and models of the discipline; the knowledge and skills necessary for the study of group cultures; and a curriculum that contributes to the goals of African-American Studies and a culturally diverse education. Civic engagement, service learning, and a social justice orientation are fundamental aspects to the African-American Studies curriculum. Faculty and courses are drawn from the department itself and from other departments/schools/institutes in the university.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

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 (6)
    - AAS 1140 Introduction to African and African-American History and Culture (3)
    - AAS 2010 Introduction to African-American Studies (3)
2. World language at the 1002 level or higher (3)
3. Select additional elective courses from the following to complete 18 hours in Area F:
    - ANTH 2020, AH 1850, ECON 2105, ECON 2106, GEOG 1101, HIST 1111, HIST 1112, PHIL 2010, POLS 2401, PSYC 1101, PSYC 2040, PSYC 2103, SOCI 1101, SOCI 1160, WGSS 2010

Area G: Major Courses (33)

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

1. Required course to fulfill CTW requirement (3):
    - AAS 3980 Research Methods in African-American Studies-CTW (3)
2. Major Requirements (12)
    - Select the following global competency course:
        - AAS 3120 African Diaspora (3)
    - Select one intellectual foundations course from the following:
        - AAS 3975 Concepts and Theories in African-American Studies (3)
        - AAS 4120 African American Political Thought (3)
    - Select one gender and sexuality course from the following:
        - AAS 4125 Black Feminist Thought (3)
        - AAS 3010 Narratives of Race, Gender, and Sexuality (3)
    - Select one AAS literature course from the following:
        - AAS 3880 African-American Literature (3)
        - AAS 3960 African-American Literature by Women (3)
        - AAS 4890 Caribbean Literature (3)
3. 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 three areas (1) Health and Human Development, (2) Social Justice and Community Empowerment, and (3) Arts and Aesthetics of concentration and two courses from the other two concentrations.

Arts and Aesthetics (15):

1. Students in this concentration are required to take three courses, and must engage at least two of the three areas of the arts. For example, a student may take one course in each area of the arts, or two courses in one area and one course in another.
    - Performance Arts
        - AAS 4360 Studies in Black Dance (3)
        - AAS 4650 African American Theater (3)
    - Visual and Popular Arts
        - AAS 4625 Black Mecca and Black Popular Culture (3)

        - AAS 4900 African Americans in Film (3)
        - AAS 4350 Black Visual Representation: Iconography of the African Diaspora (3)
        - AAS 4950 African American Popular Culture (3)
    - Musical Arts
        - AAS 3500 Jazz History (3)
        - AAS 3810 History of African American Music (3)
        - MUA 3970 Rhythm and Blues (3)
2. Select from the following options (6):
    - Course(s) from Health and Human Development concentration (0-6)
    - Course(s) from Social Justice and Community Empowerment (0-6)
    - AAS 4980 Seminar and Practicum in African-American Studies for students wishing to do internship or independent research (3)

Health and Human Development Concentration (15):

1. Core Required Classes: (6)
    - AAS 4105 Race and Health (3)
    - AAS 4000 Issues in the African American Community (3)
2. Students must choose one course from these:
    - AAS 4030 African American Male/Female Relationships (3)
    - AAS 4110 Black Women and Health (3)
    - AAS 4280 African American Anthropology (3)
    - AAS 3050 African American Psychology (3)
3. Select from the following options (6):
    - Course(s) from Social Justice and Community Empowerment concentration (0-6)
    - Course(s) from Arts and Aesthetics concentration (0-6)
    - AAS 4980 Seminar and Practicum in African-American Studies for students wishing to do internship or independent research (3)

Social Justice and Community Empowerment (15)

1. Take one course from each of the following three categories (9):
    - Social and Community Organization:
        - AAS 3000 African-American Family (3)
        - AAS 4000 Issues in the African-American Community (3)
    - Politics and Activism:
        - AAS 4160 African-American Politics (3)
        - AAS 4180 Politics of the Civil Rights Movement (3)
        - AAS 4550 Activism and Black Freedom Movements (3)
    - Gender and Sexuality in Social Change:
        - AAS 3960 African-American Literature by Women (3)
        - AAS 4080 African-American Female Activism (3)
        - AAS 4100 African-American Women in the United States (3)
        - AAS 4530 Voices of African-American Feminists (3)
        - AAS 4780 African-American Lesbian and Gay Activism (3)
2. Select from the following options (6):
    - Course(s) from Health and Human Development concentration (0-6)

- Course(s) from Arts and Aesthetics concentration (0-6)
- AAS 4980 Seminar and Practicum in African-American Studies for students wishing to do internship or independent research (3)

Pre-Education Concentration

The Department of African-American Studies offers a pre-education track with a concentration in history for students who wish to become public school teachers and to be certified to teach by completing the initial teacher preparation for the M.A.T. Program in Social Studies Education in the College of Education and Human Development (or a similar master's level initial preparation program at another university). The pre-education track in African-American studies develops teachers to work effectively in multi-cultural classrooms. The pre-education track in African-American Studies prepares teachers to teach students from diverse ethnic, gender, cultural, and social class groups by offering curricula that examine the histories and experiences of people of African descent and aspects of cultural identity formation in the U.S., Africa, and the Caribbean. This track also prepares educators to develop their students to be citizens of a global community. Students who wish to pursue the pre-education track in African-American Studies must take ten designated upper-division major courses (33 credit hours), take three education courses (9), and complete the coursework in one or more of the following allied fields: political science (9), geography (9), or economics (9).

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. Additional Courses (27):
    - AAS 3975 Concepts and Theories in African-American Studies (3)
    - AAS 3450 History of African Americans in Georgia (3)
    - AAS 4010 Service Learning in the African American Community (3)
    - AAS 4640/HIST 4270 African-American People (4)
    - AAS 4600/HIST 4280 Enslavement and Resistance in North America (3)
    - AAS 4620/HIST 4290 Enslavement in the Americas (3)
    - AAS 4772/HIST 4772/WGSS 4772 Women in Africa (3)
    - AAS 4774/HIST 4774 African Rebellions (3)
    - HIST 3000 Introduction to Historical Studies-CTW (4)
    - HIST 3220 United States in the Twentieth Century (4)

Total Number of Hours: 33

Allied Fields (18)

Select two or more out of the following fields:

- Political Science (9) (3000-4000 level courses)
- Geography (9) (3000-4000 level courses)
- Economics (9) (3000-4000 level courses)
- Education (Required: EXC 4020; along with two of the following: LT 3210, EDCI 3200, EDUC 3010, EDUC 4982, EDSS 3400, and EDLA 3200) (9)
- One Behavioral Sciences field: Anthropology, Sociology, or Psychology (9) (3000-4000 level

courses)

Area H: Minor and Additional Courses

Students majoring in African-American Studies:

1. Are not required to take a minor.
2. Must take additional courses as electives to complete a minimum of 120 hours, exclusive of KH 1010.

Minor in African-American Studies

Students who wish to minor in African-American Studies should complete the following requirements (15). A grade of C or higher is required in all minor courses.

1. Complete the following three courses (9)
    - AAS 2010 Introduction to African-American Studies (3)
    - AAS 3120 African Diaspora (3)
    - AAS 4120 African-American Political Thought (3)
2. Select two African-American Studies courses at the 3000 level or above (6).

Graduation with Distinction in the Major

This department offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. In order to achieve distinction in the major, students must earn a GPA of 3.5 or higher within the AAS major and an overall GPA of 3.0 or higher.

3100 Anthropology

Programs Offered:

- **Bachelor of Arts in Anthropology**
- **Minor in Anthropology**

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

Kathryn A. Kozaitis, Chair
Cassandra White, Director of Undergraduate Studies

Anthropology, the study of humans, provides students with a perspective on the nature of humankind over time and in different environments. It is concerned with humans as biological beings (biological anthropology), with prehistory and cultural evolution (archaeology), and with how humans order their worlds socially and culturally (social/cultural anthropology), as well as with the nature of human language (linguistic anthropology). The Department of Anthropology offers a Bachelor of Arts degree in Anthropology. Undergraduate majors are encouraged to take a wide range of courses in archaeology, biological anthropology, cultural anthropology, and linguistic anthropology. Anthropologists are frequently teachers and/or researchers in colleges and universities, or, alternatively, they work for public and private agencies. Within these areas, they may be specifically concerned with historic or cultural resource preservation or cross-cultural competencies in such areas as medicine, community development, education, tourism, business, and other specialties.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

Program Financial Information

No additional expenses are needed to complete this degree program. Some special courses that travel away from campus, such as ANTH 4550 Field School in Anthropology, will have additional costs. The department offers two endowed scholarships for undergraduate majors: the Robert L. Blakeley Endowed Scholarship in Anthropology and the Jeremy D. Gillen Endowed Memorial Scholarship in Anthropology.

Program Academic Regulations

Students must earn a grade of C or better in any courses required for Areas F and G. A grade of C or higher is also required in all courses counting toward an Anthropology minor.

Program Degree Requirements

Alternatives are available to some core and major requirements. Please see the Director of Undergraduate Studies for specific guidelines.

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

B.A. in Anthropology

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

1. Required Courses (12)
    - ANTH 2010 Introduction to Biological Anthropology (3)
    - ANTH 2020 Introduction to Cultural Anthropology (3)
    - ANTH 2030 Archaeology and Prehistory (3)
    - World language at the 1002 level or higher (3)
2. Select additional courses as follows to complete 18 hours in Area F:
    a. Choose at least one course from the following:
        - ANTH 1102 Introduction to Anthropology (3)
        - ENVS 1402 Plant Resources in the Environment (4)
        - GEOG 1101 Introduction to Human Geography (3)
        - GEOL 1122K Introductory Geology II (4)
        - MATH 1070 Elementary Statistics (3)
        - HIST 1111 Survey of World History to 1500 (3)
        - PHIL 1010 Critical Thinking (2)
        - PERS 2001 Perspectives on Comparative Culture (3)
        - SOCI 1101 Introduction to Sociology (3)
        - WGSS 2010 Introduction to Women's, Gender, and Sexuality
        - World language at the 2001 level (3)
    b. Choose no more than one course from the following:
        - AL 2101/ FORL 2101 Introduction to Language (3)
        - AL 2102/ FORL 2102 Languages of the World (3)
        - ANTH 2040 Introduction to Linguistic Anthropology (3)
        - World language at the 2002 level (3)

Area G: Major Courses (27)

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

1. Course that fulfills CTW requirement (3):
    - ANTH 4970 Senior Seminar in Anthropology-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 4340 Applied Anthropology (3)
    - ANTH 4360 Methods and Theories in Biological Anthropology (3)
    - ANTH 4370 Forensic Anthropology (3)

    - ANTH 4480 Ethnography Into the 21st Century (4)
    - ANTH 4550 Field School in Anthropology (4-8)
    - ANTH 4590 Archaeological Methods (4)
    - ANTH 4670 Methods in Sociocultural Anthropology (3)
4. Electives: Additional courses at the 3000 or 4000 level (at least 17 hours)

Area H: Minor and Additional Courses

1. Students majoring in anthropology are not required to take a minor.
2. Students majoring in anthropology must take additional courses as electives to complete a minimum of 120 hours, exclusive of KH 1010.

Minor in Anthropology

Students who wish to minor in anthropology should complete the following requirements (1 and 2). (at least 15 hours) A grade of C or higher is required in all courses counting toward the minor.

1. Select one course. (3)
    - ANTH 2010 Introduction to Biological Anthropology (3)
    - ANTH 2020 Introduction to Cultural Anthropology (3)
    - ANTH 2030 Archaeology and Prehistory (3)
    - ANTH 2040 Introduction to Linguistic Anthropology (3)
2. Select four anthropology courses at the 3000 level or above (at least 12 hours).

Students taking more than 15 hours in courses in anthropology may count the additional hours toward their electives or may consider completing a double major.

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the undergraduate director for the specific criteria for this honor.

3110 Applied Linguistics and English as a Second Language

Programs Offered:

- **Bachelor of Arts in Applied Linguistics**
- **Certificate in Teaching English as a Foreign Language**
- **Minor in Applied Linguistics**
- **ESL Credit-Bearing Courses**
- **Intensive English Program**
- **Dual B.A. / M.A. in Applied Linguistics**

Department of Applied Linguistics and English as a Second Language
15th Floor, 25 Park Place Building
404-413-5200
alesl.gsu.edu

Diane Belcher, Chair

Applied linguistics is an interdisciplinary field that integrates many perspectives on the study of human language. Studying linguistics is not a matter of learning many different languages, but rather it is the study of the nature of language in general. Applied Linguistics is the study of language and communication in relation to real-world problems such as language acquisition and teaching, language assessment, language analysis on a large or small scale, improving intercultural communication, and understanding the relationship between language and social organization or behaviors.

The Department of Applied Linguistics and English as a Second Language offers 1) a B.A. degree in Applied Linguistics; 2) a minor in Applied Linguistics; 3) a certificate* in Teaching English as a Foreign Language (TEFL), 4) ESL credit-bearing courses for non-native speakers of English, and 5) Intensive English Program (IEP) courses for non-native speakers of English.

*NOTE: The TEFL certificate overlaps with and may be combined with either the major or the minor.

The major and minor in Applied Linguistics provide the opportunity for students to explore the field of linguistics from an interdisciplinary perspective.

The TEFL certificate program provides students with appropriate skills and a credential that will enable them to teach English as a foreign/world language abroad. Students majoring in any undergraduate program can earn the TEFL certificate. In addition, the certificate can be earned by any post baccalaureate student. TEFL certificate requirements consist of the following five courses: AL 3021, AL 3041, AL 3051, AL 3101, and AL 4161. AL 3021 is a prerequisite for AL 3041, AL 3051, and AL 4161. AL 2021 Intro to English Linguistics is a prerequisite to these courses, except for post-baccalaureate students, but students may be exempted from this requirement by taking a departmental exam. AL 3021 is the first course in the series, but may be taken in conjunction with AL 3051 and AL 3101. AL 4161 should be the last course taken, and AL 3051 is a prerequisite to this practicum course.

For information on credit-bearing ESL courses for non-native speakers of English and the Intensive

English Program, see Sections 3230 (English as a Second Language) and 3330 (Intensive English Program).

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

Program Academic Regulations

Students must earn a grade of C or better in any courses required for Areas F and G. A grade of C or higher is also required in all courses counting toward an Applied Linguistics minor and/or the TEFL certificate.

Program Degree Requirements

Alternatives are available to some core and major requirements. Please see a degree program adviser for specific guidelines. In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Program Financial Information

Effective summer 2009, lab fees will be assessed automatically for students who register for certain courses. As a result, students will no longer be required to purchase lab fee cards. For more information, please feel free to contact the department or review the GoSolar or catalog course listings to determine if a course includes a lab fee.

B.A. in Applied Linguistics

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

1. Choose two of the following (6):
    - AL 2021 Introduction to English Linguistics (3)*
    - AL 2101 Introduction to Language (3)*
    - AL 2102 Languages of the World (3)
    - AL 2231 Understanding Miscommunication (3)
    - AL 2290 Introductory Special Topics in Applied Linguistics (3)
      *NOTE: Some 2000-level courses are prerequisites to upper-level AL courses. See course descriptions or an advisor for details.
2. World language requirements (3-12):
    a. World language through the 2002 level (0-9):
    Students must complete world language courses through level 2002 in one world language or demonstrate equivalent proficiency through examination (e.g., Advanced Placement, CLEP, or other approved examination procedures). American Sign Language (ASL) may now be taken for your entire four-semester language series.
    b. Less commonly taught World language (3):

Students must complete at least one semester of a less commonly taught language (i.e., any language other than French, German, Latin, Spanish, or Italian) and are strongly encouraged to study a non-Indo-European language to fulfill this requirement. This requirement is in addition to the four-semester language series, unless the language studied through 2002 is an LCTL. American Sign Language is considered an LTCL for the purposes of fulfilling this requirement.
A student may include world language study through course 1002 in area C; in this case additional electives may be taken in Area F to attain 18 credit hours.

3. Select additional elective courses from the following to complete 18 hours in Area F:
    - World Language 1001-1002 (3-6)
    - World Language 2001-2002 (3-6)
    - ANTH 1102 Introduction to Anthropology (3)
    - ANTH 2020 Introduction to Cultural Anthropology (3)
    - ANTH 2040 Introduction to Linguistic 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)
    - SCOM 1010 Voice and Articulation (3)
    - SCOM 2400 Interpersonal Communication (3)
    - Students who complete their world language requirement through examination or use their world language courses in a minor must choose additional electives at the 1000/2000 level to reach 18 credit hours in Area F. Applied linguistics students are encouraged to study additional languages to fulfill these requirements.

Area G: Major Courses (30)

1. Students must complete AL 2021 or successfully pass the departmental placement test to enroll in AL 3021.
    - AL 3021/FORL 3021 Introduction to Linguistics (3)+
2. Required courses (6):
    - AL 3031 Language in Society (3)
    - Select one of the following:
        - AL 4151 Communication across Cultures-CTW (3) OR
        - AL 4241 Senior Seminar in Applied Linguistics-CTW (3)

Note: AL 3031 is a prerequisite to AL 4151. AL 4241 may have other prerequisites, depending on its topic. Take AL 3031 and choose one CTW course (the other may be used as elective under #4 or #5 below).

1. Major Requirements (9):
   AL 3021 is a prerequisite to the courses in this area. Choose three (the fourth may be used as elective under #4 or #5 below).

    - AL 3041 Introduction to Second Language Acquisition (3)+
    - AL 4011 Phonetics and Phonology (3)
    - AL 4012 Morphology and Syntax (3)
    - AL 4111 Semantics and Pragmatics (3)

2. Additional Upper-Level Electives in the Department of Applied Linguistics and ESL. (9)
    - AL 3051 Teaching English as a Foreign Language I: Methods and Approaches (3)+
    - AL 3101 English Grammar in Use (3)+
    - AL 4090 Language and Computers (3)
    - AL 4121 Historical Linguistics (3)
    - AL 4131 Bilingualism (3)
    - AL 4141 Special Topics (3) (may be repeated with different topics)
    - AL 4161 Teaching English as a Foreign Language II: Practicum and Classroom Practices (3)+
    - AL 4980 Internship (3) (may be repeated)
    - AL 4985 Internship Abroad (3)
    - AL 4999 Directed Reading (3)

      +NOTE: Students completing the five courses marked with a plus sign (+) will also receive the certificate in Teaching English as a Foreign Language.
3. One signature experience elective. Choose one course from the following. Other relevant electives inside or outside the department may be taken with departmental approval. (3)
    - AL 4980 Internship
    - AL 4985 Internship Abroad
    - Any 3xxx or 4xxx course taken while on study abroad or international exchange
    - Any 3000- or 4000-level world language course (including American Sign Language) in your world language
    - An extra AL CTW course (AL 4151 or AL 4241, not taken for requirements above)
    - An extra Linguistic Analysis elective (AL 3041, AL 4011, AL 4012, or AL 4111, not taken for requirements above)
    - An approved course in an allied field (see department for approval)

Area H: Minor and Additional Courses

1. Students majoring in applied linguistics are not required to take a minor.
2. Students majoring in applied linguistics must take additional courses as electives to complete a minimum of 120 total hours, exclusive of KH 1010, and 39 residency hours. Students are strongly encouraged to choose electives from the lists above in cognate disciplines such as Anthropology, World Languages, Sociology, Speech Communication, Psychology, Philosophy, History, Religious Studies, English, Education, etc.

Minor Offerings

Students who wish to minor in applied linguistics should complete the following six requirements (15-18 hours). A grade of C or higher is required in all courses counting toward the minor. AL 3021/FORL 3021 Introduction to Linguistics is a prerequisite for all courses in 4-6. Students who wish to complete both a minor and a TEFL certificate may count some of the same courses toward requirements for both programs. The minor is 15-18 hours and the TEFL certificate is 15-18 hours; completed together they are 21-27 hours. See the departmental advisor for more information on this combined program of study.

1. World language at the 1002-level (3)*
2. Any 2000 level AL/ForL course (3)
3. AL 3021/FORL 3021 Introduction to Linguistics (3)+

4. Select one course. (3)
    - AL 3041/FORL 3041 Introduction to Second Language Acquisition (3)
    - AL 4131/FORL 4131 Bilingualism (3)
5. Select one course. (3)
    - AL 4011/FORL 4011 Phonetics & Phonology (3)
    - AL 4012 Morphology & Syntax (3)
6. Any 3000 or 4000 level AL/ForL course (3):
   *NOTE: The world language 1002 is waived if it is a requirement in the student's declared major.
   +NOTE: AL 2021 Introduction to English Linguistics or a passing exemption exam score is now a prerequisite to AL 3021.

Dual B.A. / M.A. Program in Applied Linguistics

The department offers a dual Bachelor of Arts and Master of Arts in Applied Linguistics. The dual degree opportunity enables qualified students to enroll in graduate courses late in their undergraduate program and apply the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by the department and College of Arts and Sciences to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

Graduation with Distinction in the Major

This department offers undergraduate students the opportunity to earn the designation of graduation with distinction in the major. Please contact the department undergraduate director for the specific criteria for this honor.

3120 Arabic

Program Offered:

- **Minor in Arabic Language and Literature**
- **Certificate of Language Ability in Arabic**

Department of World Languages and Cultures
19th Floor, 25 Park Place Bldg.
404-413-5980
wlc.gsu.edu

William Nichols, Chair

Program Degree Requirements

Minor in Arabic Language and Literature

Students who wish to minor in Arabic must take 15-18 hours in Arabic language and literature, including at least nine semester hours at the 3000 level or above. Students taking more than 15 hours of courses in the language may count the additional hours toward their electives. No more than 3 hours may be taken in Arabic literature courses taught in English. A grade of C or higher is required in all courses counting toward the minor.

Current courses available for the minor include:

- ARBC 1001 Elementary Arabic I (3)
- ARBC 1002 Elementary Arabic II (3)
- ARBC 2001 Intermediate Arabic I (3)
- ARBC 2002 Intermediate Arabic II (3)
- ARBC 3001 Advanced Arabic (3)
- ARBC 3002 Advanced Arabic (3)
- ARBC 4501 Classical Arabic Literature and Culture (3)
- ARBC 4502 Modern Arabic Literature in Translation (3)
- ARBC 4999 Directed Readings (1-6)

This minor is not intended for those who are fluent in written and spoken Arabic. Please see a program advisor before signing up for the Arabic minor.

Certificate of Language Ability in Arabic

A strong demand exists by employers for candidates to offer credentials to verify language proficiency in both oral and written communication. The undergraduate Certificate of Language Ability is designed for students to offer tangible proof of their language abilities and makes an ideal complement to other areas of study such as business, international relations, public health, criminal justice, hospitality, and more.

The certificate consists of 12 credit hours at 2000 and 3000 level (minimum of 6 must be at the 3000 level),

with a B or higher in the first attempt at each course. Courses retaken using the university Repeat to Replace policy are not counted as first attempts.

- At the 2000-level, students may enroll in ARBC 2001 and ARBC 2002.
- At the 3000-level students may enroll in ARBC 3001 and ARBC 3002.

3150 Asian Studies

Programs Offered:

- **Bachelor of Interdisciplinary Studies with a Concentration in Asian Studies**
- **Interdisciplinary Minor in Asian Studies**

Faculty Coordinator: Ghulam Nadri, gnadri@gsu.edu, Department of History

The Bachelor of Interdisciplinary Studies (BIS) program in Asian Studies offers students an opportunity to acquire knowledge of this important and unique world region and a career-oriented range of skills. It allows students to follow a course plan with concentration in international business and economy. By taking a set of courses, students may also take a minor in international business. For students interested in teaching English in China, Japan, Korea, or elsewhere in Asia, it allows a concentration in English as a Second Language (ESL) with an option to obtain a TEFL certificate from the Department of Applied Linguistics (TEFL Certificate). Students interested in Asian societies and cultures will have the option to concentrate in Chinese, Japanese, or Indian/South Asian studies. It allows students to choose from a large pool of courses (taught by Georgia State faculty experts in their regions and disciplines) appropriate to their areas of concentration.

The minor in Asian Studies is an excellent complement to many other majors. Students pursuing a career in teaching English as a second language, international politics, international business, world history, world/comparative religions or another field, should consider a minor in Asian Studies as a way to strengthen their academic/professional credentials and increase marketable skills.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

Bachelor of Interdisciplinary Arts students should also consult regularly with the faculty program coordinator for the specific program regarding course selection, program plans, experiential learning, and other academic opportunities.

Program Admission

Students may enroll in a concentration upon admission to Georgia State University. Students who wish to change their major to this degree program should select a concentration in consultation with their academic advisor and the faculty coordinator. A 2.0 Georgia State University GPA is required.

Students who enroll in a concentration will be required to submit a course plan checklist to demonstrate their understanding of the degree requirements. It is highly recommended that students develop a course of study with their specific faculty coordinator before taking coursework in the degree program to avoid taking courses that will not count towards graduation.

Bachelor of Interdisciplinary Studies with a Concentration in Asian Studies

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).

Students must complete coursework in at least three disciplines (defined by course prefixes) in Area G and in at least two disciplines in Area H. Areas G and H should be constructed so that students take courses in distinct disciplines in each area (with some overlap expected); that is, the same prefix should not predominate in both Area G and H.

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).

Areas A-E: Core Curriculum Recommendations

While students are free to choose from the available courses in Areas A-E, the following are recommended choices for students in the Asian Studies BIS.

Area B:

- PERS 2001 Perspectives on Comparative Culture (2)
- PERS 2002 Scientific Perspectives on Global Problems (2)
- PERS 2003 Perspectives on Human Expression (2)

Area C:

1. Humanities Group: RELS 2001 Intro to World Religions (3)
2. World Languages Group:
    - ARBC 1002 or ARBC 2002 Elementary/Intermediate Arabic (3)
    - CHIN 1002 or CHIN 2002 Elementary/Intermediate Chinese (3)
    - JAPN 1002 or JAPN 2002 Elementary/Intermediate Japanese (3)
    - KORE 1002 or KORE 2002 Elementary/Intermediate Korean (3)

Note: Students studying a new language for the first time must start at 1001, which can count in Area F.

Area D:

- GEOG 1112K Introduction to Weather and Climate (4)
- GEOG 1113K Introduction to Landforms (4)

Area E:

- Global Group:
    - HIST 1111 Survey of World History to 1500 (3)

    - HIST 1112 Survey of World History since 1500 (3)
    - POLS 2401 Global Issues (3)
- Social Science Foundations Group:
    - GEOG 1101 Introduction to Human Geography (3)
    - ANTH 1102 Introduction to Anthropology (3)

Area F: Courses Appropriate to the Major (18)

1. Required introductory course: (3)
    - GLOS 2030/HIST 2030 Introduction to Asian Studies (3)
2. Required Language: Choose courses from one of the following. (6-9)
    - ARBC 1002, ARBC 2001, or ARBC 2002 Elementary/Intermediate Arabic (3)
    - CHIN 1002, CHIN 2001, or CHIN 2002 Elementary/Intermediate Chinese (3)
    - JAPN 1002, JAPN 2001, or JAPN 2002 Elementary/Intermediate Japanese (3)
    - KORE 1002, KORE 2001, or KORE 2002 Elementary/Intermediate Korean (3)
      Note: AP Students may only take 2002-level language course in Area F unless taking a different language.
3. Select additional elective courses from the following to complete 18 hours Area F:
    - General electives:
        - ANTH 2020 Introduction to Cultural Anthropology (3)
        - ANTH 2040 Introduction to Linguistic Anthropology (3)
        - ECON 2100 Global Economy (3)
        - ENGL 2110 World Literature (3)
        - HIST 1111 Survey of World History to 1500 (3)
        - HIST 1112 Survey of World History since 1500 (3)
        - PHIL 2010 Introduction to Philosophy (3)
        - POLS 2401 Global Issues (3)
        - RELS 2001 Intro to World Religions (3)
        - WGSS 2010 Introduction to Women's/Gender/Sexuality Studies (3)
    - Recommended for students concentrating in international business and economy:
        - ACCT 2101 Principles of Accounting I (3)
        - ACCT 2102 Principles of Accounting II (3)
        - BUSA 2106 Legal and Ethical Environment of Business (3)
        - CIS 2010 Introduction to Information Systems (3)
        - ECON 2100 Global Economics (3)
        - ECON 2105 Microeconomics (3)*
        - ECON 2106 Macroeconomics (3)*
        - ECON 2990 Special Topics in Economics I (if related with Asia) (3)
    - Recommended for students concentrating in ESL or interested in TEFL certificate:
        - AL 2021 Introduction to English Linguistics (3)
        - AL 2101 Introduction to Language (3)
        - AL 2102 Languages of the World (3)
        - SCOM 2900 Intercultural Communication (3)

Area G: Area of Concentration (27-33)

Students must complete coursework in at least three disciplines (defined by course prefixes) in Area G.

Courses followed by an asterisk (*) have prerequisites. Asian Studies majors may be exempted from a prerequisite for some of the Economics courses through instructor's permission. See the Asian Studies program coordinator for additional information.

1. Required Courses to fulfill CTW requirement (3-4)
   Select one CTW course from below.

   - AL 4151 Communication across Cultures-CTW (3)
   - AL 4241 Senior Seminar in Applied Linguistics-CTW (3)
   - ARBC 4501 Classical Arabic Literature and Culture-CTW (3)
   - ARBC 4502 Modern Arabic Literature and Culture-CTW (3)
   - BUSA 3000 Globalization and Business Practice-CTW (3)
   - CHIN 3080 Topics in Chinese Studies (3)
   - CHIN 3081 Cultural Dimensions of Language Learning (3)
   - CHIN 4995 Directed Readings BIS (CTW) (3)
   - ECON 3900 Macroeconomics-CTW (3)*
   - ENGL 3040 Introduction to Literary Studies-CTW (3)
   - ENGL 3050 Introduction to Rhetoric and Composition-CTW (3)
   - HIST 3000 Introduction to Historical Studies (4)
   - POLS 3800 Introduction to Political Research-CTW (3)
   - RELS 3750 Theories and Methods in Religious Studies-CTW (3)
2. Required Language Courses (6):
   - ARBC 3001 Advanced Arabic I (3)
   - ARBC 3002 Advanced Arabic II (3)
   - CHIN 3001 Advanced Chinese I (3)
   - CHIN 3002 Advanced Chinese II (3)
   - JAPN 3001 Advanced Japanese I (3)
   - JAPN 3002 Advanced Japanese II (3)
   - KORE 3001 Advanced Korean I (3)
   - KORE 3002 Advanced Korean II (3)
3. Asian Studies in Context (17-24):
   A. Study abroad (to Asia) or Asia-related internships (3-6 credit hours) (recommended).
      - AH 4930 Art History Internship (3)
      - GERO 4119/SOCI 4119 Global Aging Families (3)
      - HIST 4975 Study Abroad (3)
      - POLS 4490 Study Abroad (3)
      - RELS 4400 Internship in RELS (3)

   B. History, Politics, and Economy (6-12):
      - BUSA 3000 Globalization and Business Practices (3)
      - ECON 4800 International Trade (3)*
      - ECON 4810 International Finance (3)*
      - GLOS 3100/HIST 3100Introduction to Global History (3
      - GLOS 3700 /HIST 3700China and Japan to 1600 (4)
      - GLOS 3710/HIST 3710China and Japan since 1600 (4)
      - GLOS 3780/HIST 3780/MES 4110 Middle East, 600-1800 (4)
      - GLOS 3800/HIST 3800 History of India (3)
      - GLOS 3850 /HIST 3850China, India, and the Modern World Economy (3)

- HIST 3615 The Indian Ocean World (4)
- HIST 3640 Piracy from Ancient to Modern Times (4)
- HIST 4815 Palestine and the Middle East (4)
- IB 3090 Introduction to International Business (3)
- IB 4020 International Trade Management (3)
- IB 4030 China's Economy and International Business Environment (3)
- MES 4120/HIST 3790 Middle East since 1800 (4)
- POLS 3200 Comparative Politics (3) (if Asia included)
- POLS 3400 International Politics (3) (if Asia included)
- POLS 4255 Politics and Political Economy of East Asia (3)
- POLS 4256 Politics and Political Economy of Japan (3)
- POLS 4257 Chinese Politics (3)
- POLS 4285 Politics and Religion in Comparative Perspective (3) (if Asia included)
- POLS 4465 China in the International System (3)

C. Language, Society, and Culture (6-12):

- AL 3031 Language in Society (3)
- AL 3051 Methods of Teaching EFL (3)
- AL 3101 English Grammar in Use (3)
- ARBC 4890 Independent Study (3)
- AH 4680 Art of Korea (3)
- CHIN 3080 Topics in Chinese Studies (CTW) (3)
- CHIN 3081 Cultural Dimensions of Language Learning-CTW (3)
- CHIN 3083 Modern China Through Film (3)
- FLME 4180 International Cinema (3)
- FLME 4185 Global Media and Culture (3)
- JAPN 3012 Advanced Japanese IV (3)
- JAPN 3013 Intensive Grammar Review (3)
- JAPN 3081 Japanese Language and Society (3)
- JAPN 3082 Reading and Writing in Japanese (3)
- JAPN 4990 Independent Study (3)
- KORE 3011 Korean Proficiency through Korean Drama (3)
- KORE 4011 Korean for Professional Purposes (3)
- KORE 4300 Korean Language, Culture and Society (3)
- RELS 3260 Asian Religions in America (3)
- RELS 3270 Religious Traditions of the World (3)
- RELS 4270 Women and Religion (3)
- RELS 4620 Confucianism and Taoism (3)
- RELS 4625 Zen and Shinto (3)
- RELS 4628 Topics in Asian Religions (3)
- RELS 4650 Religion and Ethics (3)
- SOCI 3315 Asian American Experience (3)
- SOCI 4360 Religion and Society (3)
- WGSS 4210 Women in Cross-Cultural Perspective (3)
- WGSS 4240 Sexuality and Gender in Asia (3)
- WGSS 4842 Sexuality and Nationalism (3)
- WGSS 4846 Gender, War, and Militarism in/and the Middle East (3)

AL 3051 AND AL 3101 ARE Required for TEFL certificate.

Area H: Allied Fields (choose one) (15-21)

Choose one concentration. Students must complete coursework in at least two disciplines (defined by course prefixes) in Area H.

Courses followed by an asterisk (*) have prerequisites. Asian Studies majors may be exempted from a prerequisite for some of the Economics or Applied Linguistics courses through instructor's permission or departmental exam. See the Asian Studies program coordinator for additional information.

- International Business Practices:
  - BUSA 3000 Globalization and Business Practice (3)*
  - ECON 4220 Environment Economics and Policy (3)*
  - ECON 4300 Economics of Cities (3)*
  - ECON 4600 Economic Development (3)*
  - ECON 4800 International Trade (3)*
  - ECON 4810 International Finance (3)*
  - FI 3300 Corporation Finance (3)*
  - FI 4040 Foundations in International Finance (3)
  - GEOG 4762 Economic Geography (3)
  - IB 3090 Introduction to International Business (3)
  - IB 4100 Intro to International Entrepreneurship (3)
  - LGLS 4080 Legal Issues in International Business (3)
  - MGS 3400 Managing People in Organizations (3)*
  - MK 3010 Basic Marketing (3)*
  - MK 4600 International Marketing (3)*
  - SOCI 3201 Wealth, Power, and Inequality (3)
  - SOCI 3208 Work and Employment (3)
- Language Instruction (English as a Second Language and TEFL):
  - AL 3021 Introduction to Linguistics (3)*
  - AL 3031 Language in Society (3)
  - AL 3041 Second Language Acquisition (3)*
  - AL 3051 Methods of Teaching EFL (3)*
  - AL 3101 English Grammar in Use (3)*
  - AL 4011 Phonetics and Phonology (3)
  - AL 4090 Language and Computers (3)
  - AL 4131 Bilingualism (3)
  - AL 4151 Communication across Cultures-CTW (3)
  - AL 4161 EFL Practicum (3)*
  - FORL 3022 Developing and Marketing Second Language Teaching Skills (3)
  - FORL 4021 Technology Integration for Foreign Language Teaching and Learning (3)
  - FORL 4025 Approaches to Early Language Learning, Grades P-8 (3)
  - FORL 4026 Approaches to Language Teaching, Grades 9-12 (3)
  - FORL 4060 Teaching Diverse World Language Learners – Internship (3)
  - JOUR 4650/MES 4600 International Communication/Journalism (3)
  - SCOM 4800 Communication and Diversity-CTW (3)

- Chinese Studies:
    - CHIN 3080 Topics in Chinese Studies (3)
    - CHIN 3081 Cultural Dimensions of Language Learning (3)
    - CHIN 3083 Modern China Through Film (3)
    - CHIN 4011 Chinese for International Business I (3)
    - CHIN 4012 Chinese for International Business II (3)
    - CHIN 4021 Modern Chinese Literature in Translation (3)
    - GEOG 4406 Advanced Regional Geography (4) (if China included)
    - GLOS 3700/HIST 3700 China and Japan to 1600 (4)
    - GLOS 3710/HIST 3710 China and Japan since 1600 (4)
    - GLOS 3850/HIST 3850 China, India, and the Modern World Economy (3)
    - HIST 4890 Topics in World History (3-4) (if China included)
    - IB 4030 China and International Business (3)
    - POLS 4255 Politics and Political Economy of East Asia (3)
    - POLS 4257 Chinese Politics (3)
    - POLS 4290 Studies in Comparative Politics (3) (if China included)
    - POLS 4465 China in the International System (3)
    - POLS 4490 Studies in International Relations (3) (if China included)
    - RELS 4290 Pilgrimage (3) (if China included)
    - RELS 4620 Confucianism and Taoism (3)
    - RELS 4625 Zen and Shinto (3)
    - RELS 4628 Topics in Asian Religions (3) (if China included)
    - SOCI 3315 Asian American Experience (3)
- Japanese Studies:
    - AH 4670 Art of Japan (3)
    - GEOG 4406 Advanced Regional Geography (4) (if Japan included)
    - GLOS 3700/HIST 3700 China and Japan to 1600 (4)
    - GLOS 3710/HIST 3710 China and Japan since 1600 (4)
    - HIST 4975 Study Abroad (if Japan) (3)
    - JAPN 3013 Intensive Grammar Review (3)
    - JAPN 3081 Japanese Language and Society (3)
    - JAPN 3082 Reading and Writing in Japanese (3)
    - JAPN 4990 Independent Study (3)
    - 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 4490 Study Abroad (if Japan) (3)
- Indian/South Asian Studies:
    - GEOG 4406 Advanced Regional Geography (4) (if India/South Asia included)
    - GLOS 3800/HIST 3800 History of India (3)
    - GLOS 3850/HIST 3850 China, India, and Modern World Economy (3)
    - HIST 3615 The Indian Ocean World (4)
    - HIST 4890 Topics in World History (3-4) (if India/South Asia)
    - POLS 4258 Government and Politics of South Asia (3)
    - POLS 4285 Politics and Religion in Comparative Perspective (3) (if India)
    - POLS 4290 Studies in Comparative Politics (3) (if India/South Asia included)
    - RELS 4290 Pilgrimage (3) (if India/South Asia included)

- RELS 4610 Hinduism (3)
- RELS 4612 Hindu Sacred Myths and Epics (3)
- RELS 4615 Buddhism (3)
- RELS 4628 Topics in Asian Religions (3) (if Islam, Hinduism, and Buddhism)
- SOCI 4360 Religion and Society (3) (if on India/South Asia)
- WGSS 4240 Sexuality and Gender in Asia (3) (if India/South Asia included)

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. For general information about study abroad in different countries of Asia, contact Study Abroad Programs, Office of International Initiatives (404-413-2529, mystudyabroad@gsu.edu).

Graduation with Distinction in the Major

This program offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the program director, Ghulam Nadri (gnadri@gsu.edu), for the specific criteria for this honor.

Interdisciplinary Minor in Asian Studies

Requirements: 15-18 credit hours of Asia-related courses. A minimum grade of C or higher is required in all courses counting toward the minor. No more than two courses (6-8 hours) may come from a single discipline/prefix. Courses counted toward the interdisciplinary minor cannot also count toward the major.

1. Required introductory course (3):
    - GLOS 2030/HIST 2030 Introduction to Asian Studies (3)
2. Required language course. Choose one Asian language course from the following (3):
    - ARBC 1002, ARBC 2001, or ARBC 2002 Elementary/Intermediate Arabic (3)
    - CHIN 1002, CHIN 2001, or CHIN 2002 Elementary/Intermediate Chinese (3)
    - JAPN 1002, JAPN 2001, or JAPN 2002 Elementary/Intermediate Japanese (3)
    - KORE 1002, KORE 2001, or KORE 2002 Elementary/Intermediate Korean (3)

    Notes:

        - The selected course should be in addition to the course used to fulfill requirements in Area F or Area G, if appropriate.
        - Students who are native speakers of one of the above languages must either take a course in another language or take four courses from section 3 below. Transfer students who have course credit in other Asian languages may apply these to the minor on approval of the minor faculty coordinator.
3. Electives. Choose three courses from the following (9-12):

- AH 4670 Art of Japan (3)
- ARBC 4501 Classical Arabic Literature & Culture (3)
- ARBC 4502 Modern Arabic Literature in Translation (3)
- CHIN 3080 Topics in Chinese Studies (3)
- CHIN 4011 Chinese for International Business I (3)
- CHIN 4012 Chinese for International Business II (3)
- CHIN 4021 Modern Chinese Literature in Translation (3)
- GLOS 3700/HIST 3700 China and Japan to 1600 (4)
- GLOS 3710/HIST 3710 China and Japan since 1600 (4)
- GLOS 3780 HIST 3780/MES 4110 Middle East, 600-1800 (4)
- GLOS 3800/HIST 3800 History of India (3)
- GLOS 3850/HIST 3850 China, India, and the Modern World Economy (3)
- GERO 4119/SOCI 4119 Global Aging Families (3) (study abroad course in Asia only)
- HIST 3615 The Indian Ocean World (4)
- HIST 3790/MES 4120 Middle East since 1800 (4)
- IB 4030 China and International Business (3)
- JAPN 3081 Japanese Language and Society (3)
- KORE 3011 Korean Proficiency through TV Drama (3)
- KORE 4011 Korean for Professional Purposes (3)
- KORE 4300 Korean Language Culture and Society (3)
- POLS 4255 Politics and Political Economy of East Asia (3)
- POLS 4256 Politics and Political Economy of Japan (3)
- POLS 4257 Chinese Politics (3)
- POLS 4465 China in the International System (3
- POLS 4258 Government and Politics of South Asia (3)
- RELS 4610 Hinduism (3)
- RELS 4612 Hindu Sacred Myths and Epics (3)
- RELS 4615 Buddhism (3)
- RELS 4620 Confucianism and Taoism (3)
- RELS 4625 Zen and Shinto (3)
- RELS 4628 Topics in Asian Religions (3)
- SOCI 3315 Asian American Experience (3)
- WGSS 4240 Sexuality and Gender in Asia (3)
- Study abroad in Asia (3)

3160 Astronomy

Program Offered:

- **Bachelor of Science in Physics with a Concentration in Astronomy**

Department of Physics and Astronomy
Room 605, 25 Park Place
404-413-6033
phy-astr.gsu.edu

D. Michael Crenshaw, Chair
Brian Thoms, Associate Chair and Undergraduate Director in Physics

Sumith Doluweera, Undergraduate Director in Physics – Lower Division Courses
Ben McGimsey, Undergraduate Director in Astronomy

The Astronomy program at Georgia State University is integrated with the Physics program. For information on the B.S. in Physics with a Concentration in Astronomy, see section 3460.

3170 Biology

Programs Offered:

- **Bachelor of Science in Biology**
  - **General Biology Studies (no concentration)**
  - **Concentration in Ecology, Evolution, and Organismal Biology**
  - **Concentration in Microbiology**
  - **Concentration in Molecular Genetics and Cell Biology**
  - **Concentration in Neurobiology and Behavior**
  - **Concentration in Preprofessional Programs/Physiology**
- **Dual B.S./M.S. in Biology**
- **Minor in Biology**

Department of Biology
Petit Science Center, Suite 495
404-413-5300
biology.gsu.edu

Eric Gaucher, Director
Jessica Parilla, Director of Undergraduate Programs
Kavita Oommen, Assistant Director of Undergraduate Programs

Biology, the science of life and life processes, includes the study of structure, function, growth, development, reproduction, origin, evolution, and distribution of living organisms.

A degree in biology provides students with a variety of career opportunities. Potential careers range from applied or basic laboratory research and field studies in numerous state and federal organizations and industry, to education in public and private school systems. Furthermore, the degree provides the ideal preparation for entry into medical, dental, and veterinary schools and other health-related professions. Finally, a bachelor's degree in biology provides a good foundation for advanced studies at the M.S. or Ph.D. level in biological sciences.

As an alternative to the General Biology Studies program (and in addition to the core degree requirements), courses in one of several areas of concentration, listed below, are available. Interdisciplinary programs with other departments/schools/institutes (such as Behavioral Biology or Environmental Science) are also an option. To plan the major according to the particular needs and goals, students should consult the "Undergraduate Program" area of the Biology Department Website (biology.gsu.edu) for information about the major.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

B.S. in Biology

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). Alternatives are available for some requirements in Areas A-F. Please see a degree program advisor for specific guidelines.

Area A:

- Required course: MATH 1113 Precalculus (3) or any higher-level mathematics course) (3)

Area B:

- Recommended course: PHIL 1010 Critical Thinking (2)

Area D:

- Recommended courses: PHYS 1111K Introductory Physics I (4) and PHYS 1112K Introductory Physics II (4)
- Required course: Any mathematics course not taken in Area A from the following choices: MATH 1070, MATH 1220, MATH 2201, MATH 2202, MATH 2211, MATH 2212 (or any higher-level math).

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 to complete 18 hours in Area F:
    - BIOL 2106 Introduction to the Biological Sciences (2)
    - BIOL 2110K Human Anatomy and Physiology I (4)
    - BIOL 2120K Human Anatomy and Physiology II (4)
    - BIOL 2240 Introduction to Human Physiology (3)
    - BIOL 2300 Microbiology and Public Health (3)
    - BIOL 2500 Neurobiology and Behavior (2)
    - BIOL 2800 Introduction to Molecular Biology (2)
    - [RSCH 1203] Research Strategies and Technology (1)

- Students who decide to major in biology after completing BIOL 1103K may use it 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 or BIOL 1104K may use these courses for credit toward Area F if they complete BIOL 2800 before enrolling in major

courses (Area G).

- All courses above ending in K are commonly offered as separate lecture and lab (L) courses by GSU's Perimeter College. The combined (K) courses and separate lecture and lab (L) courses cover the same subject matter and are considered equivalent courses.
- Any credit hours exceeding 18 earned to complete the Area F requirements will count toward elective hours.

Area G: Major Courses (35)

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 (3)
    - BIOL 3810 Molecular Cell Biology Laboratory-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 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 to reach 35 credit hours in Area G.

Area H: Chemistry Requirements (6)

Students majoring in biology are required to complete the following:

1. Required courses (6)
    - CHEM 2400 Organic Chemistry I (3)
    - CHEM 2410 Organic Chemistry II (3)

Area I: Additional Courses (17)

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 Biology (4)
- ANTH 4350 Applied Biocultural Anthropology (3)
- ANTH 4370 Forensic Anthropology (3)
- ANTH 4390 Diet, Demography and Disease (3)
- CHEM 2100 Intermediate Organic Chemistry Laboratory I (2)
- CHEM 3110 Intermediate Organic Chemistry Laboratory II (2)
  Note: (CHEM 2100 and CHEM 3110 are required by most professional programs.)
- CHEM 4110 Physical Chemistry I (3)
- CHEM 4600 Biochemistry I (5)
- 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 (3)
- GEOG 4646 Water Resources (3)
- EPY 2040 The Science of Learning: Theories, Application, and Practice (3)
- EPY 2050 Human Growth and Development (3)
- LT 3210 Teaching, Learning, and Technology Integration (3)
- KH 3000 Personal Health and Wellness (3)
- KH 3390 Advanced First Aid and Emergency Care (3)
- KH 3610 Motor Learning and Development (4)
- MATH 1070 Elementary Statistics (3)
- MATH 2202 Calculus for the Life Sciences II (4)
- MATH 2211 Calculus of One Variable I (4)
- MATH 2211 Calculus of One Variable I (4)
- MATH 2212 Calculus of One Variable II (4)
- MATH 2215 Multivariate Calculus (4)
- PHIL 4130 Philosophy of Science (3)
- PHIL 4740 Advanced Biomedical Ethics (3)
- PH 3001 Introduction to Research Methods in Public Health (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)
- [SNHP 3000] Communication and Cultural Diversity (3)
- SOCI 3156 Sexuality and Society (3)
- Any other 3000- or 4000-level course in Anthropology, Biology, Chemistry Neuroscience, Nutrition, Psychology, or Physics.

Students majoring in biology must take additional courses as electives to complete a minimum of 120 hours, exclusive of KH 1010.

Ecology, Evolution, and Organismal Biology Concentration

Required: Area G3

- Select one from the following options:
    - BIOL 3830 Plant Biology Laboratory (1)
    - BIOL 3850 Animal Biology Laboratory (1)
    - BIOL 3890 Microbiology Laboratory (1)

Required: Area G5

- Both of the following courses are required (7)
    - BIOL 3440 Evolution (3)
    - BIOL 4045K General Ecology (4)
- Choose one Signature Experience course from the following (2-5):
    - BIOL 4050 Natural Environments of Georgia (4)
    - BIOL 4915 Collaborative Internships in Biology (2), on a subject related to EEO
    - BIOL 4916 Internships in Biology (2), on a subject related to EEO
    - BIOL 4905 Theme-Based Biology Laboratory (2-4)
    - BIOL 4910 Undergraduate Research in Biology (2-5), on a subject related to EEO
    - BIOL 4930 Topics in Biology (3-4) on a subject related to EEO that has a signature experience component; requires departmental approval.
- Choose 10-13 credit hours of the following:
    - BIOL 3020 Introduction to Marine Biology (3)
    - BIOL 3820 Plant Biology (3)
    - BIOL 4011 Principles of Paleontology (4)
    - BIOL 4014K Invertebrate Biology (4)
    - BIOL 4015K Vertebrate Biology (4)
    - BIOL 4040 Neuroethology (4)
    - BIOL 4074 Developmental Biology (4)
    - BIOL 4104 Zoo Biology (4)
    - BIOL 4241 Hormones and Behavior (4)
    - BIOL 4451 Aquatic Pollution and Toxicology (4)
    - BIOL 4458 Microbial Ecology and Metabolism (4)
    - BIOL 4648 Biogeography(4)

    - BIOL 4744 Biostatistics (3)

Microbiology Concentration

Required: Area F2

- Select one of the following (3):
    - BIOL 2300 Microbiology and Public Health (3)

Recommended: Area G3

- 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 one of the following (4-5)
    - BIOL 4278 Immunology (4)
    - BIOL 4438 Applied Microbiology (4)
    - BIOL 4484 Laboratory Techniques in Applied and Environmental Microbiology (4)
    - BIOL 4580 Microbial Pathogenesis (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 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 10 hours (11 if BIOL 3910 is used in G3) 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 4630 Enzymology (4)
    - BIOL 4685 Functional Histology-CTW (4)
    - BIOL 4696 Laboratory in Molecular Biological Techniques (4)
    - BIOL 4744 Biostatistics (3)
    - BIOL 4910 Undergraduate Research in Biology (1-5), on a topic related to molecular genetics and cell biology
    - BIOL 4930 Topics in Biology (3-4)

Required: Area I

- CHEM 4600 Biochemistry I (5)

Neurobiology and Behavior Concentration

Recommended: Area F2

- BIOL 2500 Neurobiology and Behavior (2)

Recommended: Area G3

- BIOL 3850 Animal Biology Laboratory (1)

Required: Area G5

- BIOL 4102 Neurobiology (4)
- Choose 18 hours of the following (3-5 credit hours each):
    - BIOL 4014K Invertebrate Biology (4)
    - BIOL 4045K General Ecology-CTW (4)
    - BIOL 4074 Developmental Biology (4)
    - BIOL 4094 Developmental Neurobiology (4)
    - BIOL 4115 Medical Neuroanatomy (4)
    - BIOL 4130 Sensation and Perception (3)
    - BIOL 4180 Neurobiology Laboratory (4)
    - BIOL 4240 Endocrinology (4)
    - BIOL 4241 Hormones and Behavior (4)
    - BIOL 4246 Advanced Human Physiology (4)
    - BIOL 4248 Cell Physiology (4)
    - BIOL 4630 Enzymology (3)
    - BIOL 4800 Principles of Cell Biology (4)
    - BIOL 4905 Theme-based Biology Laboratory (2-4), on a subject related to Neurobiology and Behavior
    - 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)

Preprofessional/Physiology Concentration

Recommended: Area F2

- BIOL 2300 Microbiology and Public Health (3)

Required: Area G5

- All of the following courses are required (8 or 7 if Biol 3250 is used in G3)
    - BIOL 3240 Human Physiology (3)
    - BIOL 3250 Human Physiology Laboratory (1)
    - BIOL 4240 Endocrinology (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 4246 Advanced Human Physiology (4)
    - BIOL 4248 Cell Physiology (4)
    - BIOL 4278 Immunology (4)
    - BIOL 4428 Medical Microbiology (4)
    - BIOL 4500 Human Genetics (4)
    - BIOL 4575 Virology (4)
    - BIOL 4580 Microbial Pathogenesis (4)
    - BIOL 4685 Functional Histology-CTW (4)
    - BIOL 4686 Pathophysiology (4)
    - BIOL 4687 Surgical Anatomy (4)
    - BIOL 4744 Biostatistics (3)
    - BIOL 4800 Principles of Cell Biology (4)
    - BIOL 4910 Undergraduate Research in Biology (1-5)
    - BIOL 4980 Senior Seminar (3)
    - BIOL 4930 Topics in Biology (3-4)

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/CHEM 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 Opportunities

The department encourages qualified students to participate in the Honors College (visit honors.gsu.edu). The department sponsors a Biology Club, a Pre-Vet club, a Pre-Dental club and a local chapter of American Medical Student Association (AMSA) in addition to the Eta Psi chapter of Beta Beta Beta, the national honorary biological society. Interested students are encouraged to participate in these organizations.

Internships

Internships with collaborating institutions and programs (including ZooAtlanta, the Georgia Aquarium and the Bio-Bus program) are available on a limited basis. Students interested in receiving course credit for an internship should consult with the Undergraduate Director or Undergraduate Coordinator for more information.

Undergraduate Research Programs

Students are particularly encouraged to participate in the Undergraduate Research Program after completion of core requirements. Participation in an ongoing research activity provides the student with experience in experimental design and interpretation that is typically not available in routine laboratory courses. Students may enroll in BIOL 4905 and/or BIOL 4910 for undergraduate research experience. Each course may be repeated once. Interested students should consult the departmental website for information on faculty research interests and contact one or more faculty members for development of a specific project.

Dual B.S./M.S. Program in Biology

The department offers a dual Bachelor of Science and Master of Science in Biology. The dual degree opportunity enables qualified students to enroll in graduate courses late in their undergraduate program and apply the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by the department and College of Arts and Sciences to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

Graduation with Distinction in the Major

This department offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. At least four hours of BIOL 4910 and a grade-point average of 3.5 or higher in Areas G and H are required for graduation with distinction.

3180 Chemistry

Programs Offered:

- **Bachelor of Science in Chemistry**
  - **Concentration in Biochemistry**
  - **Concentration in Pre-Medicine**
- **Certification by the American Chemical Society**
- **Minor in Chemistry**
- **Dual B.S./M.S. in Chemistry**

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George Peng Wang, Chair
Jeremiah Harden, Co-director of Undergraduate Studies
Joan Mutanyatta-Comar, Co-director of Undergraduate Studies

Chemistry deals with the nature of 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, pre-veterinary, pre-pharmacy, and other allied health professions.

Each student is urged to consult with an academic advisor 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 without concentrations.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

Program Financial Information

Lab fees are assessed automatically for students who register for certain Chemistry courses. For more information, please feel free to contact the department or review the GoSolar or catalog course listings to determine if a course includes a lab fee.

Chemistry Courses for Science Majors

Detailed descriptions of the objectives and prerequisites of each course are available online. The student is

urged to consult these descriptions if there is any doubt about requirements or qualifications. Laboratory courses and lecture 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 reinforce the learning process. The labs and lectures 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 component without the other.

Chemistry Courses for Non-Science Majors

CHEM 1050, CHEM 1151K, and CHEM 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 advisor 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

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). Alternatives are available to some core and major requirements. Please see one of the undergraduate directors for specific guidelines. Chemistry majors need to take CHEM 1211K during their first term at GSU to be on schedule to graduate in 4 years.

Area A:

- Required course: MATH 1113 Precalculus (3) or a higher-level mathematics course. MATH 1113 is recommended.

Area D:

- Recommended courses: CHEM 1211K Principles of Chemistry I (4) and CHEM 1212K Principles of Chemistry II (4)
- Required course (choose one of the following or a higher level mathematics course): MATH 2201 Calculus for the Life Sciences I (4) or MATH 2211 Calculus of One Variable I (4)

Area F: Courses Appropriate to the Major (18)

1. Required Courses (unless used to satisfy Area D requirements) (18):
    - CHEM 1211K Principles of Chemistry I (4) and CHEM 1212K Principles of Chemistry II (4)
    - PHYS 2211K Principles of Physics I (4) and PHYS 2212K Principles of Physics II (4)
    - CHEM 2400 Organic Chemistry I (3)
    - CHEM 2410 Organic Chemistry II (3)
    - MATH 2212 Calculus of One Variable II (4) or MATH 2202 Calculus for the Life Sciences II (4)

2. Select additional elective courses from the following to complete 18 hours in Area F if needed. Contact the Undergraduate Director for the BS in Chemistry for advice.
    - MATH 2212 Calculus of One Variable II (4)
    - MATH 2215 Multivariate Calculus (4)
    - MATH 1070 Elementary Statistics (3)
    - BIOL 2107K Principles of Biology I (4)
    - BIOL 2108K Principles of Biology II (4)
    - BIOL 2300 Microbiology and Public Health (3)
    - CHEM 2950 Chemistry Research (2-5)
    - [RSCH 1203] Research Strategies and Technology (1)

- Transfer students, students changing their major, and students pursuing an biochemistry concentration may substitute PHYS 1111K/PHYS 1112K for PHYS 2211K /PHYS 2212K if approved by the Department of Chemistry.
- All courses above ending in K are commonly offered as separate lecture and lab (L) courses by GSU's Perimeter College. The combined (K) courses and separate lecture and lab (L) courses cover the same subject matter and are considered equivalent courses.
- Credit hours exceeding 18 earned to complete the Areas A-F requirements will count toward elective hours.

Area G: Major Courses (30)

A grade of C or higher is required for all major and minor courses.

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 (19)
    - CHEM 2100 Intermediate Organic Chemistry Laboratory I (2)
    - CHEM 3110 Intermediate Organic Chemistry Laboratory II (2)
    - CHEM 3400 Structure and Reactivity of Biomolecules (3)
    - 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):
    - Select additional 3000- and/or 4000-level chemistry courses.
        - Recommended course: CHEM 4600 Biochemistry I (5) (required for ACS certification)

B.S. in Chemistry (Biochemistry concentration)

Area G: Major Courses (30)

1. Required Courses to fulfill CTW requirement (6)
    - CHEM 4000 Fundamentals of Chemical Analysis (3)
    - CHEM 4160 Chemistry Laboratory IVA (3)

2. Major Requirements (18)
    - CHEM 2100 Organic Chemistry Laboratory I (2)
    - CHEM 3110 Organic Chemistry Laboratory II (2)
    - CHEM 3400 Structure and Reactivity of Biomolecules (3)
    - CHEM 4010 Instrumental Methods I: Chromatography (3)
    - Select one course:
        - CHEM 4150 Intro to Biophysical Chemistry (3)
        - CHEM 4110 Physical Chemistry I (3)
    - CHEM 4600 Biochemistry I (5)
3. Major Electives (6):
    - Select additional 3000- and/or 4000-level chemistry courses.
        - Suggested: CHEM 4610 Biochemistry II (3)

Area H: Biochemistry Concentration (17)

- BIOL 2107K Principles of Biology I (4)
- BIOL 2108K Principles of Biology II (4)
- BIOL 3800 Molecular Cell Biology (3)
- BIOL 3810 Molecular Cell Biology Lab-CTW (3)
- Select one course:
    - BIOL 3880 Microbiology (3)
    - BIOL 3900 Genetics (3)

Students majoring in chemistry must take additional courses as electives to complete a minimum of 120 hours, exclusive of 1000/2000 physical education or military science courses. The department recommends that majors take computer and/or world language courses.

B.S. in Chemistry (Pre-Medicine Concentration)

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

Area G: Major Courses (30)

1. Required Courses to fulfill CTW requirement (6)
    - CHEM 4000 Fundamentals of Chemical Analysis (3)
    - CHEM 4160 Chemistry Laboratory IVA (3)
2. Major Requirements (19)
    - CHEM 2100 Organic Chemistry Laboratory I (2)
    - CHEM 3110 Organic Chemistry Laboratory II (2)
    - CHEM 3400 Structure and Reactivity of Biomolecules (3)
    - CHEM 4010 Instrumental Methods I: Chromatography (3)
    - Select one course:
        - CHEM 4150 Intro to Biophysical Chemistry (3)
        - CHEM 4110 Physical Chemistry I (3)
    - CHEM 4600 Biochemistry I (5)
3. Major Electives (6):

    - Select additional 3000- and/or 4000-level chemistry courses.
        - Suggested: CHEM 4610 Biochemistry II (3)

Area H: Pre-Medical Concentration (18)

- BIOL 2107K Principles of Biology I (4)
- BIOL 2108K Principles of Biology II (4)
- BIOL 3800 Molecular Cell Biology (3)
- BIOL 3810 Molecular Cell Biology Lab (3)
- Select one course pair:
    - BIOL 3880 Microbiology (3) and BIOL 3890 Microbiology Laboratory (1)
    - BIOL 3900 Genetics (3) and BIOL 3910 Genetics Laboratory (1)

Students majoring in chemistry must take additional courses as electives to complete a minimum of 120 hours, exclusive of 1000/2000 KH or military science courses.

American Chemical Society Certification

For American Chemical Society certification, students must take CHEM 4600 in Area G, and an additional ten hours of coursework as follows:

1. Required Courses (10)
    - CHEM 4210 Inorganic Chemistry (3)
    - CHEM 4330 Advanced Synthesis (3)
2. Elective Courses (4)
    - CHEM 4170 Chemistry Laboratory IVB (4) strongly recommended
    - CHEM 4170 can be substituted by other approved courses (must be different than major elective courses)

Minor in Chemistry

Students who wish to minor in chemistry must take at least 15 hours in courses in chemistry, including at least nine hours at the 3000 level or above. Students taking more than 15 hours in courses in chemistry may count the additional hours toward their electives or may consider completing a double major. A grade of C or higher is required in all courses counting toward the minor.

Dual B.S./M.S. Program in Chemistry

The department offers a dual Bachelor of Science and Master of Science in Chemistry. The dual degree opportunity enables qualified students to enroll in graduate courses late in their undergraduate program and count the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by the department and College of Arts and Sciences to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

Graduation with Distinction in the Major

This department offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the department undergraduate director for the specific criteria for this honor.

3183 Chinese

Programs Offered:

- **Bachelor of Arts in International Economics and Modern Languages**
    - **Concentration in Chinese Language and Society**
- **Bachelor of Interdisciplinary Studies with a Concentration in Asian Studies (see section 3150)**
- **Certificate of Language Ability in Chinese**
- **Minor in Chinese Language and Culture**
- **Interdisciplinary Minor in Chinese Studies**

Department of World Languages and Cultures
19th Floor, 25 Park Place Bldg.
404-413-5980
wlc.gsu.edu

Bill Nichols, Chair
Germán Torres, Associate Chair
Faye Stewart, Undergraduate Director
Shuai Li, Chinese Program Coordinator

The Department of World Languages and Cultures serves a threefold purpose: to encourage an appreciation of humanistic values through the study of foreign languages, literatures, and cultures; to teach foreign languages as a means of communication; and to prepare students for academic careers and the opportunities available in the field of international business. As part of a dynamic urban university in a city of growing international awareness and status, the department is fulfilling its responsibility to meet the increasing foreign language needs of the governmental, business, and professional communities. The department recognizes that an active command of the foreign language and a thorough exploration of the foreign culture form an essential basis for further study in the various areas of its curriculum.

The department maintains a state-of-the-art multimedia Language Acquisition and Resource Center (LARC) with a digital audio laboratory with 50 student computer workstations. The digital lab serves a dual purpose in allowing both independent student access to digitized audio files and interactive software that accompanies the language texts, and also in providing a multimedia environment for teacher-led listening, speaking, and recording activities. In addition to the audio lab, the LARC features a tutoring center and resource library, as well as 17 stand-alone computers for student use. To assist in the development of the student's active language skills and to provide added cultural enrichment, the LARC contains a wide range of audiovisual materials.

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).

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

Students majoring in the B.A. in International Economics should contact the Andrew Young School of Policy studies for advisement. Information for this program is available at aysps.gsu.edu/oaa.

Bachelor of Interdisciplinary Arts students should also consult regularly with the faculty program coordinator for the specific program regarding course selection, program plans, experiential learning, and other academic opportunities.

Program Financial Information

Lab fees are assessed automatically for students who register for certain courses. As a result, students will no longer be required to purchase lab fee cards. For more information, please feel free to contact the department or review the GoSolar or catalog course listings to determine if a course includes a lab fee.

B.A. in International Economics and Modern Languages with a concentration in Chinese Language and Society

Program Admission

There are no admission requirements above the requirements for admission to the University for enrollment in the B.A. program with a major in international economics and modern languages.

Program Financial Information

There are no additional fees other than the tuition and fees charged by the University for enrollment in this program.

Program Degree Requirements

For degree credit, a minimum grade of C must be attained in ENGL 1101 and ENGL 1102 and all courses in the economics common core curriculum and modern languages core curriculum.

Complete descriptions of requirements for Areas A through E of the Undergraduate Core Curriculum can be found in the "University Degree Requirements and Graduation" chapter of this catalog. The number of semester credit hours required for each section is shown in parentheses.

In addition to courses in Chinese, you are advised to choose courses in other areas that complement your language study. Such courses include other languages, history, philosophy, art and music, business, and education. Faculty advisors in the department are eager to discuss your academic plans with you as you design your course of study. In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Area F: Courses Appropriate to the Major (18)

1. ECON 2105 Principles of Macroeconomics (3)
2. ECON 2106 Principles of Microeconomics (3)
3. MATH 1070 Elementary Statistics (3) – If taken in Area D, a 1000/2000 level elective from Areas A-E may be substituted.
4. Choose one of the following language options:
    - CHIN 2001 Intermediate Chinese I (3)
    - CHIN 2002 intermediate Chinese II (3)

    Note: Students who have not already attained elementary-level proficiency in their chosen language will be required to take prerequisite courses: CHIN 1001 and/or CHIN 1002. In that case, the 1002 language course may be used to satisfy 3 credit hours of core requirements in Area C, Humanities, Fine Arts, and World Languages.

    Students who have already attained intermediate-level competency in the primary language may substitute 1000/2000 level courses in another language for CHIN 2001/CHIN 2002) upon approval of the Department of World Languages and Cultures advisor.
5. Elective: One 1000/2000 level course chosen from Areas A-E.

Area G: Economics Common Core Curriculum (24)

A minimum grade of C is required for all courses in this area.

1. ECON 3900 Macroeconomics-CTW (3)
2. ECON 3910 Microeconomics (3)
3. ECON 4600 Economic Development (3)
4. ECON 4800 International Trade (3)
5. ECON 4810 International Finance (3)
6. ECON 4999 Senior Capstone in Economic Policy-CTW (3)*
7. Choose two 4000-level Econ courses (6)

    *ECON 4999 is only offered during the Fall and Spring semesters of the academic year. The prerequisites for ECON 4999 are ECON 3900, ECON 3910, and two 4000-level economics courses with a grade of C or better. Students are to plan accordingly with regard to the course pre-requisites and graduation.

Area H: Modern Languages Common Core (24)

A minimum grade of C is required for all courses in this area.
Chinese Language and Society:

1. CHIN 3001 Advanced Chinese I (3)
2. CHIN 3002 Advanced Chinese II (3)
3. CHIN 3080 Topics in Chinese Studies (CTW) (3)
4. CHIN 3081 Cultural Dimensions of Language Learning (CTW) (3)
5. IB 4030 China's Economy and International Business Environment (3)
6. CHIN 4011 Chinese for International Business I (3)
7. CHIN 4012 Chinese for International Business II (3)
8. Choose 1 from the following list of courses (3)
    - CHIN 3395 Study Abroad (3)

- CHIN 3396 Study Abroad (3)
- CHIN 4995 Directed reading (3)
- AH 4800 Special Studies Lecture (if Chinese Art) (3)
- HIST 3700 China and Japan to 1600 (3)
- HIST 3710 China and Japan since 1600 (3)
- HIST 4890 Topics in World history (if China) (3)
- POLS 4465 China and the International System (3)
- POLS 4257 Chinese Politics (3)
- [PT 4130] Taichi-A Therapeutic Exercise (3)
- RELS 4620 Confucianism and Taoism (3)
- RELS 4615 Buddhism (3)
- RELS 4628 Topics in Asian Religion (if China-related) (3)

Area I: Electives (12)

Choose any four 3000/4000 level courses, in consultation with the academic advisor.

Bachelor of Interdisciplinary Studies with a Concentration in Asian Studies

The interdisciplinary 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. See section 3140 for additional information.

Certificate of Language Ability in Chinese

A strong demand exists by employers for candidates to offer credentials to verify language proficiency in both oral and written communication. The undergraduate Certificate of Language Ability is designed for students to offer tangible proof of their language abilities and makes an ideal complement to other areas of study such as business, international relations, public health, criminal justice, hospitality, and more.

The certificate consists of 12 credit hours at 2000- and 3000-level (minimum of 6 must be at the 3000-level), with a B or higher in the first attempt at each course. Courses retaken using the university Repeat to Replace policy are not counted as first attempts.

- At the 2000-level, students may enroll in CHIN 2001 and CHIN 2002.
- At the 3000-level, students may enroll in CHIN 3001 and CHIN 3002.

Minor in Chinese Language and Culture

Students who wish to minor in Chinese Language and Culture should complete 15 credit hours in courses with the CHIN prefix including at least 9 credit hours at the 3000 level or above. A grade “C” or higher is required in all courses counting toward the minor. Current courses available for the minor include:

- CHIN 2001 Intermediate Chinese I (3)
- CHIN 2002 Intermediate Chinese II (3)

- CHIN 3001 Advanced Chinese I (3)
- CHIN 3002 Advanced Chinese I (3)
- CHIN 3080 Topics in Chinese Studies (3)
- CHIN 3081 Cultural dimension of Language Learning (3)
- CHIN 3082 Cross-cultural encounters (3)
- CHIN 3083 Modern China Through Film (3)
- CHIN 3395 Study Abroad (3)
- CHIN 3396 Study Abroad (3)
- CHIN 3397 Study Abroad (3)
- CHIN 4011 Chinese for International Business I (3)
- CHIN 4012 Chinese for International Business II (3)
- CHIN 4021 Modern Chinese Literature (3)
- CHIN 4995 Directed Readings (3)

Interdisciplinary Minor in Chinese Studies

Program Coordinator: Andrew Wedeman (awedeman@gsu.edu)

Program Degree Requirements

The Chinese Studies minor gives undergraduates in a wide variety of majors the opportunity to take an interdisciplinary set of courses that can combine social sciences, humanities, language, and other disciplines relating to China and Chinese culture. The minor thus provides students with the opportunity to highlight their area studies background and prepares them for higher-level studies on China, Chinese culture and language. Chinese studies minors are highly encouraged to participate in a study abroad program either in China.

Students who wish to minor in Chinese Studies should complete 15 credit hours including at least nine credit hours at the 3000 level or above. Students must complete at least 6 hours in a CHIN course and may obtain credit for no more than two courses from a single other course prefix. A grade of C or higher is required in all minor courses.

Current courses available for the minor include:

- CHIN 1002 Elementary Chinese II (3) (if not counted in core Area C)
- CHIN 2001 Intermediate Chinese I (3) (if not counted in core Area C)
- CHIN 2002 Intermediate Chinese II (3) (if not counted in core Area C)
- CHIN 3001 Advanced Chinese I
- CHIN 3002 Advanced Chinese II
- CHIN 3080 Topics in Chinese Studies (CTW)
- CHIN 3081 Cultural Dimensions of Language Learning (CTW)
- CHIN 3395 Study Abroad (3)
- CHIN 3396 Study Abroad (3)
- CHIN 3397 Study Abroad (3)
- CHIN 4995 Directed Readings B.I.S-CTW (3-4)
- HIST 3700 China and Japan to 1600 (4)

- HIST 3710 China and Japan Since 1600 (4)
- HIST 4890 Topics in World History (3-4) (if China-related)
- POLS 4257 Chinese Politics (3)
- POLS 4290 Studies in Comparative Politics (if China-related) (3)
- POLS 4465 China in the International System (3)
- POLS 4490 Studies in International Relations (if China-related) (3)
- POLS 4900 Senior Seminar–CTW (if China-Related) (3)
- POLS 4920 Directed Reading and Research (if China-related) (3)
- [Pt 3660] Complementary and Alternative Therapies (3)
- [Pt 4130] Tai Chi-A Therapeutic Exercise (3)
- RELS 4615 Buddhism (3)
- RELS 4620 Confucianism and Taoism (3)
- RELS 4628 Topics in Asian Religion (if China-related) (3)

3200 Communication Sciences

Program Offered:

- **Interdisciplinary Minor in Communication Sciences**

Program Coordinator: Luciana Lessa Rodrigues (lrodrigues@gsu.edu)

The Interdisciplinary Minor in Communication Sciences is designed to offer undergraduate students an organized set of classes that will enhance their major coursework and prepare them to apply for graduate programs in Communication Sciences and Disorders (CSD).

The goal of the Interdisciplinary Minor in Communication Sciences is to support the completion of courses that are required by Master's programs in Communication Sciences and Disorders nationally. By completing this minor, students will be able to obtain knowledge in a variety of disciplines that are required for acceptance in a graduate program in CSD.

Recommended Courses for Area A-F

Students should enter the Communication Sciences minor having taken course prerequisites needed for entrance into their planned program of study. Below is a list of courses that are prerequisites for courses included as options in the Communication Sciences minor. Students should plan their desired program of study and identify which prerequisites they need to fulfill.

- BIOL 1103K Introductory Biology I (4)
- MATH 1070 Elementary Statistics (3)
- PHYS 2030 Physics of Music and Speech (3)
- PSYC 1101 Intro to General Psychology (3)
- SCOM 1010 Voice and Articulation (3)

Required Courses for the Interdisciplinary Minor (15-18)

Students pursuing the interdisciplinary minor in Communication Sciences must take five courses. No more than two of the courses counting towards the minor can have the same course prefix.

1. Choose two of the following:
    - CSD 4360 Anatomy and Physiology for Communication (3)
    - SCOM 4440 Speech Science (3)
    - PSYC 4400 Psychology of the Atypical Child (3)
2. Choose three of the following:
    - AL 3041 Second Language Acquisition (3)
    - EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)
    - EXC 4370 American Sign Language I (3)
    - CSD 4360 Anatomy and Physiology for Communication (3)
    - CSD 4480 Hearing Sciences and Disorders (3)
    - CSD 4490 Audiologic Rehabilitation (3)

- CSD 4320 Introduction to Language Disorders (3)
- [GERO 4475/]SCOM 4475 Communication and Aging (3)
- GERO 4610/PSYC 4610 Psychology of Aging (3)
- SCOM 3000 Phonetics (3)
- SCOM 4410 Communication Disorders (3)
- SCOM 4980 Internship (3)
- SCOM 4800 Communication and Diversity (3)
- SCOM 4440 Speech Science (3)
- SCOM 4400 Communication and Language Development Across the Lifespan (3)
- PSYC 4040 Developmental Psychology (3)
- PSYC 4400 Psychology of the Atypical Child (3)

3210 Computer Science

Programs Offered:

- **Bachelor of Science in Computer Science**
- **Dual Degree Programs**
  - **Bachelor of Science and Master of Science in Computer Science**
  - **Bachelor of Science in Computer Science with the Master of Science in Health Administration (Health Informatics specialization)**
  - **Bachelor of Science in Computer Science with the Master of Science in Information Systems**
- **Minor in Computer Science**
- **Certificate of Cybersecurity**
- **Certificate of Data Science**

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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.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

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).

Major Eligibility Requirements

Effective fall semester 2017, to be eligible for the Bachelor of Science in Computer Science and to enroll in major-level CSC courses (CSC 2720 Data Structures and all 3000- and 4000-level CSC courses), students must fulfill the following requirements:

- Complete the following courses with a grade of C or higher:
    a. CSC 1301 Principles of Computer Science I;
    b. Either CSC 2510 Theoretical Foundations of Computer Science or MATH 2420 Discrete Mathematics; and
    c. Either MATH 1113, MATH 2211, MATH 2212, or MATH 2215.
- Students must earn an average of 2.5 grade points across the three courses areas (a, b, and c). The GPA will be calculated based on the first attempt at the courses designated above at Georgia State University.
- Where more than one course may be taken toward fulfilling the requirement (items a and b above), the first attempt at the first course taken from the list will be used to calculate the major eligibility grade-point average. For example, in item c, if a student takes MATH 1113 before taking MATH 2211, then the first attempt at MATH 1113 will be used for the major eligibility GPA.
- WFs counts as an attempt. Ws do not count as an attempt. Courses retaken using the university Repeat to Replace policy are not counted as first attempts.
- If a student has AP credit for any course designated above, the course will not be used in this GPA calculation, even if the student chooses to take the course.
- Transfer students who transfer these course(s) into Georgia State, may use the grades in the transferred course(s) to calculate the GPA or they may attempt them once at Georgia State. Course

taken at Georgia State's Perimeter College count as first-attempts.

Once students are eligible to take major-level Computer Science courses (CSC 2720 and 3000- and 4000-level CSC courses), they remain eligible to take them as long as they are eligible to enroll at Georgia State University, and they satisfy other Computer Science program requirements. Students must meet any prerequisites for the specific 3000- or 4000-level course.

This requirement applies to students entering or re-entering the university in fall 2017 or thereafter, or to students who choose to follow the Computer Science program requirements in the undergraduate catalog for 2017-18 or thereafter. Students who have selected the Computer Science B.S. major but have not yet fulfilled the major eligibility requirement will be designated as Pre-Computer Science majors.

Students in majors other than Computer Science including those minoring in Computer Science, may enroll in major-level CSC courses as long as they meet any pre-requisites for the specific course.

B.S. in Computer Science

Core Curriculum Areas A-E Requirements and Recommendations

Area A:

- Required course: MATH 1113, or higher level MATH must be taken in Area A. A section of MATH 1113 Precalculus that is designated specifically for this major is recommended (see GoSolar listing to identify appropriate sections).

Area D:

- Required course: MATH 2211 Calculus I (4) (or a higher level mathematics course) (One credit hour counts in Area F or as an elective.)
- Recommended course: PHYS 2211 Principles of Physics I (4) and PHYS 2212 Principles of Physics II (4)

Area F: Courses Appropriate to the Major (18)

1. Carry over from Areas A and/or D (1-2):
    - Students will carry one additional credit hour over to Area F for each 4-credit-hour mathematics course taken in Area A and/or Area D.
2. MATH 2212 Calculus II (4) (unless taken in either Area A or D) (0-4)
3. Required courses: (11)
    - CSC 1301 Principles of Computer Science I (4)
    - CSC 1302 Principles of Computer Science II (4)
    - CSC 2510 Theoretical Foundations of Computer Science or MATH 2420 (3)
4. Select additional elective courses from the following to complete 18 hours in Area F:
    - ASTR 1010K, ASTR 1020K, BIOL 1103K, BIOL 1104K, BIOL 2107K BIOL 2108K, CHEM 1211K, CHEM 1212K, GEOL 1121K, GEOL 1122K

- All courses above ending in K are commonly offered as separate lecture and lab (L) courses by

GSU's Perimeter College. The combined (K) courses and separate lecture and lab (L) courses cover the same subject matter and are considered equivalent courses.
- Any credit hours exceeding 18 earned to complete the Area F requirements will count toward elective hours.

Area G: Major Requirements (48)

1. Courses to fulfill CTW requirement (4):
    - CSC 4350 Software Engineering (4)
2. MATH 3030 Mathematical Models for Computer Science (3)
3. PHYS 2212K Principles of Physics II (4) (Unless already taken in Area D)
4. Computer Science Requirements (21):
    - CSC 2720 Data Structures (3)
    - 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)
5. For a total of twenty (20) hours, select at least five courses from the CSc elective courses at the 3000- or 4000-level.
   Note: No courses at or above CSC 4870 can count towards the Area G section without departmental approval.

Area H: Minor and Additional Courses (12)

1. Twelve 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 1302 and CSC 2720 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 CSC 4620 in the minor.

Certificate in Cybersecurity

Along with the emerging technologies such as Internet of Things, Cloud Computing, Internet etc. are the emerging cyber threats. There is a growing need for professionals who are skilled at keeping digital information and infrastructure safe. The certificate would develop expertise in network security, information security and cyber-crime in order to prevent and respond to large scale cyber threats and attacks. The certificate in cybersecurity is designed for students to offer tangible proof of their technical and strategic knowledge in cybersecurity.

The certificate consists of 16 credit hours at the 4000-level from a restricted set of courses listed below with an earned grade of B or higher in the first attempt at each course. All corresponding prerequisites will need to be met for the certificate courses. Courses retaken using the university Repeat to Replace policy are not counted as first attempts. Normally, students must be declared as Computer Science majors to pursue the certificate.

1. Required courses (4):
    - CSC 4222 Intro to Cyber Security (4)
2. Select 3 of the following courses (12):
    - CSC 4220 Computer Networks (4)
    - CSC 4221 Wireless Networks and Mobile Computing (4)
    - CSC 4224 Ethical Hacking (4)
    - CSC 4225 Internetwork Programming (4)
    - CSC 4360 Mobile App Development (4)

Certificate in Data Science

With the proliferation of social networks and mobile computing and emerging areas of Internet of Things (IoT), cycber sensing and networking technologies, generating and collecting data has become ubiquitous. The computation and analysis of such large amounts of data have become increasingly important for today's global and competitive economy. Businesses and industries are striving to use data analytics, data mining, machine learning and statistical models to make better data-driven decisions. As a result, a significant growing demand exists for scientists trained in managing large data sets, developing and utilizing computer systems/software to process data, extracting knowledge or insights from data in various forms and modeling predictive analytics.

The certificate consists of 16 credit hours at the 4000 level from the restricted set of courses listed below with an earned grade of B or higher in the first attempt at each course. All corresponding prerequisites will need to be met for the certificate courses. Courses retaken using the university Repeat-to-Replace policy are not counted as first attempts. Normally, students must be declared as Computer Science majors to pursue the certificate.

1. Required courses (4):
    - CSC 4780 Fundamentals of Data Science (4)
2. Select 3 of the following courses (12):
    - CSC 4710 Database Systems (4)
    - CSC 4730 Data Visualization (4)
    - CSC 4740 Data Mining (4)
    - CSC 4760 Big Data Programming (4)
    - CSC 4850 Intro to Machine Learning (4)

Cooperative Education and Internship Programs
The department participates in the University's Cooperative Education program, in which students rotate between being a full-time student and working in paid, full-time professional positions. Details are available on the department's website.
The department also encourages students to seek out relevant internships to enhance their preparation for

careers related to Computer Science. We offer elective credit, to count towards Area H requirements, subject to department approval.

Dual Bachelor's/Master's Degree Programs

The department offers the following dual degree programs, the last two in partnership with the J. Mack Robinson College of Business:

- Bachelor of Science and Master of Science in Computer Science
- Bachelor of Science in Computer Science with the Master of Science in Health Administration (Health Informatics specialization)
- Bachelor of Science in Computer Science with the Master of Science in Information Systems

Students must be formally accepted into the dual degree program by the participating departments and colleges to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the undergraduate director for the specific criteria for this honor.

3220 English

Programs Offered:

- **Bachelor of Arts in English**
  - **Concentration in Creative Writing**
  - **Concentration in Literature**
  - **Concentration in Pre-Education**
  - **Concentration in Rhetoric and Composition**
- **British-American Joint Studies Program Concentration**
- **Minor in English**
- **Minor in Folklore**

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Lynée Lewis Gaillet, Chair
Audrey Goodman, Associate Chair
Stephen B. Dobranski, Director of Undergraduate Studies
Elizabeth Sanders Lopez, Director of Lower Division Studies
Josh Russell, Director of Creative Writing

The Department of English is concerned with the study of language and literature and with the craft of writing considered integral to education since ancient times. Although the department concentrates on texts written in English by authors from Great Britain, Ireland, and the United States, it also examines translations of texts from other languages as well as newly emerging literatures in English from other cultural perspectives. Students may also encounter practices that are not, strictly speaking, "writing" at all, such as oral compositions, hypertexts, and folk art.

In the first year, all students in the university take courses in the fundamentals of college-level writing and in the reasoned analysis of texts. Other English courses that form part of the core curriculum provide students with opportunities to study topics in world literature or surveys of British, American, and World literature.

English majors may concentrate in one of four areas: literature, rhetoric and composition, creative writing, and pre-education. Before choosing their concentrations, all English majors have the opportunity at the sophomore level to gain a broad foundation in British 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 to read poetry, prose, and drama from a variety of historical periods and cultural groups. These literature courses seek to promote students' verbal acuity and abilities at thoughtful evaluation.

Closely related to the study of literature is the department's creative writing program. Faculty in this program guide students as they practice and refine their work in the genres of poetry and fiction.

Students who concentrate in rhetoric and composition learn about the history, theory, and practice of writing to specific audiences for particular purposes. In this concentration, students may focus on either historical rhetoric and the teaching of composition or writing within business and technical environments. Courses in this area allow students to explore the history and theory of writing as applied to the teaching of composition and to writing practices in the workplace.

English majors who wish to teach English in secondary schools integrate studies of literature, language, and composition with a senior seminar that combines these areas with pedagogy.

The Department of English offers courses in the related field of folklore. Georgia State University is the only institution in the state offering a wide selection of folklore courses.

A number of courses in the Department of English have an interdisciplinary approach, and several are crosslisted with other units within the university, such as the Department of African-American Studies and the Institute for Women's, Gender, and Sexuality Studies.

Because of the dynamic and varied nature of our discipline, many of the courses offered (especially on the 4000 level) focus on specific topics not indicated in detail here. Students should inquire in the department office for further information about courses.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

Program Degree Requirements

Students must pass ENGL 1102 with a grade of C or higher to register for ENGL 2110, ENGL 2120, or ENGL 2130. Students must pass ENGL 1102 with a grade of C or be currently in the course to take ENGL 2105 or ENGL 2160. All English majors must pass ENGL 1102 and either ENGL 2120 or ENGL 2130 with a grade of C or higher to enroll in upper-division English courses. Students must pass at least 6 hours in 3000-level English courses with a grade of C or higher in order to enroll in any 4000-level English course. 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. World language or literature (6)
    - World language (including American Sign Language) at the 2001 level (3)
    - Either ENGL 2110 World Literature (3) or world language at the 2002 level (3)
2. Required Courses (6)
    - ENGL 2120 British Literature (3)
    - ENGL 2130 American Literature (3)
3. Select additional elective courses from Area C or from the following to complete 18 hours in Area F:
    - AAS 2010, ENGL 2105, ENGL 2160, HIST 1111, HIST 1112, HIST 1140, WGSS 2010 , World language 1002 (3)

Area G: Major Courses (30)

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

Each of the four concentrations within the major has specific requirements as outlined here. Students should consult the department for specific information about which courses offered in each two-year sequence will fit the requirements for each concentration. All students are encouraged to pursue internships (ENGL 4500).

Creative Writing Concentration

1. Creative Writing Core Requirements (12)
   A student electing to pursue the B.A. in English, Concentration in Creative Writing must choose a sub-concentration in either Poetry or Fiction and complete the 12-hour/4-class sequence of Creative Writing classes in that sub-concentration.

    @. Poetry (12):
        - ENGL 3150A Introduction to Creative Writing: Poetry (3) or ENGL 3150C Introduction to Creative Writing: Poetry & Fiction (3)
        - ENGL 3170 Poetic Techniques (3)
        - ENGL 3180A Contemporary Poetry (3)

        - ENGL 4310A Senior Seminar: Poetry Writing (CTW) (3)
    @. Fiction (12):
        - ENGL 3150B Introduction to Creative Writing: Fiction (3) or ENGL 3150C Introduction to Creative Writing: Poetry and Fiction (3)
        - ENGL 3160 Narrative Techniques (3)
        - ENGL 3180B Contemporary Fiction Craft (3)
        - ENGL 4310B Senior Seminar: Fiction Writing (CTW) (3)
2. Methods: Select one course from Literature Studies Area 1. (3)
    - ENGL 3040 Introduction to Literary Studies (3)
    - ENGL 3105 Practical Grammar (3)
    - ENGL 3210 Advanced Grammar (3)
    - ENGL 3220 History of the English Language (3)
    - ENGL 3225 History and Future of the Book (3)
    - ENGL 3230 History of Literary and Cultural Theory (3)
    - ENGL 3250 Topics in Contemporary Theory (3)
    - ENGL 3260 Theories of Popular Culture (3)
    - ENGL 3995 Feminist Literary Criticism (3)
    - FOLK 3100 Folklore and Literature (3)
    - ENGL 4204 Special Topics in Criticism and Theory (3)
3. Literature before 1800: Select one class from Literature Studies Area 2. (3)
    - ENGL 3280 English Drama before 1800 (3)
    - ENGL 3290 English Fiction before 1800 (3)
    - ENGL 3300 Medieval Literature (3)
    - ENGL 3310 Old English (3)
    - ENGL 3350 Literature and War (3)
    - ENGL 3400 Courtiers, Clergy, and Poets (3)
    - ENGL 3410 Seduction, Revolution, and the Birth of Science (3)
      ENGL 3420 Mythology (3)
    - ENGL 3500 Restoration and Eighteenth-Century English Literature (3)
    - ENGL 3510 Later Eighteenth-Century English Literature (3)
    - ENGL 3520 Life Writing (3)
    - ENGL 3550 Early Indigenous Literature (3)
    - ENGL 3600 Early Romanticism (3)
    - ENGL 3800 Early American Literature (3)
    - ENGL 3915 Literature of the Early South (3)
    - ENGL 3980 Women's Literature before 1800 (3)
    - ENGL 4110 Chaucer (3)
    - ENGL 4130 Shakespeare, Earlier Works (3)
    - ENGL 4140 Shakespeare, Later Works (3)
    - ENGL 4150 Milton (3)
    - ENGL 4100 Study of a Single Author before 1800 (3)
    - ENGL 4201 Special Topics before 1800 (3)
4. Literature after 1800: Select one course from Literature Studies Area 3. (3)
    - ENGL 3605 Late Romanticism (3)
    - ENGL 3610 Love and Death in Victorian Poetry (3)
    - ENGL 3620 The Victorian Novel (3)
    - ENGL 3630 Haunted Texts (3)

- ENGL 3695 LGBTQ Literature (3)
- ENGL 3700 Early Twentieth-Century British Literature (3)
- ENGL 3710 Late Twentieth-Century British Literature (3)
- ENGL 3720 Twentieth-Century English Poetry (3)
- ENGL 3810 American Romantics (3)
- ENGL 3820 Realism and Naturalism (3)
- ENGL 3830 American Modernisms (3)
- ENGL 3840 Postmodern American Literature (3)
- ENGL 3850 American Poetry (3)
- ENGL 3860 American Drama (3)
- ENGL 3865 Short Story (3)
- ENGL 3875 Science Fiction (3)
- ENGL 3885 Contemporary Literature (3)
- ENGL 3895 Graphic Novel (3)
- ENGL 3900 Irish Literature (3)
- ENGL 3905 Jewish Literature (3)
- ENGL 3910 Children's and Young-Adult Literature (3)
- ENGL 3920 Southern Literature (3)
- ENGL 3930 Modern Drama (3)
- ENGL 3940 Postcolonial Literature (3)
- ENGL 3945 Literature and Global Conflict (3)
- ENGL 3950 African American Literature (3)
- ENGL 3960 African American Literature by Women (3)
- ENGL 3965 African Literature (3)
- ENGL 3970 Caribbean Literature (3)
- ENGL 3975 Later Indigenous Literature (3)
- ENGL 3990 Women's Literature after 1800 (3)
- ENGL 4010 Topics in African American Culture (3)
- ENGL 4020 Advanced Indigenous Literature (3)
- ENGL 4030 Literature and the City (3)
- ENGL 4040 Religion and Literature (3)
- ENGL 4050 Transnational Literature (3)
- ENGL 4101 Study of a Single Author after 1800] (3)
- ENGL 4202 Special Topics after 1800] (3)

5. 4000-level Literature Elective: Select one 4000-level course from Literature Studies Area 2 or Area 3. (3)
    - ENGL 4110 Chaucer (3)
    - ENGL 4130 Shakespeare, Earlier Works (3)
    - ENGL 4140 Shakespeare, Later Works (3)
    - ENGL 4150 Milton (3)
    - ENGL 4100 Study of a Single Author before 1800 (3)
    - ENGL 4201 Special Topics before 1800 (3)
    - ENGL 4010 Topics in African American Culture (3)
    - ENGL 4020 Advanced Indigenous Literature (3)
    - ENGL 4030 Literature and the City (3)
    - ENGL 4040 Religion and Literature (3)
    - ENGL 4050 Transnational Literature (3)

    - ENGL 4101 Study of a Single Author after 1800 (3)
    - ENGL 4202 Special Topics after 1800 (3)
6. Creative Writing, Literature, Rhetoric and Composition, Folklore, Pre-Education in English Electives. Select two 3000-level or 4000-level English or Folklore courses. (6)

When choosing classes from this section, consider how you can use this coursework to increase your professional and/or personal post-graduate options. If your primary interest is writing poetry or fiction, take an additional Creative Writing class or classes (fiction if your sub-concentration is poetry, poetry if your sub-concentration is fiction; Special Topics in Creative Writing (ENGL 4205); etc.). If you would like the option of entering the workforce directly after graduation, use these elective hours to prepare for a career as a technical or professional writer by enrolling in ENGL 3110 Technical Writing or ENGL 4510 Grant and Proposal Writing. If you're considering graduate school in Literature, Creative Writing, or a research-and-writing-focused field (Law, Education, etc.), choose an additional Literature or Folklore class. Editing classes, including ENGL 3140 Editing for Publication and ENGL 4501 Literary Editing and Publishing, can be useful if you're interested in launching your own magazine or small press, or entering the workforce as an editor. ENGL 4500 Internship offers a variety of experiences useful for both professional and personal growth.

Literature Concentration

1. Methods: Select one course. (3)
    - ENGL 3040 Introduction to Literary Studies (3)
    - ENGL 3105 Practical Grammar (3)
    - ENGL 3210 Advanced Grammar (3)
    - ENGL 3220 History of the English Language (3)
    - ENGL 3225 History and Future of the Book (3)
    - ENGL 3230 History of Literary and Cultural Theory (3)
    - ENGL 3250 Topics in Contemporary Theory (3)
    - ENGL 3260 Theories of Popular Culture (3)
    - ENGL 3995 Feminist Literary Criticism (3)
    - FOLK 3100 Folklore and Literature (3)
    - ENGL 4204 Special Topics in Criticism and Theory (3)
2. Literature before 1800: Select three courses, including at least one at the 4000 level. (9)
    - ENGL 3280 English Drama before 1800 (3)
    - ENGL 3290 English Fiction before 1800 (3)
    - ENGL 3300 Medieval Literature (3)
    - ENGL 3310 Old English (3)
    - ENGL 3350 Literature and War (3)
    - ENGL 3400 Courtiers, Clergy, and Poets (3)
    - ENGL 3410 Seduction, Revolution, and the Birth of Science (3)
    - ENGL 3420 Mythology (3)
    - ENGL 3500 Restoration and Eighteenth-Century English Literature (3)
    - ENGL 3510 Later Eighteenth-Century English Literature (3)
    - ENGL 3520 Life Writing (3)
    - ENGL 3550 Early Indigenous Literature (3)
    - ENGL 3600 Early Romanticism (3)

- ENGL 3800 Early American Literature (3)
- ENGL 3915 Literature of the Early South (3)
- ENGL 3980 Women's Literature before 1800 (3)
- ENGL 4110 Chaucer (3)
- ENGL 4130 Shakespeare, Earlier Works (3)
- ENGL 4140 Shakespeare, Later Works (3)
- ENGL 4150 Milton (3)
- ENGL 4100 Study of a Single Author before 1800 (3)
- ENGL 4201 Special Topics before 1800 (3)

3. Literature after 1800: Select three courses, including at least one at the 4000 level. (9)
    - ENGL 3605 Late Romanticism (3)
    - ENGL 3610 Love and Death in Victorian Poetry (3)
    - ENGL 3620 The Victorian Novel (3)
    - ENGL 3630 Haunted Texts (3)
    - ENGL 3695 LGBTQ Literature (3)
    - ENGL 3700 Early Twentieth-Century British Literature (3)
    - ENGL 3710 Late Twentieth-Century British Literature (3)
    - ENGL 3720 Twentieth-Century English Poetry (3)
    - ENGL 3810 American Romantics (3)
    - ENGL 3820 Realism and Naturalism (3)
    - ENGL 3830 American Modernisms (3)
    - ENGL 3840 Postmodern American Literature (3)
    - ENGL 3850 American Poetry (3)
    - ENGL 3860 American Drama (3)
    - ENGL 3865 Short Story (3)
    - ENGL 3875 Science Fiction (3)
    - ENGL 3885 Contemporary Literature (3)
    - ENGL 3895 Graphic Novel (3)
    - ENGL 3900 Irish Literature (3)
    - ENGL 3905 Jewish Literature (3)
    - ENGL 3910 Children's and Young-Adult Literature (3)
    - ENGL 3920 Southern Literature (3)
    - ENGL 3930 Modern Drama (3)
    - ENGL 3940 Postcolonial Literature (3)
    - ENGL 3945 Literature and Global Conflict (3)
    - ENGL 3950 African American Literature (3)
    - ENGL 3960 African American Literature by Women (3)
    - ENGL 3965 African Literature (3)
    - ENGL 3970 Caribbean Literature (3)
    - ENGL 3975 Later Indigenous Literature (3)
    - ENGL 3990 Women's Literature after 1800 (3)
    - ENGL 4010 Topics in African American Culture (3)
    - ENGL 4020 Advanced Indigenous Literature (3)
    - ENGL 4030 Literature and the City (3)
    - ENGL 4040 Religion and Literature (3)
    - ENGL 4050 Transnational Literature (3)
    - ENGL 4101 Study of a Single Author after 1800 (3)

    - ENGL 4202 Special Topics after 1800 (3)
4. Applications: Select one course. (3) Majors must have completed at least twelve semester hours of upper-division English course work before registering for an Applications course.
    - ENGL 4300 Senior Seminar (CTW) (3)
5. Literature Elective: Select one courses from areas 1, 2, or 3 above (3000- or 4000-level). (3)
6. General Elective: Select one course in English or Folklore (3000- or 4000-level). (3)

Pre-Education in English Concentration

Majors with the Pre-education in English concentration should be sure to take a mix of courses that focus on British and American literature to prepare effectively for a career in English education.

Courses appearing in more than one category can fulfill only one requirement.

1. Methods: Select one course; ENGL 3105, ENGL 3210, and ENGL 3220 recommended. (3)
    - ENGL 3040 Introduction to Literary Studies (3)
    - ENGL 3105 Practical Grammar (3)
    - ENGL 3195 Teaching in English Studies (3)
    - ENGL 3210 Advanced Grammar (3)
    - ENGL 3220 History of the English Language (3)
    - ENGL 3225 History and Future of the Book (3)
    - ENGL 3230 History of Literary and Cultural Theory (3)
    - ENGL 3260 Theories of Popular Culture (3)
    - FOLK 3100 Folklore and Literature (3)
2. Literature before 1800: Select one course. (3)
    - ENGL 3280 English Drama before 1800 (3)
    - ENGL 3290 English Fiction before 1800 (3)
    - ENGL 3300 Medieval Literature (3)
    - ENGL 3310 Old English (3)
    - ENGL 3350 Literature and War (3)
    - ENGL 3400 Courtiers, Clergy, and Poets (3)
    - ENGL 3410 Seduction, Revolution, & the Birth of Science (3)
    - ENGL 3420 Mythology (3)
    - ENGL 3500 Restoration and Eighteenth-Century Lit (3)
    - ENGL 3510 Later Eighteenth-Century English Lit (3)
    - ENGL 3520 Life Writing (3)
    - ENGL 3550 Early Indigenous Literatures (3)
    - ENGL 3600 Early Romanticism (3)
    - ENGL 3800 Early American Literature (3)
    - ENGL 3915 Literature of the Early South (3)
    - ENGL 3980 Women's Literature before 1800 (3)
    - ENGL 4110 Chaucer (3)
    - ENGL 4130 Shakespeare, Earlier Works (3)
    - ENGL 4140 Shakespeare, Later Works (3)
    - ENGL 4150 Milton (3)
    - ENGL 4100 Study of a Single Author before 1800 (3)
    - ENGL 4201 Special Topics before 1800 (3)

3. Literature after 1800: Select one course. (3)
    - ENGL 3605 Late Romanticism (3)
    - ENGL 3610 Love and Death in Victorian Poetry (3)
    - ENGL 3620 Victorian Novels (3)
    - ENGL 3630 Haunted Texts (3)
    - ENGL 3695 LGBTQ Literature (3)
    - ENGL 3700 Early Twentieth-Century British Lit (3)
    - ENGL 3710 Late Twentieth-Century British Lit (3)
    - ENGL 3720 Twentieth-Century English Poetry (3)
    - ENGL 3810 American Romantics (3)
    - ENGL 3820 Realism and Naturalism (3)
    - ENGL 3830 American Modernisms (3)
    - ENGL 3840 Postmodern American Literature (3)
    - ENGL 3850 American Poetry (3)
    - ENGL 3860 American Drama (3)
    - ENGL 3865 Short Story (3)
    - ENGL 3875 Science Fiction (3)
    - ENGL 3885 Contemporary Literature (3)
    - ENGL 3895 Graphic Novel (3)
    - ENGL 3900 Irish Literature (3)
    - ENGL 3905 Jewish Literature (3)
    - ENGL 3910 Children's and Young-Adult Literature (3)
    - ENGL 3920 Southern Literature (3)
    - ENGL 3930 Modern Drama (3)
    - ENGL 3940 Postcolonial Literature (3)
    - ENGL 3945 Literature and Global Conflict (3)
    - ENGL 3950 African American Literature (3)
    - ENGL 3960 African American Literature by Women (3)
    - ENGL 3965 African Literature (3)
    - ENGL 3970 Caribbean Literature (3)
    - ENGL 3975 Later Indigenous Literatures (3)
    - ENGL 3990 Women's Literature after 1800 (3)
    - ENGL 4010 Topics in African American Culture (3)
    - ENGL 4020 Advanced Indigenous Literature (3)
    - ENGL 4030 Literature and the City (3)
    - ENGL 4040 Religion and Literature (3)
    - ENGL 4050 Transnational Literature (3)
    - ENGL 4101 Study of a Single Author after 1800 (3)
    - ENGL 4202 Special Topics after 1800 (3)
4. Multicultural/Genre Literature: Select two courses. (6)
    - ENGL 3040 Introduction to Literary Studies (3)
    - ENGL 3250 Topics in Contemporary Theory (3)
    - ENGL 3420 Mythology (3)
    - ENGL 3520 Life Writing (3)
    - ENGL 3550 Early Indigenous Literatures (3)
    - ENGL 3695 LGBTQ Literature (3)
    - ENGL 3865 Short Story (3)

- ENGL 3875 Science Fiction (3)
- ENGL 3885 Contemporary Literature (3)
- ENGL 3895 Graphic Novel (3)
- ENGL 3900 Irish Literature (3)
- ENGL 3905 Jewish Literature (3)
- ENGL 3910 Children's and Young-Adult Literature (3)
- ENGL 3915 Literature of the Early South (3)
- ENGL 3920 Southern Literature (3)
- ENGL 3930 Modern Drama (3)
- ENGL 3940 Postcolonial Literature (3)
- ENGL 3945 Literature and Global Conflict (3)
- ENGL 3950 African American Literature (3)
- ENGL 3960 African American Literature by Women (3)
- ENGL 3965 African Literature (3)
- ENGL 3970 Caribbean Literature (3)
- ENGL 3975 Later Indigenous Literatures (3)
- ENGL 3980 Women's Literature before 1800 (3)
- ENGL 3990 Women's Literature after 1800 (3)
- ENGL 3995 Feminist Literary Criticism (3)
- ENGL 4010 Topics in African American Culture (3)
- ENGL 4020 Advanced Indigenous Literature (3)
- ENGL 4030 Literature and the City (3)
- ENGL 4040 Religion and Literature (3)
- ENGL 4050 Transnational Literature (3)
- ENGL 4100 Study of a Single Author before 1800 (3)
- ENGL 4101 Study of a Single Author after 1800 (3)
- ENGL 4201 Special Topics before 1800 (3)
- ENGL 4202 Special Topics after 1800 (3)
- ENGL 4204 Special Topics in Criticism & Theory (3)
- ENGL 4206 Special Topics in Pre-Education in English (3)
- FOLK 3000 American Folklore (3)
- FOLK 3100 Folklore and Literature (3)
- FOLK 4000 Georgia Folk Life (3)

5. Single Author: Select one course. (3)
    - ENGL 4100 Study of a Single Author before 1800 (3)
    - ENGL 4110 Chaucer (3)
    - ENGL 4130 Shakespeare, Earlier Works (3)
    - ENGL 4140 Shakespeare, Later Works (3)
    - ENGL 4150 Milton (3)
6. Writing: Select one course; ENGL 3100 recommended. (3)
    - ENGL 3080 Persuasion: History, Theory, Practice (3)
    - ENGL 3090 Exposition: History, Theory, Practice (3)
    - ENGL 3100 Composition Studies: History, Theory, Practice (3)
    - ENGL 3105 Practical Grammar (3)
    - ENGL 3150 A or B Introduction to Creative Writing (3)
    - ENGL 3210 Advanced Grammar (3)
7. Electives: Select two courses in English or Folklore from those listed above (3000- or 4000-level);

ENGL 4500 Internship is strongly recommended. (6)

8. Applications: Select one course. (3) Majors must have completed at least twelve semester hours of upper-division English course work before registering for an Applications course.
    - ENGL 4330 Senior Seminar (3) (CTW)

Further coursework (9 hours) in the major is recommended but not required for this concentration. Specific recommendations are one additional course from section 2 (Literature before 1800) and ENGL 3100, or, if already taken, one additional course from section 6 (Writing).

Additional courses for the Pre-Education in English concentration. These are not required, but are recommended for elective credit:

- EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)
- LT 3210 Teaching and Technology (3)

Majors with the Pre-Education in English concentration are encouraged to apply to the College of Education and Human Development Master of Arts in Teaching (M.A.T.) in English Education (TEEMS) for certification preparation. The Master's degree has a track of four semesters begun in the summer term and a three-semester certification track also begun in the summer and completed in the spring. Hours earned in the certification track can be applied later toward the completion of the Master's degree.

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 (Pre-Education in English Concentration) and Social Studies. The English minor interested in teaching middle school should complete the following plan of study: ENGL 2120, ENGL 2130, and ENGL 3040, ENGL 3105, ENGL 3910, and one of the following: ENGL 3100, ENGL 3180.

Rhetoric and Composition Concentration

1. Entry and Capstone Courses for the Concentration. (6)
    - ENGL 3050 Introduction to Rhetoric and Composition (3)
    - ENGL 4320 Senior Seminar: Rhetoric, Advanced Composition and Technical Writing (CTW) (3)
      Majors must have completed at least twelve hours of upper-division courses in rhetoric and advanced composition and technical and professional writing before taking ENGL 4320. ENGL 3050 is a prerequisite for ENGL 4320.
2. Select two courses from the history, theory, practice cluster. (6)
    - ENGL 3080 Persuasion: History, Theory, Practice (3)
    - ENGL 3090 Exposition: History, Theory, Practice (3)

    - ENGL 3100 Composition Studies: History, Theory, Practice (3)
3. Select two courses from the production cluster. (6)
    - ENGL 3110 Technical Writing (3)
    - ENGL 3115 Multimodal Composition (3)
    - ENGL 3120 Digital Writing and Publishing (3)
    - ENGL 3130 Business Writing (3)
    - ENGL 3135 Visual Rhetoric (3)
    - ENGL 3140 Editing for Publication (3)
4. Select two electives from Rhetoric and Composition courses not already taken. (6)
    - ENGL 3080 Persuasion: History, Theory, Practice (3)
    - ENGL 3090 Exposition: History, Theory, Practice (3)
    - ENGL 3100 Composition Studies: History, Theory, Practice (3)
    - ENGL 3105 Practical Grammar (3)
    - ENGL 3110 Technical Writing (3)
    - ENGL 3115 Multimodal Composition (3)
    - ENGL 3120 Digital Writing and Publishing (3)
    - ENGL 3130 Business Writing (3)
    - ENGL 3135 Visual Rhetoric (3)
    - ENGL 3140 Editing for Publication (3)
    - ENGL 4203 Special Topics in Rhetoric and Composition (3)
    - ENGL 4500 Internship (3)
    - ENGL 4510 Grant and Proposal Writing (3)
    - ENGL 4521 Archival Research Methods (3)
5. Select one elective from any 3000 level English or Folklore courses. (3)
6. Select one elective from any 4000 level English or Folklore course. (3)

British-American Joint Studies Program Concentration

1. Methods: Select one course. (3)
    - ENGL 3040 Introduction to Literary Studies (3)
    - ENGL 3105 Practical Grammar (3)
    - ENGL 3210 Advanced Grammar (3)
    - ENGL 3220 History of the English Language (3)
    - ENGL 3225 History and Future of the Book (3)
    - ENGL 3230 Histories of Literary and Cultural Theory (3)
    - ENGL 3250 Topics in Contemporary Theory (3)
    - ENGL 3260 Theories of Popular Culture (3)
    - ENGL 3995 Feminist Literary Criticism (3)
    - FOLK 3100 Folklore and Literature (3)
    - ENGL 4204 Special Topics in Criticism and Theory (3)
2. Literature before 1800: Select two courses, including at least one at the 4000 level. (6)
    - ENGL 3280 English Drama before 1800 (3)
    - ENGL 3290 English Fiction before 1800 (3)
    - ENGL 3300 Medieval Literature (3)
    - ENGL 3310 Old English (3)
    - ENGL 3350 Literature and War (3)
    - ENGL 3400 Courtiers, Clergy, and Poets (3)

- ENGL 3410 Seduction, Revolution, and the Birth of Science (3)
- ENGL 3420 Mythology (3)
- ENGL 3500 Restoration and Eighteenth-Century Literature (3)
- ENGL 3510 Later Eighteenth-Century English Literature(3)
- ENGL 3520 Life Writing (3)
- ENGL 3550 Early Indigenous Literatures (3)
- ENGL 3600 Early Romanticism (3)
- ENGL 3800 Early American Literature (3)
- ENGL 3915 Literature of the Early South (3)
- ENGL 3980 Women's Literature before 1800 (3)
- ENGL 4110 Chaucer (3)
- ENGL 4130 Shakespeare, Earlier Works (3)
- ENGL 4140 Shakespeare, Later Works (3)
- ENGL 4150 Milton (3)
- ENGL 4100 Study of a Single Author before 1800 (3)
- ENGL 4201 Special Topics before 1800 (3)

3. Literature after 1800: Select one course. (3)
    - ENGL 3605 Late Romanticism (3)
    - ENGL 3610 Love and Death in Victorian Poetry (3)
    - ENGL 3620 Victorian Novels (3)
    - ENGL 3630 Haunted Texts (3)
    - ENGL 3695 LGBTQ Literature (3)
    - ENGL 3700 Early Twentieth-Century British Lit (3)
    - ENGL 3710 Late Twentieth-Century British Lit (3)
    - ENGL 3720 Twentieth-Century English Poetry (3)
    - ENGL 3810 American Romantics (3)
    - ENGL 3820 Realism and Naturalism (3)
    - ENGL 3830 American Modernisms (3)
    - ENGL 3840 Postmodern American Literature (3)
    - ENGL 3850 American Poetry (3)
    - ENGL 3860 American Drama (3)
    - ENGL 3865 Short Story (3)
    - ENGL 3875 Science Fiction (3)
    - ENGL 3885 Contemporary Literature (3)
    - ENGL 3895 Graphic Novel (3)
    - ENGL 3900 Irish Literature (3)
    - ENGL 3905 Jewish Literature (3)
    - ENGL 3910 Children's and Young-Adult Literature (3)
    - ENGL 3920 Southern Literature (3)
    - ENGL 3930 Modern Drama (3)
    - ENGL 3940 Postcolonial Literature (3)
    - ENGL 3945 Literature and Global Conflict (3)
    - ENGL 3950 African American Literature (3)
    - ENGL 3960 African American Literature by Women (3)
    - ENGL 3965 African Literature (3)
    - ENGL 3970 Caribbean Literature (3)
    - ENGL 3975 Later Indigenous Literatures (3)

    - ENGL 3990 Women's Literature after 1800 (3)
    - ENGL 4010 Topics in African American Culture (3)
    - ENGL 4020 Advanced Indigenous Literature (3)
    - ENGL 4030 Literature and the City (3)
    - ENGL 4040 Religion and Literature (3)
    - ENGL 4050 Transnational Literature (3)
    - ENGL 4101 Study of a Single Author after 1800 (3)
    - ENGL 4202 Special Topics after 1800 (3)
4. Applications: Select one. (3) Majors must have completed at least twelve semester hours of upper-division English course work before registering for an Applications course.
    - ENGL 4300 Senior Seminar (CTW) (3)
5. Exchange Program course in British & American Cultures at GSU. (3)
    - Exchange Program course in British & American Cultures at GSU. (3)
    - ENGL 3266 British/American Cultures Seminar (3)
6. Courses in British & American Cultures at Northumbria. (6)
    - Six hours of coursework taken at Northumbria in British history or literature and/or in the American Studies program.
7. General Electives: select two courses in English or Folklore (3000- or 4000-level). (6)

Area H: Minor and Additional Courses

English majors have three options: a minor, a double major, or additional courses in the major. One of these options, combined with electives, will complete their degree requirements. Each student should discuss these options with a department adviser and choose the one that will best serve the student's long-term goals.

- Minor: at least 15 semester hours, 9 hours of which must be taken at the 3000 level or above, either in Folklore or from one department, school, or institute other than the English department. The requirements for a minor must be fulfilled in a department, school, or institute that offers a baccalaureate degree. Students interested in an interdisciplinary minor should consult their advisers. The College of Arts and Sciences requires a grade of C or higher in each course counted toward the minor.
- Double major: course work to satisfy requirements for a second major in addition English; all college and departmental requirements apply to this as to the first major.
- Further course work in the major: three courses (9 hours) beyond the ten courses (30 hours) required for the major. Additional courses from departments, schools, or institutes other than the major must be taken to complete a minimum of 120 hours, exclusive of 1000-2000 level physical education. One of these courses must be Lang 2002 (see "Major Courses" above).

Departmental Student Assessment: Senior Exit Portfolio

To graduate, English majors must submit an exit portfolio designed appropriate to their concentration. All portfolios include a statement of self-assessment and four to six substantial pieces of writing that demonstrate their skills appropriate to their concentration. Specific information about the exit portfolio for each concentration is available from the department. Portfolios are due at the mid-point of the semester of graduation.

Graduation with Distinction in the Major

Departmental distinction is separate from the Honors College. Majors who have a grade-point average of at least 3.5 in upper-division English courses are eligible to undertake a project that could lead to graduation with distinction.

In the academic term in which the student plans to graduate, she works with a faculty member who directs the substantial revision of a previous work related to any of the English Department's concentrations.

Faculty members may invite students to pursue Graduation with Distinction (based on the student's work in the faculty member's course), or students may nominate themselves to earn Graduation with Distinction. The student must submit the project's title, the name of the faculty director, and a brief description of the proposed project to the Chair of the Events and Awards Committee by the end of the second week of classes in the semester that the student plans to graduate.

The student does not get course credit for undertaking this project—and is not guaranteed that she will earn Graduation with Distinction. That decision is made by an oral examination committee comprising the director and two other members chosen by the Chair of the Events and Awards Committee. The oral examination must occur before the end of classes in the semester that the student plans to graduate. The student must maintain the stipulated GPA requirement at the time of graduation.

Minor in English or Folklore

Students who minor in English or Folklore must complete at least 15-18 hours of course work in English or Folklore, including 12 hours at the 3000 level or above (and any prerequisites required). Students taking more than 15 hours in courses in English may count the additional hours toward their electives or may consider completing a double major. See above under Teacher Certification for an English minor in preparation to teach middle school. (A grade of C or higher is required in all courses counting toward the minor.)

3230 English as a Second Language (ESL)

Programs Offered:

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

Department of Applied Linguistics and English as a Second Language
15th Floor, 25 Park Place Building
404-413-5200
alsl.gsu.edu

Diane Belcher, Chair
Sarah Kegley, ESL Director (credit-bearing courses)
Alison Camacho, IEP Director

The ESL credit–bearing courses for bilingual/non-native speakers of English at the undergraduate level include special sections of ENGL 1101 and ENGL 1102 and Human Communication (SCOM 1000 and SCOM 1500). These courses are for both international students and resident bilingual/bicultural students. For more information, see "ESL Program" at alsl.gsu.edu.

The IEP is a non-credit program designed to prepare students with the language and study skills necessary for successful academic work in American colleges and universities. Classes are offered at advanced beginning, low intermediate, intermediate, high intermediate, and advanced levels in the following areas: structure/composition, reading/listening, academic writing, extensive reading, and oral communication.

Students are admitted to the IEP through the Department of Applied Linguistics and ESL and not through regular Georgia State admission procedures. For information and/or application forms, contact: Intensive English Program, Georgia State University, P.O. Box 4099, Atlanta, GA 30302-4099, or at iep.gsu.edu.

Admission to the Intensive English Program does not constitute regular admission to a degree-granting program of Georgia State or of any other branch of the University System of Georgia. Students who wish to take degree work at the university must complete the student application appropriate for the desired program, submit all credentials, and receive an official decision from the Office of Admissions or Office of Graduate Services.

3235 Entertainment Media Management

Program Offered:

- **Interdisciplinary Minor in Entertainment Media Management**

Creative Media Industries Institute

David Cheshier, director and program coordinator, dcheshier@gsu.edu

The interdisciplinary Entertainment Media Management minor prepares students for a variety of management-related careers in the entertainment and music industries. The curriculum is founded on a basic knowledge of business administration, contracts, intellectual property issues, event management, artist management, marketing, promotion and branding basics. The minor would prepare students to work in a range of capacities in artist management, concert promotion, music publishing, recording, publicity and marketing/promotion firms. Graduates will leave with an understanding of the distinctiveness of the entertainment business and will be prepared to enter this rapidly changing and multifaceted world.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

Bachelor of Interdisciplinary Arts students should also consult regularly with the faculty program coordinator for the specific program regarding course selection, program plans, experiential learning, and other academic opportunities.

Interdisciplinary Minor in Entertainment Media Management

Recommended Courses for Area A-F

Students should enter the Entertainment Media Management minor having taken course prerequisites needed for entrance into their planned program of study. Below is a list of courses that are common prerequisites for courses in the Entertainment Media Management.

- ART 1010 Drawing I (3 credit hours)
- ART 1020 Two-Dimensional Design (3)
- CMIS 2000 Introduction to On-Set Film Production (Georgia Film Academy) (6)
- CMIS 2100 Introduction to Games Industries (3)
- FLME 1010 Film Aesthetics and Analysis (3)
- FLME 2700 History of the Motion Picture (3)
- FLME 2900 Language of Film through Production (3)
- MATH 1070 Elementary Statistics (3)
- MUS 1430 Fundamentals of Music (3)
- MUS 1440 Theory I (3)
- MUS 1540 Theory II (3)

- MUS 2440 Theory III (3)
- PHYS 2030 Physics of Music and Speech (3)

Required Courses for the Interdisciplinary Minor (15-18 hours)

Students pursuing the interdisciplinary minor in Entertainment Media Management must take five courses, with at least one from each of three areas: Media Industry/Law/Policy, Marketing and Promotion, and Production Perspectives. No more than two of the five courses counting toward the minor can have the same course prefix. Additionally, no more than two of the five courses counting toward the minor may also count toward the major.

Courses in the Media Industry/Law/Policy area survey the contemporary media landscape in terms of ownership, distribution structures, and intellectual property/regulation issues. Marketing and Promotion Courses equip the student with the basic tools to analyze entertainment markets and publicize media properties. Production Perspectives courses allow the student to briefly engage in media production in order to better understand how to interact with media creative personnel.

Media Industry/Law/Policy

- CMIS 4000 New Ventures in Creative Media (3)
- CMIS 4010 Media Business Development (3)
- CMIS 4030 Managing the Creative Enterprise (3)
- CMIS 4090 Leading a Non-profit Arts Organization (3)
- CMIS 4600 Introduction to the Music Industry (3)
- CMIS 4630/MTM 3050 Legal Aspects of the Music Industry (3)
- CMIS 4660/MTM 3450 Artist Representation (2)
- FLME 4800 Film and Media Industries (3)
- JOUR 3060 Communication Law and Regulation (3)
- MK 3010 Marketing Management (3)
- MTM 3010 Introduction to the Music Industry (3)
- MTM 3300 Copyright and Music Publishing (3)
- MTM 3440 Entrepreneurship in the Music Industry (2)

Marketing and Promotion

- CMIS 4030 Managing Creative Enterprise (3)
- CMIS 4660 Artist Representation in the Music Industry (3)
- CMIS 4680 Social Media & Digital Promotion (3)
- CMIS 4610/MTM 3020 Promotion of Recorded Music (3)
- ENGL 3120 Digital Writing and Publishing (3)
- ENGL 3130 Business Writing (3)
- ENGL 3135 Visual Rhetoric (3)
- FLME 4156 Media Entrepreneurship (4)
- JOUR 3500 Public Relations Techniques (3)
- JOUR 4610 Applied Graphic Communication
- JOUR 4770 Media Management and Marketing (3)
- MK 3010 Marketing Management (3)

- MK 4100 Buyer Behavior (3)
- MTM 3030 Marketing and Branch Distribution in the Music Industry (3)

Production Perspectives

- CMIS 4050 Producing Television (3)
- CMIS 4060 Designing Immersive Media Experiences (4)
- CMIS 4310 Virtual Production Pipeline (3)
- CMIS 4320 Advanced Postproduction for TV (3)
- CMIS 4915 Special Topics in Advanced Technology Media Production (3-4)
- CMIS 4980 Internship (1-6)
- FLME 3100 Television Practicum (1-4)
- FLME 3115 Screenwriting & Visualization for the Short Film (4)
- THEA 4000/FLME 4000 Acting and Directing for the Camera (4)
- FLME 4120 Production I (4)
- FLME 4310 Feature Screenwriting I (3)
- FLME 4320] Feature Screenwriting II (3)
- GRD 3000 Introduction to Graphic Design (3)
- GRD 3200 Intermediate Graphic Design
- GRD 3300 Illustration Design (3)
- GRD 3400 Survey of Graphic Design (3)
- MUS 4730 Computer Applications in Music (2)
- MUS 4981 Computer Music (3)
- PHOT 3000 Introduction to Photography (3)
- PHOT 3010 Film and Darkroom (3)
- PHOT 3020 Photography for Non-Majors (3)
- PHOT 3200 Color and Light (3)
- PHOT 3500 Digital Photography (3)

3240 Environmental Science

Program Offered:

- **Bachelor of Interdisciplinary Studies in Environmental Science**

Faculty Coordinator: Rebekah Chapman, rchapman@gsu.edu

The BIS in Environmental Science program provides a foundation in the physical and life sciences, policy, and global and urban sustainability issues. This concentration emphasizes a broad-based course of study, exposing students to the complex social and scientific processes involved in understanding and addressing environmental issues. Students are encouraged to develop specific areas of focus depending on their future goals (e.g., graduate school, government agencies, and environmental consulting firms).

Program Admission

Students may enroll in a concentration upon admission to Georgia State University. Students who wish to change their major to this degree program should select a concentration in consultation with their academic advisor and the faculty coordinator. A 2.0 Georgia State University GPA is required.

Students who enroll in a concentration will be required to submit a course plan checklist to demonstrate their understanding of the degree requirements. It is highly recommended that students develop a course of study with their specific faculty coordinator before taking coursework in the degree program to avoid taking courses that will not count towards graduation.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

Bachelor of Interdisciplinary Arts students should also consult regularly with the faculty program coordinator for the specific program regarding course selection, program plans, experiential learning, and other academic opportunities.

Program Degree Requirements

Please refer to the Bachelor of Interdisciplinary Studies section 3030.30 of this catalog for academic regulations for this program.

Students must complete coursework in at least three disciplines (defined by course prefixes) in Area G and in at least two disciplines in Area H. Areas G and H should be constructed so that students take courses in distinct disciplines in each area (with some overlap expected); that is, the same prefix should not predominate in both Area G and H.

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.I.S. in Environmental Science

Area A:

1. Recommended Course: MATH 1113 Precalculus (3) or any higher-level mathematics course. MATH 1113 recommended.

Area C:

1. Recommended: World language at the 1002 level or higher (3)

Area D:

1. Recommended courses: BIOL 1103K Introductory Biology I (4) and BIOL 1104K Introductory Biology II (4)
2. Recommended course: Any one math not taken in Area A from the following choices: MATH 1070, MATH 1220, MATH 2201, MATH 2202, MATH 2211, MATH 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)

Please discuss Area F selections with program coordinator or your academic advisor, as many of the options below are prerequisites for upper-level courses.

1. Required courses (if not taken in Areas C or D) (16):
    a. World language at the 1002 level or higher (3)
    b. Select one geosciences lab sequence (8):
        - GEOG 1112K Introduction to Weather and Climate (4) and GEOG 1113K Introduction to Landforms (4)
        - GEOL 1121K Introductory Geology I (4) and GEOL 1122K Introductory Geology II (4)
    c. Select one biology lab sequence (8):
        - BIOL 1103K Introductory Biology I (4) and BIOL 1104K Introductory Biology II (4)
        - BIOL 2107K Principles of Biology I (4) and BIOL 2108K Principles of Biology II (4)
2. Select additional courses from the list below to complete 18 hours in Area F. (Please discuss these choices with your academic advisor to be certain you are taking the prerequisites necessary for Areas G and H.)
    - ANTH 1102, ANTH 2010, ANTH 2020, ANTH 2030, BIOL 2300, BIOL 2800, CHEM 1151K, CHEM 1152K or CHEM 1211K, [CHEM 1122K), CHEM 2400, [ECON 2105,] ECON 2106, GEOL 1121K, GEOL 1122K, GEOL 2001, MATH 1070, MATH 2211, MATH 2212, POLS 2401, PSYC 1101, SOCI 1101

- All courses above ending in K are commonly offered as separate lecture and lab (L) courses by GSU's Perimeter College. The combined (K) courses and separate lecture and lab (L) courses cover

the same subject matter and are considered equivalent courses.
- Any credit hours exceeding 18 earned to complete the Area F requirements will count toward elective hours.

Area G: Area of Concentration — Foundations of Environmental Science and Sustainability (27-34)

Students must complete coursework in at least three disciplines (defined by course prefixes) in Area G. Some of the Area G courses listed below are also in Area H. They may only count in one place.

1. Required of all BIS Environmental Science Majors (9)
    a. Geosciences. Select one course:
        - GEOG 4644 Environmental Conservation (3)
        - GEOG 4648 Biogeography (3)
        - GEOL 4017 Environmental Geology (3)
    b. Public Management and Policy. Select one course:
        - Recommended option:
            - PMAP 3021 Citizenship, The Community, and The Public Sector (3)
        - Additional options:
            - PMAP 3011 Policy and Politics in the American City (3)
            - PMAP 4421 GIS Application to Planning and Policy Analysis (3)
    c. Biology. Select one course:
        - BIOL 3020 Introduction to Marine Biology (3)
        - BIOL 3820 Plant Biology (3) (consult with advisor prior to registration)
        - BIOL 3840 Animal Biology (3) (consult with advisor prior to registration)
2. CTW Course. Students must take one CTW course appropriate to the program (3-4). CTW courses do not count toward the maximum number of courses within a single discipline.
    - Recommended options:
        - BIOL 4045K General Ecology-CTW (4)
        - GEOG 4784 Global Climate Change (3)
    - Additional options:
        - BIOL 3810 Molecular Cell Biology Lab-CTW (3)
        - GEOG 4764 Urban Geography-CTW (3)
        - PMAP 3311 Critical Policy Issues-CTW (3)
        - PMAP 4051 Evaluating Public Policy-CTW (3)
        - SCOM 3250 Persuasion-CTW (3)
3. Research Methods/Spatial Analysis (3-10)
    - Recommended options:
        - BIOL 4045K General Ecology (4)
        - BIOL 4930 Topics in Biology: Experimental Methods in Environmental Science (3-4)
        - GEOG 4532 Geographic Information Systems (4)
        - PMAP 4421 GIS Application Planning and Policy Analysis (3)
    - Additional options:
        - ANTH 4360 Methods and Theories in Biological Anthropology (3)
        - ANTH 4590 Archeological Methods (4)
        - ANTH 4670 Research Methods in Sociocultural Anthropology (3)
        - GEOG 4515 Qualitative Methods in Geography (3)

        - GEOG 4518 Digital Cartography (3)
        - GEOG 4520 Quantitative Spatial Analysis (3)
        - GEOG 4530 Introduction to Remote Sensing (4)
        - PMAP 4041 Policy Data Analysis (3)
        - PMAP 4051 Evaluating Public Policy (3)
        - [PSYCH 3510] Introduction to Research Design and Analysis (4)
        - SOCI 3010 Social Statistics (3)
        - MATH 4547 Intro to Statistical Methods (3)
4. Elective Courses in Environmental Science (3-10)
    - ANTH 4060 Environmental Anthropology (3)
    - ANTH 4550 Field School in Anthropology (4-8)
    - BIOL 3020 Introduction to Marine Biology (3)
    - BIOL 3440 Fundamentals of Evolution (3)
    - BIOL 3800 Molecular and Cell Biology (3)
    - BIOL 4011/GEOL 4011 Principles of Paleontology (4)
    - BIOL 4050/GEOG 4050 Natural Environments of Georgia (4)
    - BIOL 4451 Aquatic Pollution and Toxicology (3)
    - BIOL 4910 Undergraduate Research in Biology (Ecology/Sustainability) (1-5)
    - BIOL 4915 Collaborative Internships in Biology (Ecology/Sustainability) (2)
    - BIOL 4916 Ecology Internship (2)
    - BIOL 4930 Topics in Biology (Ecology or Sustainability focus) (3)
    - ECON 4220 Environmental Economics and Policy (3)
    - EDCI 4100 Service Learning in Action (3)
    - GEOG 4534 Advanced Geographic Information Systems (4)
    - GEOG 4020 Urban Environments (3)
    - GEOG 4538 Urban Health Geographic Information Systems (4)
    - GEOG 4640 Geomorphology (3)
    - GEOG 4646 Water Resources (3)
    - GEOG 4550/GEOL 4550 Field School in Geosciences (4)
    - GEOG 4650/GEOL 4650 Surface Water Hydrology (4)
    - GEOG 4642 Advanced Weather and Climate (3)
    - GEOG 4768/HIST 4320/SOCI 4279 Metropolitan Atlanta (3)
    - GEOG 4774 Contemporary Urban Issues (3)
    - GEOG 4832 Geography Internships (3)
    - GEOL 4003 Aqueous Geochemistry (3)
    - GEOL 4005 Geology of Georgia (3)
    - GEOL 4017 Environmental Geology (3)
    - JOUR 3040/SCOM 3040 Communicating Environmental Issues (3)
    - PMAP 3111 Urban Political Economy (3)
    - PMAP 3210 Introduction to Nonprofits (3)
    - PMAP 3411 Contemporary Planning (3)
    - PMAP 4331 Urban Development and Sustainable Cities (3)
    - SOCI 3350 Social Change and the Future (3)
5. Elective Courses at Large (0-8)
    - Additional courses may be taken from areas 1-4 to bring total hours to 27-34.

Area H: Allied Field – Environmental Science in Context (15-21)

Choose one area of concentration from the options below and select the courses that fit your career goals. If courses have been taken to fulfill Area G, they cannot also count in Area H. Students may combine courses to create their own area of focus with the approval of the faculty program coordinator and the college BIS director. Students must complete coursework in at least two disciplines (defined by course prefixes) in Area H.

Courses with multiple prerequisites are indicated with an asterisk (*). Please consult with the faculty program coordinator regarding prerequisite waivers, which may not be possible for many courses.

1. Sustainability Focus:
    - BIOL 4910 Undergraduate Research in Biology (Ecology/Sustainability) (1-5)
    - BIOL 4915 Collaborative Internships in Biology (Ecology/Sustainability) (2)
    - BIOL 4916 Internships in Biology (focus: Ecology/Sustainability Internships) (2)
    - BIOL 4930 Topics in Biology (Ecology or Sustainability focus) (3)
    - EDCI 4100 Service Learning in Action (3)
    - ENGL 3110 Technical Writing (3)
    - GEOG 4644 Environmental Conservation (3)
    - GEOG 4534 Advanced Geographic Information Systems (4)
    - PMAP 3210 Introduction to Nonprofits (3)
    - PMAP 3211 Career Development in Public and Nonprofit (3)
    - PMAP 3213 Nonprofit Financial Resources (3)
    - PMAP 3231 Nonprofit Leadership and Management (3)
    - SCOM 3040 Communicating Environmental Issues (3)
    - SOCI 3350 Social Change and the Future (3)
2. Natural and Cultural Resources Management:
    - ANTH 4060 Environmental Anthropology (3)
    - ANTH 4170 Mesoamerican Archeology (4)
    - ANTH 4180 Archeology of the Southeastern US (4)
    - ANTH 4550 Field School in Anthropology (4-8)
    - BIOL 3020 Introduction to Marine Biology (3)
    - BIOL 3820 Plant Biology (3) (consult with advisor prior to registration)
    - BIOL 3840 Animal Biology (3) (consult with advisor prior to registration)
    - BIOL 4045K General Ecology-CTW (4) (consult with advisor prior to registration)
    - BIOL 4451 Aquatic Pollution and Toxicology (4)
    - BIOL 4910 Undergraduate Research in Biology (Ecology/Sustainability) (1-5)
    - BIOL 4915 Collaborative Internships in Biology (focus: Ecology/Sustainability Externship) (2)
    - BIOL 4916 Internships in Biology (focus: Ecology/Sustainability) (2)
    - BIOL 4930 Topics in Biology (topic: Ecology/Sustainability) (3-4)
    - BIOL 4050/GEOG 4050 Natural Environments of Georgia (4)
    - ENGL 3110 Technical Writing (3)
    - GEOG 4518 Digital Cartography (3)
    - GEOG 4534 Advanced Geographic Information Systems (4)
    - GEOG 4550 Field School in the Geosciences (3-6)
    - GEOG 4640 Geomorphology (3)
    - GEOG 4644 Environmental Conservation (3)
    - GEOG 4646 Water Resource Management (3)

- GEOG 4648 Biogeography (3)
- GEOG 4650 Applied Hydrology (3)
- GEOL 4003 Aqueous Geochemistry (3)
- GEOL 4005 Geology of Georgia (3)
- GEOL 4007 Hydrogeology (3)
- HIST 4325 Introduction to Public History and Historic Preservation (3)
- PMAP 4421 GIS Application of Planning and Policy Analysis (3)
- POLS 4422 NGOs and World Politics (3)

3. Urban Ecology/Sustainable Development:
    - ANTH 4200 Urban Anthropology (3)
    - ANTH 4240 Food: History, Ecology & Political Economy (3)
    - BIOL 4910 Undergraduate Research in Biology (Ecology/Sustainability) (1-5)
    - BIOL 4915 Collaborative Internships in Biology (focus: Ecology/Sustainability Externship) (2)
    - BIOL 4916 Internships in Biology (focus: Ecology/Sustainability Internships) (2)
    - BIOL 4930 Topics in Biology (Ecology or Sustainability focus) (3-4)
    - ECON 4220 Environmental Economics and Policy (3)
      o ECON 4300 Economics of Cities (3)
    - ECON 4300 Economics of Cities (3)
    - EDCI 4100 Service Learning in Action (3)
    - ENGL 3110 Technical Writing (3)
    - GEOG 4020 Urban Environments (3)
    - GEOG 4538 Urban Health Geographic Systems (4)
    - GEOG 4642 Advanced Weather and Climate (3)
    - GEOG 4764 Urban Geography-CTW (3)
    - GEOG 4768/HIST 4320/SOCI 4279 Metropolitan Atlanta (3)
    - GEOG 4774 Contemporary Urban Issues (3)
    - GEOG 4784 Global Climate Change (3)
    - PMAP 3111 Urban Political Economy (3)
    - PMAP 3411 Contemporary Planning (3)
    - PMAP 4331 Urban Development and Sustainable Cities (3)
    - PMAP 4421 GIS Application Planning and Policy Analysis (3)
    - SOCI 4226 Urban Sociology (3)
    - ANTH 4240 Food: History, Ecology & Political Economy (3)
    - GEOG 4764 Urban Geography-CTW (3)
    - GEOG 4774 Contemporary Urban Theory and Issues (3)
4. Global Environmental Issues:
    - AAS 4890/ENGL 3970 Caribbean Literature (3)
    - ANTH 4490 Anthropology of Globalization (3)
    - ANTH 4980 Anthropology of Europe-CTW (3)
    - ANTH 4980/GLOS 4650/POLS 4290 Topics in Global Studies: Refugees and Forced Migration (3)
    - BIOL 4910 Undergraduate Research in Biology (Ecology/Sustainability) (1-5)
    - BIOL 4915 Collaborative Internships in Biology (Ecology/Sustainability) (2)
    - BIOL 4916 Ecology Internship (2)
    - BIOL 4930 Topics in Biology (topic: Tropical Island Ecology, Virgin Islands or Cichlid Behavioral Ecology) (3-4)

- BIOL 4999 Directed Readings in Biology (1)
- EDCI 4100 Service Learning in Action, Dominican Republic (3)
- GEOG 4402/GLOS 4650 Geography of Africa (3)
- GEOG 4648 Biogeography (3)
- GEOG 4762 Economic Geography (3)
- GEOG 4778 Political Geography (3)
- GEOG 4784 Global Climate Change (3)
- PMAP 4451 Economic Development Policy (3)
- POLS 3400 International Politics (3)
- POLS 4422 NGOs and World Politics (3)

5. Environmental Health and Toxicology:
    - ANTH 4390 Diet, Demography and Disease (4)
    - BIOL 3021 Infectious Disease and Society (3)
    - BIOL 3800 Molecular Cell Biology (3)
    - BIOL 3810 Molecular Cell Biology Lab-CTW (3)
    - BIOL 4451 Aquatic Pollution and Toxicology (4)
    - BIOL 4458 Microbial Ecology and Metabolism (4)*
    - BIOL 4480 Principles of Toxicology (4)
    - BIOL 4694 Biosafety: Principles and Practice (4)
    - BIOL 4910 Undergraduate Research in Biology (Ecology/Sustainability) (1-5)
    - BIOL 4915 Collaborative Internships in Biology (Ecology/Sustainability) (2)
    - BIOL 4916 Ecology Internship (2)
    - CHEM 3410 Organic Chemistry II (4)
    - CHEM 4600 Biochemistry I (5)*
    - ENGL 3110 Technical Writing (3)
    - GEOG 4538 Urban Health Geographic Information Systems (4)
    - GEOG 4646 Water Resources (3)
    - GEOL 4003 Aqueous Geochemistry (3)
    - GEOL 4017 Environmental Geology (3)
6. Conservation Biology:
    - ANTH 4330 Primate Behavioral Anthropology (3)
    - BIOL 3020 Marine Biology (3)
    - BIOL 3820 Plant Biology (3) (consult with advisor prior to registration)
    - BIOL 3840 Animal Biology (3) (consult with advisor prior to registration)
    - BIOL 3440 Fundamentals of Evolution (3)
    - BIOL 3850 Animal Biology Lab (1)*
    - BIOL 4010/NEUR 4360/MATH 4010 Mathematical Biology (3)*
    - BIOL 4045K General Ecology-CTW (4) (consult with advisor prior to registration)
    - BIOL 4050/GEOG 4050 Natural Environments of Georgia (4)
    - BIOL 4104 Zoo Biology (4)
    - BIOL 4913 and BIOL 4914 Georgia Aquarium Internship I and II (2)
    - BIOL 4910 Undergraduate Research in Biology (Ecology/Sustainability) (1-5)
    - BIOL 4915 Collaborative Internships in Biology (Ecology/Sustainability) (2)
    - BIOL 4916 Internships in Biology (focus: Ecology/Sustainability Internships) (2)
    - BIOL 4930 Topics in Biology (Ecology or Sustainability focus) (3)
    - EDCI 4100 Service Learning in Action (3)
    - ENGL 3110 Technical Writing (3)

    - GEOG 4644 Environmental Conservation (3)
    - GEOG 4534 Advanced Geographic Information Systems (4)
    - GEOG 4644 Environmental Conservation (3)
    - GEOG 4648 Biogeography (3)
    - GEOG 4784 Global Climate Change (3)
7. Environment and the Media
    - GEOG 4648 Biogeography (3)
    - GEOL 4017 Environmental Geology (3)
    - ENGL 3110 Technical Writing (3)
    - ENGL 3120 Electronic Writing and Publishing (3)
    - JOUR 3500 Introduction to PR Techniques (3)*
    - JOUR 4500/SCOM 4500 Visual Communication (3)
    - POLS 4160 Political Attitudes and Public Opinion (3)
    - POLS 4162 Politics and the Media (3)
    - SCOM 3040 Communication Environmental Issues (3)
    - SCOM 3250 Persuasion-CTW (3)
8. Sustainable Food Sources/Urban Gardens:
    - ANTH 4240 Food: History, Ecology and Political Economy (3)
    - ANTH 4550 Field School in Anthropology (topic: Growing Local Food: Field School in Sustainable Food Systems and Ethnographic Methods) (4-8)
    - ANTH 4390 Diet, Demography and Disease (4)
    - BIOL 3820 Plant Biology (3)
    - BIOL 4915 Collaborative Internships in Biology (Ecology/Sustainability) (2)
    - BIOL 4916 Internships in Biology (focus: Ecology/Sustainability Externship) (2)
    - BIOL 4916 Ecology Research Internship (2)
    - EDCI 4100 Service Learning in Action (3)
    - GEOG 4648 Biogeography (3)

Area I: Electives

Electives are used to build the hours in Areas G-I to 60 hours, have 39 hours at Georgia State University taken at the 3000-4000 level for residency, and complete 120 hours required for graduation.

Graduation with Distinction in the Major

This program offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the program director for the specific criteria for this honor.

3260 European Union Studies

Program Offered:

- **European Union Studies Certificate**

Department of Political Science
1005 Langdale Hall
404-413-6159
politicalscience.gsu.edu/

Program Coordinator: Jeannie Grussendorf (jgrussendorf@gsu.edu)

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 HIST 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):

1. POLS 4242 The European Union (3)
2. 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.

3. 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.
4. 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.

3280 French

Programs Offered:

- **Bachelor of Arts in French**
  - **Concentration in Language, Culture, and Society**
  - **Concentration in Foreign Language Education**
  - **Concentration in Language and International Business**
- **Bachelor of Arts in International Economics and Modern Languages**
- **Minor in French**
- **Certificate of Language Ability in French**
- **Dual B.A. / M.A. Program in French**

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William Nichols, Chair
Germán Torres, Associate Chair
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The Department of World Languages and Cultures serves a threefold purpose: to encourage an appreciation of humanistic values through the study of world languages, literatures, and cultures; to teach world 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 world language needs of the governmental, business, and professional communities.

The department recognizes that an active command of the world language and a thorough exploration of the related cultures 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 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.

The department sponsors two Freshman Learning Communities each year. One group is designed for students interested in using their world language in international business. The other, sponsored jointly by the Department of Applied Linguistics/ESL, is in Language Studies.

For students who hope to teach at the K-12 levels, the department offers a concentration that leads to certification in French.

For students who view language study as a preparation for a career in the business world, the department has two special programs: a concentration in the business language of French; and a practicum in an internationally oriented business or service organization in the metro area for qualified and interested students in their senior year. The department also offers the Bachelor of Arts Major in International Economics and Modern Languages (IEML), in collaboration with the Andrew Young School of Policy Studies.

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.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

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

Lab fees are assessed automatically for students who register for certain courses. As a result, students will no longer be required to purchase lab fee cards. For more information, please feel free to contact the department or review the GoSolar or catalog course listings to determine if a course includes a lab fee.

B.A. in French

Area F: Courses Appropriate to the Major (18)

1. Required courses (0-9):
    - FREN through the 2002 level (0-9)
      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.
2. Select additional elective courses from the following to complete 18 hours in Area F:
    - Any courses in other world languages

- AL 2101, AL 2102, ANTH 1002, ANTH 2020, AH 1700, AH 1750, ART 1301, ECON 2105 , ECON 2106, ENGL 2110, ENGL 2120, ENGL 2130, EDUC 2110, EDUC 2120, EDUC 2130, GEOG 1101, HIST 1111, HIST 1112, FLME 1010, JOUR 1010, [MUSC 1301], PHIL 2010, POLS 2401, THEA 1301, WGSS 2010

Area G: Major Courses (30)

The major in French consists of 30 hours (ten courses) on the 3000/4000 level. Prerequisite for all courses on the 3000 level is FREN 2002. Prerequisite for all courses at the 4000 level is the completion of the three courses at the 3000 level.

1. Major Requirements (6)
    - FREN 3013 Intensive Grammar Review (3)
    - FREN 3023 Advanced Conversation and Composition-CTW (3)
2. Concentration Courses (24)
    - Language, Culture, and Society Concentration
        a. Required Course to fulfill CTW requirement (3)
            - FREN 3033 Introduction to Analysis of Literary Texts-CTW (3)
        b. Select four courses. (12)
            - FREN 4414 Topics in French and Francophone Culture and Society (3)
            - FREN 4503 French Romanticism, Realism, and Symbolism (3)
            - FREN 4623 French Literature of the Twentieth Century (3)
            - FREN 4633 Francophone Literature (3)
        c. Select three additional courses in French at the 3000/4000 level (9)
    - Foreign Language Education Concentration
        a. Required Course to fulfill CTW requirement (3)
            - FREN 3033 Introduction to the Analysis of Literary Texts-CTW (3)
        b. Concentration Requirement (3)
            - FREN 4123 Contemporary France-CTW (3)
        c. Select two courses. (6)
            - FREN 4414 Topics in French and Francophone Culture and Society (3)
            - FREN 4503 French Romanticism, Realism, and Symbolism (3)
            - FREN 4623 French Literature of the Twentieth Century (3)
            - FREN 4633 Francophone Literature (3)
        d. Select four additional courses in French at the 3000/4000 level (12)

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 "World Language Education Concentration" above and the following methodology courses in the Department of World Languages and Cultures: FORL 3022, FORL 4021, FORL 4025, FORL 4026, and FORL 4030. All students will register for Opening School Experience (FORL 4650) and Student Teaching (FORL 4061, FORL 4062, FORL 4063).

All students seeking certification in French must pass EXC 4020 in the College of Education and Human Development with a grade of C or higher.

Students must apply formally and be admitted to the Teacher Education program in world languages. For the application forms, please go to the Department of World Languages and Cultures' website under Teacher Certification and then Program Information. To qualify for the Student Teaching experience, students must receive a grade of B or higher on a departmental test of oral and written proficiency in their target languages. Specific information about date and place of these exams is available in the department office. To apply, students must have:

- earned a 2.5 overall cumulative GPA,
- passed [Combined Test I, II, and III (700)] or been exempted from the GACE Program Admission Assessment. When registering for the assessment, program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment.; and
- completed the Georgia Educator Ethics – Program Entry (350) Assessment; though there is no "Pass/Fail" grade assigned. Program entry candidates must add your program provider (Georgia State University) as a score recipient when you register or we will not receive notification that you have completed the assessment.

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

Pre-Service Certificate

Upon admission to a teacher education program, students will be contacted by the college advisement/admissions office and provided with instructions to claim enrollment in their program and submit a GaPSC Pre-Service Certificate Application. The pre-service certificate is required for placement in required field experiences or clinical practice.

Georgia Assessments for the Certification of Educators (GACE)

The state of Georgia requires such candidates to take various GACE and Educator Ethics assessments as part of the educator certification process. These computer-delivered assessments have been developed by the Georgia Professional Standards Commission (GaPSC) and are delivered by the Education Testing Service (ETS). You will take these tests at different times.

Program Admission and Content Assessments: Program Admission Assessment [Combined Test I, II, and III (700)] is an admission requirement (unless candidate meets qualifications for exemption – scroll down to "Options to Satisfy the Program Admission Assessment Requirement"). When registering for the assessment, program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment.

Content Assessment (different content assessments for each program) tests your content knowledge and is taken after enrollment and prior to program completion. You will receive specific information regarding this test as you near completion of your program (required for certification).

Georgia Educator Ethics Assessment: Georgia Educator Ethics – Program Entry (350) Assessment is an

admission requirement. Completion of this assessment is required for admission, though there is no "Pass/Fail" grade assigned. Program entry candidates must add your program provider (Georgia State University) as a score recipient when you register or we will not receive notification that you have completed the assessment.

edTPA

edTPA is a preservice assessment process designed by educators to answer the essential question: "Is a new teacher ready for the job?" edTPA includes a review of a teacher candidate's authentic teaching materials as the culmination of a teaching and learning process that documents and demonstrates each candidate's ability to effectively teach his/her subject matter to all students.

edTPA is a program completion and teacher certification requirement. Students may graduate from the program while continuing to complete teacher certification requirements for edTPA.

Language and International Business Concentration

a. Required Courses to fulfill CTW requirement (3)
    - FREN 3033 Introduction to the Analysis of Literary Texts-CTW (3)
b. Concentration Requirements (9)
    - FREN 3023 Advanced Conversation and Composition CTW (3)
    - FREN 4033 French for International Business I (3)
    - FREN 4043 French for International Business II (3)
c. Select two courses. (6)
    - FREN 4414 Topics in French and Francophone Culture and Society (3)
    - FREN 4503 French Romanticism, Realism, and Symbolism (3)
    - FREN 4623 French Literature of the Twentieth Century (3)
    - FREN 4633 Francophone Literature (3)
d. Select four additional courses in French at the 3000/4000 level (6)
    - Students interested in FREN 4063 Practicum in French must consult with the section coordinator early in the semester prior to taking the course.

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.

Critical Thinking Through Writing Requirement

As of summer 2015, all students are required to complete one Critical Thinking Through Writing (CTW) course as part of the major. The university formerly required two CTW courses. Students following previous catalog requirements who have passed one CTW course in the major should consult with their senior academic advisor to determine which courses may be used as a substitution for the other formerly required CTW course. Information on senior advisement in the Office of Academic Assistance is available

at cas.gsu.edu/undergraduate/senior-advisement-90-credit-hours/.

Bachelor of Arts in International Economics and Modern Languages

Students majoring in the IEML program with a French concentration should contact the Andrew Young School of Policy studies for advisement. Information for this program is available at aysps.gsu.edu/oaa.

Program Admission

There are no admission requirements above the requirements for admission to the University for enrollment in the IEML.

Program Financial Information

There are no additional fees other than the tuition and fees charged by the University for enrollment in this program.

Program Degree Requirements

For degree credit, a minimum grade of C must be attained in ENGL 1101 and ENGL 1102 and all courses in the economics common core curriculum and modern languages core curriculum.

Complete descriptions of requirements for Areas A through E of the Undergraduate Core Curriculum can be found in the "University Degree Requirements and Graduation" chapter of this catalog. The number of semester credit hours required for each section is shown in parentheses.

Area F: Courses Appropriate to the Major (18)

1. Required Courses (15):
    - ECON 2105 Principles of Macroeconomics (3)
    - ECON 2106 Principles of Microeconomics (3)
    - MATH 1070 Elementary Statistics (3)
    - FREN 2001 Intermediate French I (3)
    - FREN 2002 Intermediate French II (3)
2. Select additional 1000/2000-level elective courses from Areas A-E to complete 18 hours in Area F.

Students who have not already attained elementary-level proficiency in their chosen language will be required to take prerequisite courses (FREN 1001 and/or FREN 1002). In that case, the 1002 language course may be used to satisfy 3 credit hours of core requirements in Area C.

Students who have already attained intermediate-level competency in French may substitute 1000/2000-level courses in another language for FREN 2001/FREN 2002 upon approval of the Department of World Languages and Cultures advisor.

Area G: Economics Common Core Curriculum (24) A minimum grade of C is required for all courses in this area.

- ECON 3900 Macroeconomics-CTW (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.

- FREN 3013 Intensive Grammar Review (3)
- FREN 3023 Advanced Conversation and Composition-CTW (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)
- Choose three additional 3000- or 4000-level French courses (3)
    - Students interested in FREN 4063 Practicum in French must consult with the section coordinator early in the semester prior to taking the course.

Area I: Electives (12) Choose any four 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.

Certificate of Language Ability in French

A strong demand exists by employers for candidates to offer credentials to verify language proficiency in both oral and written communication. The undergraduate Certificate of Language Ability is designed for students to offer tangible proof of their language abilities and makes an ideal complement to other areas of study such as business, international relations, public health, criminal justice, hospitality, and more.

The certificate consists of 12 credit hours at the 2000- and 3000-level (minimum of 6 must be at the 3000-level), with a B or higher in the first attempt at each course. Courses retaken using the university Repeat to Replace policy are not counted as first attempts.

- At the 2000-level, students may enroll in FREN 2001 and FREN 2002.
- At the 3000-level, students may choose from FREN 3010, FREN 3013, or FREN 3023.

Dual B.A. / M.A. Program in French

The department offers a dual Bachelor of Arts and Master of Arts in French. The dual degree opportunity enables qualified students to enroll in graduate courses late in their undergraduate program and count the

coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by the department and College of Arts and Sciences to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

Graduation with Distinction in the Major

This department offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the department undergraduate director for the specific criteria for this honor.

3285 Game Design and Development

Programs Offered:

- **Bachelor of Interdisciplinary Studies Concentration in Game Design and Development**
- **Interdisciplinary Minor in Game Design and Development**

Creative Media Industries Institute

David Cheshier, director and faculty coordinator, dcheshier@gsu.edu

The interdisciplinary Game Design and Development major concentration and the minor explore the interactive entertainment landscape, along with other related areas of software development and interactive storytelling. The program has its technical roots in computer and information science, while simultaneously covering the breadth of courses in many academic disciplines, including writing, film, graphic design, music, and psychology. The programs are for students who aspire to gain the background and technical skill necessary for a career in gaming or related areas in interactive media, and are closely connected to the region's game design companies.

Two tracks are offered to students in the major concentration. The Game Development track trains students to code and program in game-relevant software platforms (such as C#); the Game Design track is more conceptual, and introduces students to the broader logic of game conceptualization, rendering, story boarding, leveling, and more.

Program Admission

Students may enroll in a concentration upon admission to Georgia State University. Students who wish to change their major to this degree program should select a concentration in consultation with their academic advisor and the faculty coordinator. A 2.0 Georgia State University GPA is required.

Students who enroll in a concentration will be required to submit a course plan checklist to demonstrate their understanding of the degree requirements. It is highly recommended that students develop a course of study with their specific faculty coordinator before taking coursework in the degree program to avoid taking courses that will not count towards graduation.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

Bachelor of Interdisciplinary Arts students should also consult regularly with the faculty program coordinator for the specific program regarding course selection, program plans, experiential learning, and other academic opportunities.

Program Degree Requirements

Please refer to the Bachelor of Interdisciplinary Studies section 3030.30 of this catalog for academic regulations for this program.

Students must complete coursework in at least three disciplines (defined by course prefixes) in Area G and in at least two disciplines in Area H. Areas G and H should be constructed so that students take courses in distinct disciplines in each area (with some overlap expected); that is, the same prefix should not predominate in both Area G and H.

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).

Bachelor of Interdisciplinary Studies Concentration in Game Design and Development

Recommended Courses for Area F:

Students should enter the Game Design and Development major having taken course prerequisites needed for entrance into their planned program of study. Below is a list of courses that are prerequisites for courses included as options in Game Design and Development. Students should plan their desired program of study and identify which prerequisites they need to fulfill.

1. World language at 1002 level or above (3)
2. Select additional elective courses from the following to complete 18 hours in Area F:
    - CMIS 1301 Programming for Games I (3)
    - CMIS 1302 Programming for Games II (3)
    - CMIS 2100 Introduction to Games Industries (3)
    - CSC 1301 Principles of Computer Science I (4)*
    - CSC 1302 Principles of Computer Science II (4)*
    - CSC 2301 Programming for Non-Majors (3)*
    - CSC 2302 Programming II for Non-Majors (3)*
    - CSC 2510 Theoretical Foundations of Computer Science
    - ENGL 2130 American Literature (3)
    - ENGL 2160 Studies in Popular Culture (3)
    - FLME 1010 Film Aesthetics and Analysis (3)
    - ART 1010 Drawing I (3)
    - ART 1020 Two-Dimensional Design (3)
    - PSYC 1101 Introduction to General Psychology (3)
    - MATH 1070 Elementary Statistics (3)

Many of the courses listed above are required prerequisites for Game Design and Development BIS courses in Area G and H. Students should select Area F courses in consultation with a BIS advisor.

Additionally, any student planning to take 3000- or 4000-level courses in CSC in Area G or Area H should determine which programming sequence (indicated with * above) best meets their academic needs, as many CSC classes require CSC and/or Math prerequisites.

Area G: Area of Concentration (27-33 hours)

Students must complete coursework in at least three disciplines (defined by course prefixes) in Area G. Some film and sound production courses require departmental authorization.

1. CTW requirement. Choose one course from the following (3):
    - CMIS 4910 Special Topics in Creative Media (3)
    - CSC 4995 Directed Readings BIS – CTW (3-4)
    - FLME 4995 Directed Readings BIS – CTW (3-4)
    - GRD 4995 Directed Readings BIS – CTW (3-4)
2. Required courses (9-12 hours) Choose three of the following:
    - CMIS 3150 Game Programming and Development I (4)
    - CMIS 4120 Game Programming and Development II (4)
    - CSC 4820 Interactive Computer Graphics (4)
    - CSC 4821 Fundamentals of Game Design (4)
    - CSC 4840/GRD 4840/FLME 4840 Computer Graphics Imaging (3)
    - DPP 3000 Life Drawing (3)
    - ENGL 3150B Introduction to Creative Writing- Fiction (3)
    - ENGL 4204/FLME 4780 Special Topics – Introduction to Writing Interactive Fiction (3-4)
    - ENGL 4204/FLME 4780 Special Topics – Game Studies (3-4)
    - FLME 4110 Sound Design (4) (previously FILM 4361)
    - FLME 3155 Digital Cinematography (4)
    - GRD 4310 Multimedia Design (3)
    - GRD 3000 Introduction to Graphic Design (3)
    - MUS 4730 Computer Applications in Music (3)
    - MUS 4981 Computer Music (3)
3. Program focus area (15-18) Select courses as directed from either the Game Development or the Game Design areas below:
    a. Game Development (12-15 hours) Choose 3-5 courses from the following:
        - CMIS 3150 Game Programming and Development 1 (4)
        - CMIS 4070 Media Analytics (3)
        - CMIS 4080 Cross Media Design (3)
        - CMIS 4100/CSC 4821 Fundamentals of Game Design (3)
        - CMIS 4120 Game Programming and Development 2 (4)
        - CMIS 4140/CSC 4840/GRD 4840/FLME 4840 Computer Graphics Imaging (3)
        - CMIS 4160/CSC 4841/GRD 4841/FLME 4841 Computer Animation (4)
        - CMIS 4180 Visual Effects for Games (4)
        - CMIS 4200 Data Visualization (3)
        - CMIS 4310 Virtual Production Pipeline (3)
        - CMIS 4980 Internship (1-6)
        - CSC 4820 Interactive Computer Graphics (4)
        - CSC 4370 Web Programming (4)
        - CSC 4720 Human-Computer Interaction (4)
        - CSC 4810 Artificial Intelligence (4)
        - ENGL 3150B Introduction to Creative Writing- Fiction (3)
        - ENGL 4204/FLME 4780 Special Topics: Game Studies (3-4)
        - FLME 3155 Digital Cinematography (4)
        - FLME 4110 Sound Design (4)
        - GRD 3000 Introduction to Graphic Design (3)

- MUS 4730 Computer Applications in Music (3)
- MUS 4981 Computer Music (3)

b. Game Design (12-15 hours) Choose 3-5 courses from the following:
    - CMIS 4060 Designing Immersive Media Experiences (4)
    - CMIS 4100 /CSC 4821 Fundamentals of Game Design (3)
    - CMIS 4140/CSC 4840/GRD 4840/FLME 4840 Computer Graphics Imaging (3)
    - CMIS 4160/CSC 4841/GRD 4841/FLME 4841 Computer Animation (4)
    - CMIS 4680 Social Media and Digital Promotion (3)
    - CMIS 4980 Internship (1-6)
    - DPP 3000 Life Drawing (3)
    - ENGL 3150B Introduction to Creative Writing- Fiction (3)
    - ENGL 3160 Narrative Techniques (3)
    - ENGL 4204/FLME 4780 Special Topics: Game Studies (3/3-4)
    - FLME 3115 Screenwriting & Visualization for the Short Film/Video (4)
    - FLME 3155 Digital Cinematography (4)
    - FLME 3300 Dramatic Writing for the Stage and Screen (3)
    - FLME 4000 Acting for the Camera and Directing (4)
    - FLME 4110 Sound Design (4)
    - FLME 4120 Production I (4)
    - FLME 4800 Media Industries (3)
    - GRD 3000 Introduction to Graphic Design (3)
    - GRD 3150 Introduction to Typography (3)
    - GRD 3200 Intermediate Graphic Design (3)
    - GRD 3300 Illustration: Concepts through Images (3)
    - ID 3000 Drafting (3)
    - ID 3300 Interior Design: Theory (3)
    - MUS 4730 Computer Applications in Music (2)
    - MUS 4981 Computer Music (3)
    - MUS 4982 Advanced Topics in Computer Music (3)
    - PHOT 3000 Photography I (3)
    - PHOT 3010 Photography II (3)
    - PHOT 3500 Digital Photography (4)
    - PHOT 3600 Digital Video for Artists (4)
    - THEA 3300 Dramatic Writing for the Stage and Screen (3)

Area H: Allied Field (15 – 21 hours)

Students must complete coursework in at least two disciplines (defined by course prefixes) in Area H. Students who chose to focus on Game Development in Area G should choose their minor area from courses listed in the Game Design list from Area G. Students who chose to focus on Game Design in Area G should choose their minor area from courses listed in the Game Development list in Area G.

BIS students without backgrounds in statistics should consider taking MATH 1070; while students without backgrounds in writing take ENGL 3150B, FLME 3115, or ENGL 4204 and students without backgrounds in programming should take CSC 2301.

Interdisciplinary Minor in Game Design and Development

Recommended Courses for Area A-F

Students should enter the Game Design and Development minor having taken course prerequisites needed for entrance into their planned program of study. Below is a list of courses that are prerequisites for courses included as options in Game Design and Development minor. Students should plan their desired program of study and identify which prerequisites they need to fulfill.

- CMIS 1301 Programming for Games 1 (3)
- CMIS 1302 Programming for Games 2 (3)
- CMIS 2100 Introduction to Games Industries (3)
- CSC 2310 Principles of Computer Programming (3)
- FLME 1010 Film Aesthetics and Analysis (3)
- FLME 2700 History of the Motion Picture (3)
- ID 3000 Drafting (3)
- ART 1010 Drawing I (3)
- ART 1020 Two Dimensional Design (3)
- ART 1030 Three Dimensional Design (3)
- ART 1050 Introductory Studio (3)

Required Courses for the Interdisciplinary Minor (15-18 hours)

Students pursuing the interdisciplinary minor in Game Design and Development must take five courses. No more than two of the courses counting towards the minor can have the same course prefix. Additionally, no more than two of the five courses counting toward the minor may also count toward the major.

1. Choose two of the following:
    - CMIS 3150 Game Programming and Development 1 (4)
    - CMIS 4120 Game Programming and Development 2 (4)
    - GRD 3000 Introduction to Graphic Design (3)
    - GRD 3400 Graphic Design Survey (3)
    - FLME 4780 Introduction to Writing Interactive Fiction (3-4)
    - FLME 4361 Sound Design for Media Production (3)
    - CSC 4821 Fundamentals of Game Design (4)
2. Choose three of the following:
    - CMIS 3150 Game Programming and Development 1 (4)
    - CMIS 4040 Innovations in Media Technology (3)
    - CMIS 4060 Designing Immersive Media Experiences (4)
    - CMIS 4070 Media Analytics (3)
    - CMIS 4080 Cross Media Design (3)
    - CMIS 4100/CSC 4821 Fundamentals of Game Design (4)
    - CMIS 4140/CSC 4840/GRD 4840/FLME 4840 Computer Graphics Imaging (3-4)
    - CMIS 4160 Computer Animation (4)
    - CMIS 4180 Visual Effects for Games (4)
    - CMIS 4200 Data Visualization (3)
    - CMIS 4310 Virtual Production Pipeline (3)

- CMIS 4680 Social Media & Digital Promotion (3)
- CMIS 4980 Internship (1-6)
- CSC 4820 Interactive Computer Graphics (4)
- DPP 3000 Life Drawing (3)
- ENGL 4204/FLME 4800 Game Studies (3)
- ENGL 3150B Introduction to Creative Writing- Fiction (3)
- ENGL 4204/FLME 4780 Special Topics: Introduction to Writing Interactive Fiction (3)
- FLME 3115 Screenwriting & Visualization for the Short Film/Video (4)
- FLME 3155 Digital Cinematography (4)
- FLME 4000 Acting for the Camera and Directing (4)
- FLME 4110 Sound Design (4)
- FLME 4120 Production I (4)
- GRD 4310 Multimedia Design (3)
- ID 3000 Drafting (3)
- ID 3300 Interior Design: Theory (3)
- ID 4100 Lighting Design (2)
- ID 3250 Computer Aided Drafting and Design I (2)
- MUS 4730 Computer Applications in Music (3)

3290 Geosciences

Programs Offered:

- **Bachelor of Arts in Geosciences (3290.1)**
  - **Concentration in Geography**
  - **Concentration in Urban Studies**
- **Bachelor of Science in Geosciences (3290.2)**
  - **Concentration in Geology**
  - **Concentration in Environmental Geosciences**
  - **Concentration in Geography**
  - **Concentration in Urban Studies**
- **Minor in Geosciences (3290.3)**
- **Dual B.A. or B.S. / M.S. in Geosciences (3290.4)**
- **Certificate in Geographic Information Science (3290.5)**
- **Certificate in Sustainability (3290.6)**
- **Certificate in Water Science (3290.7)**

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Katherine Hankins, Chair
Christy Visaggi, Undergraduate Director

Geosciences involves the study of the social and physical dimensions of the earth, including its interior, surface, atmosphere, and people. The Department of Geosciences makes available to students instruction, training, and experiences in the fields of Geology and Geography. These two disciplines provide complementary perspectives on a broad range of issues dealing with natural landscapes at all spatial and temporal scales, human-environment interactions, geospatial analysis, including Geographic Information Systems, and the social and physical dynamics of urban life.

The Department of Geosciences offers the B.A. degree in Geosciences with a concentration in either Geography or Urban Studies; and the B.S. degree in Geosciences with a concentration in Geology, Geography, Environmental Geosciences, or Urban Studies. In addition, the department offers undergraduate certificates in Geographic Information Systems (GIS), water science, and sustainability. These certificates complement the expertise students develop in the B.A./B.S. degrees in Geosciences and in other departments.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

3290.10 Bachelor of Arts in Geosciences

Students earning the B.A. degree in Geosciences must choose one of two concentrations: either **Geography** or **Urban Studies**.

The **Geography** concentration develops a broad understanding of social and environmental issues, attains depth in a specialized area within Geography, and provides skills needed to gain employment and carry out lifelong learning. An undergraduate degree in Geosciences with a Geography concentration affords many opportunities for employment in both the public and private sectors. Geographers generally find employment as cartographers, city/regional planners, conservationists, environmental managers, environmental regulators, Geographic Information System (GIS) specialists, historic preservationists, location analysts, and as physical scientists working for the government. In addition, with their broad liberal arts training, geographers also qualify for professional management positions as well as teachers.

The Geography concentration also provides a solid intellectual foundation for people getting advanced degrees in either the social or natural sciences. In addition to having substantial flexibility of course selections, students in the Geography concentration are required to take multiple upper-division courses in human geography, physical geography, and geospatial techniques. Finally, the Geography concentration enables majors interested in geography to find their intellectual niche within geography. Pursuing a certificate in GIS, water science, or sustainability provides a complementary suite of courses for students to further specialize in their areas of interest.

The **Urban Studies** concentration permits the students to focus on the study of cities including urban development and economics, urban politics and institutions, the urban built environment, social and environmental disparities in cities, and the changing physical and social dynamics of urbanization processes. This interdisciplinary approach enables students to draw from a variety of courses to solve some of the most pressing challenges of the twenty-first century city. The Urban Studies concentration draws from classes in other complementary departments, enabling the student to develop specific interests within the concentration.

In addition to course content focused on different aspects of urban problems and solutions, students will gain a skill set to address such issues, including a holistic approach to understanding urban dynamics, critical thinking and writing skills to express the complexity of urban issues, and a tool kit of data collection and analysis skills, which may include Geographic Information Systems (GIS), quantitative spatial analysis, and/or qualitative analysis. Students graduating with this concentration will be well poised to enter jobs and graduate study in urban planning, urban policy work, non-governmental organization administration, community-based work, and in urban public health, among many others. Pursuing a certificate in GIS, water science, or sustainability provides a complementary suite of courses for students to further specialize in their areas of interest.

Students interested in any geography or urban studies course, or in enrolling in these concentrations within the B.A. degree in Geosciences or pursuing a minor in Geosciences, are invited to contact the Geosciences Undergraduate Director to discuss how this degree program may best help make their college experience positive and productive. Note that additional course options may be available by working directly with a faculty member such as through offerings of Topics (GEOG 4097) or Independent Research (GEOG 4098). The department encourages GEOS students and prospective majors to attend the weekly seminar series

(and/or enroll in the affiliated one credit hour course GEOL 4095/GEOG 4095) to learn more about the range of opportunities in the discipline both at the university and after graduation.

Program Degree Requirements

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Program Financial Information

Lab fees will be assessed automatically for students who register for certain courses. For more information, please feel free to contact the department or review the GoSolar or catalog course listings to determine if a course includes a lab fee.

B.A. in Geosciences

Area D:

- Recommended courses:
    - GEOG 1112 Weather and Climate (4)
    - GEOG 1113 Introduction to Landforms (4)
    - MATH 1070 Elementary Statistics (3)

Area E:

- Recommended course: GEOG 1101 Introduction to Human Geography (3)

Area F: Courses Appropriate to the Major

1. Required courses (if not taken in Areas C-E) (17):
    - GEOG 1112 Weather and Climate (4)
    - GEOG 1113 Introduction to Landforms (4)
    - MATH 1070 Elementary Statistics (3)
    - GEOG 1101 Introduction to Human Geography (3)
    - World language at the 1002 level or higher (3)
2. Select additional elective courses from the following to complete 18 hours in Area F:
    - AAS 2010 Introduction to African-American Studies (3)
    - ANTH 2020 Introduction to Cultural Anthropology (3)
    - ANTH 2030 Archaeology and Prehistory (3)
    - ECON 2105 Principles of Macroeconomics (3)
    - ECON 2106 Principles of Microeconomics (3)
    - Any HIST course not taken in Area E
    - PHIL 1010 Critical Thinking (2)
    - POLS 2401 Global Issues (3)
    - PSYC 1101 Introduction to General Psychology (3)
    - SOCI 1101 Introduction to Sociology (3)
    - SOCI 1160 Introduction to Social Problems (3)

    - WGSS 2010 Introduction to Women's, Gender and Sexuality Studies (3)
    - World language at the 1001 level (3) (if student has no previous experience with language)
    - World language at the 2001 or higher level (3)

- Students should select Area F elective courses in consultation with their advisor, as some upper level geosciences courses have prerequisites.

Area G: Major Courses, B.A. in Geosciences

Geography Concentration Courses (39)

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

1. Required course to fulfill CTW requirement (3)
    - GEOG 4830 Senior Seminar (3)
2. Required foundational courses (9)
    - GEOG 4515 Qualitative Methods (3)
    - GEOG 4518 Digital Cartography (3)
    - GEOG 4520 Quantitative Spatial Analysis (3)
3. Required selection of courses (15-18):
    - Group I: Select one field experience or internship course from the following (3-4):
        - GEOG 4050 Natural Environments of Georgia (4)
        - GEOG 4550 Field School in Geosciences (3)
        - GEOG 4832 Geography Internship (3)
        - or another approved course focused on field, lab, or research experience as available including study abroad
    - Group II: Select one course from the following (3):
        - GEOG 4762 Economic Geography (3)
        - GEOG 4764 Urban Geography (3)
        - GEOG 4768 Metropolitan Atlanta (3)
        - GEOG 4774 Contemporary Urban Theory and Issues (3)
        - GEOG 4778 Political Geography (3)
    - Group III: Select one course from the following (3):
        - GEOG 4020 Urban Environments (3)
        - GEOG 4051 Environmental History of Georgia (3)
        - GEOG 4402 Geography of Africa (3)
        - GEOG 4644 Environmental Conservation (3)
        - GEOG 4646 Water Resources (3)
        - GEOG 4784 Global Climate Change (3)
    - Group IV: Select one course from the following (3-4):
        - GEOG 4050 Natural Environments of Georgia (4) (if not taken in Group I)
        - GEOG 4640 Geomorphology (3)
        - GEOG 4642 Advanced Weather and Climate (3)
        - GEOG 4648 Biogeography (3)
        - GEOG 4650 Surface Water Hydrology (3)
    - Group V: Select one course from the following (3-4):
        - GEOG 4530 Introduction to Remote Sensing (4)

        - GEOG 4532 Introduction to Geographic Information Systems (GIS) (4)
        - GEOG 4534 Advanced GIS (4)
        - GEOG 4536 GIS Programming (4)
        - GEOG 4538 Urban GIS (4)
        - GEOL 4123 Geoinformatics (3)
4. Remaining Geography or Geology courses selected in consultation with advisor. Students are encouraged to choose courses from Groups I–V that exceed the required number of courses.

Urban Studies Concentration Courses (39)

A grade of C or higher is required in all major courses. At least half of the required 39 hours be GEOG courses as specified in the options below.

1. Required course to fulfill CTW requirement (3)
    - GEOG 4830 Senior Seminar (3)
2. Required selection of courses (18+):
    - Group I. Select a field or internship experience from the following (3):
        - GEOG 4550 Field School in Geosciences (3)
        - GEOG 4832 Geography Internship (3)
        - or another approved course focused on field, lab, or research experience as available including study abroad
    - Group II. Select at least three courses from the following (9):
        - GEOG 4764 Urban Geography (3)
        - GEOG 4774 Contemporary Urban Theory and Issues (3)
        - GEOG 4768 Metropolitan Atlanta (3)
        - GEOG 4020 Urban Environments (3)
    - Group III. Select one course from the following (3):
        - GEOG 4515 Qualitative Methods (3)
        - GEOG 4520 Quantitative Spatial Analysis (3)
    - Group IV. Select one or more courses from the following (3+):
        - GEOG 4538 Urban GIS (4)
        - GEOG 4762 Economic Geography (3)
        - GEOG 4778 Political Geography (3)
        - GEOG 4402 Geography of Africa (3)
        - PMAP 3011 Policy and Politics in the American City (3)
        - PMAP 3111 Urban Political Economy (3)
        - PMAP 3411 Contemporary Planning (3)
        - PMAP 3421 Urban Transportation Planning (3)
        - ANTH 4200 Urban Anthropology (4)
        - HIST 4220 The American City (4)
        - HIST 4325 Public History and Historic Preservation (3 or 4)
        - HIST 4840 Global Urbanization (4)
        - SOCI 4226 Urban Sociology (3)
        - SOCI 4803 CTW in Race and Urban Studies (3)
        - POLS 4115 Urban Politics (3)
3. Remaining Geography or Geology courses selected in consultation with advisor. These may include courses from Groups I–IV that exceed the required number of courses.

Area H: Minor and Additional Courses

Students earning a B.A. in Geosciences are not required to take a minor.

3290.20 Bachelor of Science in Geosciences

Students earning the B.S. degree in Geosciences must choose one of four concentrations: Geology, Environmental Geosciences, Geography, or Urban Studies. Many career opportunities allow for practical application of geosciences in industry, consulting firms, non-governmental organizations, and governmental agencies at all levels. Practical and essential applications of geology and geography include development and stewardship of water resources, both surface and subsurface; land-use planning for urban, suburban, and rural development; exploration for and development of mineral and energy resources including petroleum and other fossil fuels; and development of environmentally sound strategies for hazardous waste disposal and treatment. The curriculum leading to the B.S. degree in geosciences is excellent preparation for graduate work in geology and environmental science, geography, and urban studies. For students who are interested in geoscience and environmental science but who intend to pursue graduate or advanced study in other fields, for example environmental law or business, the B.S. degree may still be an appropriate choice. The B.S. degree meets certain federal criteria required for science-track career pathways in federal agencies such as the EPA, USGS, and others.

The concentrations in Geography and Geology are the most traditional of the programs, and they are designed to prepare the student for graduate studies or employment in a wide variety of geoscience areas. Students considering employment and state licensure as a Professional Geologist (required for supervisory environmental consultants) and other careers founded in geology should select the traditional Geology concentration. The Environmental Geosciences concentration offers a more interdisciplinary set of courses that emphasize the study of the delicate environmental balances of the natural world. The Geography concentration allows for a suite of skills to be gained in studying the world around us from both physical and human perspectives. The Urban Studies Concentration is focused on geoscience topics applicable to the study of urban settings. Specific requirements for the concentrations are shown below.

For all of the concentrations, students may find tremendous benefit in pursuing undergraduate certificates in Geographic Information Systems (GIS), water science, and/or sustainability. These certificates, described in more detail below, complement the different concentrations and provide students with an opportunity to explore in more depth the skills and knowledge needed to obtain employment and/or further their academic studies.

Majors should be aware that there are prerequisites for several courses in our department (especially in the Geology concentration). In addition, most GEOS courses are offered only once a year (and several specialty courses only every other year). Note that classes in the Department of Geosciences are listed under either Geology or Geography in the course catalog. Additional course options may be available by working directly with a faculty member such as through offerings of Topics (GEOG 4097/GEOL 4097) or Independent Research ([GEOG 4098]/GEOL 4098).

To prepare for the most appropriate path leading up to graduation, it is important to choose a concentration upon declaring the major based on career aspirations (e.g., a geology concentration may still be recommended for certain environmental work). Students are encouraged to seek advisement early on to

ensure that programs of study accord with their specific career goals and needs and that they plan ahead by reviewing the schedule of projected courses on the department website. The department encourages GEOS students and prospective majors to attend the weekly seminar series (and/or enroll in the affiliated one credit hour course GEOL 4095/GEOG 4095) to learn more about the range of opportunities in the discipline both at the university and after graduation.

Program Financial Information

Lab fees will be assessed automatically for students who register for certain courses. For more information, please feel free to contact the department.

Program Degree Requirements

In addition to the Program Degree Requirements outlined below, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

B.S. in Geosciences

Area A:

- Required course:
- MATH 1113 Precalculus (3) or higher level MATH course. Recommended: Section of MATH 1113 specifically for Geosciences majors.

Area D:

- Required course: MATH 2201 Calculus for Life Sciences I (4) or MATH 2211 Calculus of One Variable I (4) or a higher-level mathematics course.

- Recommended courses:
    - GEOL 1121K Introductory Geology I (4) and
    - GEOL 1122K Introductory Geology II (4)

Area E:

- Recommended course: GEOG 1101 Introduction to Human Geography (3)

Area F: Courses Appropriate to the Major (18)

1. Required Courses (if not taken in Area D) (11):
    - GEOL 1121K Introductory Geology I (4)
    - GEOL 1122K Introductory Geology II (4)
    - MATH 1070 Elementary Statistics (3)
2. Complete one of the following science sequences. Students in the Geology concentration are strongly advised to complete the chemistry sequence. Students in the Environmental Geosciences concentration are strongly advised to complete either the geography, biology, or chemistry sequence

depending on their interests. Students in the Geography or Urban Studies concentrations are strongly advised to complete the geography sequence. (8)
    - BIOL 1103K Introductory Biology I (4) and BIOL 1104K Introductory Biology II (4)
    - CHEM 1211K Principles of Chemistry I (4) and CHEM 1212K Principles of Chemistry II (4)
    - GEOG 1112K Weather and Climate (4) and GEOG 1113K Introduction to Landforms (4)
3. Select additional elective courses from the following to complete 18 hours in Area F. Students in the Geology concentration are recommended to take a physics sequence and an additional calculus course if possible. Students in the Environmental Geosciences, Geography, or Urban Studies concentrations are recommended to take either the biology, chemistry, or computer science sequence depending on their interests.
    - CHEM 1211K Principles of Chemistry I (4)
    - CHEM 1212K Principles of Chemistry II (4)
    - CHEM 2400 Organic Chemistry I (3)
    - CHEM 2410 Organic Chemistry I (3)
    - CHEM 2400L and CHEM 2410L or CHEM 2100 Organic Chemistry Lab I and II (2)*
    - GEOG 1112K Weather and Climate (4)
    - GEOG 1113K Introduction to Landforms (4)
    - PHYS 1111K Introductory Physics I (4)
    - PHYS 1112K Introductory Physics II (4)
    - PHYS 2211K Principles of Physics I (4)
    - PHYS 2212K Principles of Physics II (4)
    - BIOL 1103K Introductory Biology I (4)
    - BIOL 1104K Introductory Biology II (4)
    - MATH 2202 Calculus for the Life Sciences II (4) or MATH 2212 Calculus of One Variable II (4)
    - MATH 2215 Multivariate Calculus (4)
    - CSC 1301 Principles of Computer Science I (4)
    - CSC 1302 Principles of Computer Science II (4)
    - [RSCH 1203] Research Strategies and Technology (1)

- All courses above ending in K are commonly offered as separate lecture and lab (L) courses by GSU's Perimeter College. The combined (K) courses and separate lecture and lab (L) courses cover the same subject matter and are considered equivalent courses (but both lecture and lab sections must be completed with a passing grade).
- Any credit hours exceeding 18 earned to complete the Area F requirements will count toward elective hours.

Area G: Major Courses, B.S. in Geosciences.
Geology Concentration Courses (39)

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

1. Required course to fulfill CTW requirement (3)
    - GEOL 4830 Senior Seminar (3)
2. Required courses (24):
    - GEOL 4006 Sedimentary Environments and Stratigraphy (4)

    - GEOL 4013 Structural Geology (4)
    - GEOL 4015 Crystallography and Optical Mineralogy (4)
    - GEOL 4016 Petrology of Igneous and Metamorphic Rocks (4)
    - GEOL 4120 Basic Field Geology (4)
    - GEOL 4121 Advanced Field Geology (4)
3. Remaining Geology or Geography courses selected in consultation with advisor, such as:
    - GEOG 4050 Natural Environments of Georgia (4)
    - GEOG 4051 Environmental History of Georgia (3)
    - GEOG 4550/GEOL 4550 Field School in Geosciences (3 or 4)
    - GEOL 4530 Introduction to Remote Sensing (4)
    - GEOG 4532 Introduction to Geographic Information Systems (GIS) (4)
    - GEOG 4640 Geomorphology (3)
    - GEOG 4650 Surface Water Hydrology (3)
    - GEOL 4003 Aqueous Geochemistry (3)
    - GEOL 4005 Geology of Georgia (3)
    - GEOL 4007 Hydrogeology (3)
    - GEOL 4008 Rock Fracture and Fluid Flow (3)
    - GEOL 4011 Principles of Paleontology (4)
    - GEOL 4017 Environmental Geology (3)
    - GEOL 4023 Terrestrial Sediments (3)
    - GEOL 4030 X-ray Methods (3)
    - GEOL 4042 Environmental Instrumentations (4)
    - GEOL 4123 Geoinformatics (3)

Environmental Geosciences Concentration Courses (39)

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

1. CTW requirement. Select one of the following (3):
    - GEOL 4830 Senior Seminar (3)
    - GEOG 4830 Senior Seminar (3)
2. Required selection of courses (15-18):
    - Group I. Select one field course or internship from the following (3-4):
        - GEOG 4050 Natural Environments of Georgia (4)
        - GEOG 4550/GEOL 4550 Field School in Geosciences (3 or 4)
        - GEOG 4832 Geography Internship (3)
        - or another approved course focused on field, lab, or research experience as available including study abroad.
    - Group II. Select one course from the following (3):
        - GEOG 4644 Environmental Conservation (3)
        - GEOL 4017 Environmental Geology (3)
    - Group III. Select one course from the following (3-4):
        - GEOG 4518 Digital Cartography (3)
        - GEOG 4532 Introduction to Geographic Information Systems (GIS) (4)
        - GEOG 4530 Introduction to Remote Sensing (4)
        - GEOG 4520 Quantitative Spatial Analysis (3)
        - GEOL 4042 Environmental Instrumentation (4)

        - GEOL 4123 Geoinformatics (3)
    - Group IV. Select one course from the following (3):
        - GEOG 4020 Urban Environments (3)
        - GEOG 4784 Global Climate Change (3)
        - GEOG 4646 Water Resources (3)
        - GEOG 4644 Environmental Conservation (3) (If not taken in Group II)
    - Group V. Select one course from the following (3-4):
        - GEOG 4050 Natural Environments of Georgia (4) (if not taken in Group I)
        - GEOG 4640 Geomorphology (3)
        - GEOG 4642 Advanced Weather and Climate (3)
        - GEOG 4650 Surface Water Hydrology (3)
        - GEOG 4648 Biogeography (3)
        - GEOL 4006 Sedimentary Environments and Stratigraphy (4)
        - GEOL 4007 Hydrogeology (3)
        - GEOL 4008 Rock Fracture and Fluid Flow (3)
        - GEOL 4017 Environmental Geology (3) (if not taken in Group II)
3. Remaining courses from Geography or Geology selected in consultation with advisor. These may include any from Groups I–V that exceed the minimum requirements in addition to other courses, such as:
    - GEOG 4051 Environmental History of Georgia (3)
    - GEOG 4515 Qualitative Methods (3)
    - GEOG 4534 Advanced GIS (4)
    - GEOG 4536 GIS Programming (4)
    - GEOG 4402 Geography of Africa (3)
    - GEOL 4003 Aqueous Geochemistry (3)
    - GEOL 4005 Geology of Georgia (3)

Geography Concentration Courses (39)

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

1. Required course to fulfill CTW requirement (3):
    - GEOG 4830 Senior Seminar (3)
2. Required foundational courses (9):
    - GEOG 4515 Qualitative Methods (3)
    - GEOG 4518 Digital Cartography (3)
    - GEOG 4520 Quantitative Spatial Analysis (3)
3. Required selection of courses (15-18):
    - Group I. Select one field experience or internship course from the following (3-4):
        - GEOG 4050 Natural Environments of Georgia (4)
        - GEOG 4550 Field School in Geosciences (3 or 4)
        - GEOG 4832 Geography Internship (3)
        - or another approved course focused on field, lab, or research experience as available including study abroad.
    - Group II. Select one course from the following (3):
        - GEOG 4762 Economic Geography (3)
        - GEOG 4764 Urban Geography (3)

        - GEOG 4768 Metropolitan Atlanta (3)
        - GEOG 4774 Contemporary Urban Theory and Issues (3)
        - GEOG 4778 Political Geography (3)
    - Group III. Select one course from the following (3-4):
        - GEOG 4020 Urban Environments (3)
        - GEOG 4050 Natural Environments of Georgia (4) (if not taken in Group I)
        - GEOG 4051 Environmental History of Georgia (3)
        - GEOG 4402 Geography of Africa (3)
        - GEOG 4644 Environmental Conservation (3)
        - GEOG 4646 Water Resources (3)
        - GEOG 4784 Global Climate Change (3)
    - Group IV. Select one course from the following (3-4):
        - GEOG 4640 Geomorphology (3)
        - GEOG 4642 Advanced Weather and Climate (3)
        - GEOG 4648 Biogeography (3)
        - GEOG 4650 Surface Water Hydrology (3)
    - Group V. Select one course from the following (3-4):
        - GEOG 4530 Introduction to Remote Sensing (4)
        - GEOG 4532 Introduction to Geographic Information Systems (GIS) (4)
        - GEOG 4534 Advanced GIS (4)
        - GEOG 4536 GIS Programming (4)
        - GEOG 4538 Urban GIS (4)
        - GEOL 4123 Geoinformatics (3)
4. Remaining Geography or Geology courses selected in consultation with advisor. Students are encouraged to choose courses from Groups I–V that exceed the required number of courses.

Urban Studies Concentration Courses (39)

A grade of C or higher is required in all major courses. At least half of the required 39 hours be Geography courses as specified in the below options.

1. Required course to fulfill CTW requirement (3)
    - [GEOG 4830 Senior Seminar (3)
2. Required selection of courses (18+):
    - Group I. Select one field experience or internship course from the following (3-4):
        - GEOG 4550 Field School in Geosciences (3)
        - GEOG 4832 Geography Internship (3)
        - or another approved course focused on field, lab, or research experience as available including study abroad.
    - Group II. Select at least three courses from the following (9):
        - GEOG 4764 Urban Geography (3)
        - GEOG 4774 Contemporary Urban Theory and Issues (3)
        - GEOG 4768 Metropolitan Atlanta (3)
        - GEOG 4020 Urban Environments (3)
    - Group II. Select one course from the following (3):
        - GEOG 4515 Qualitative Methods (3)
        - GEOG 4520 Quantitative Spatial Analysis (3)

- Group IV. Select one course from the following (3+):
    - GEOG 4538 Urban GIS (4)
    - GEOG 4762 Economic Geography (3)
    - GEOG 4778 Political Geography (3)
    - GEOG 4402 Geography of Africa (3)
    - PMAP 3011 Policy and Politics in the American City (3)
    - PMAP 3111 Urban Political Economy (3)
    - PMAP 3411 Contemporary Planning (3)
    - PMAP 3421 Urban Transportation Planning (3)
    - ANTH 4200 Urban Anthropology (4)
    - HIST 4220 The American City (4)
    - HIST 4325 Public History and Historic Preservation (3 or 4)
    - HIST 4840 Global Urbanization (4)
    - SOCI 4226 Urban Sociology (3)
    - SOCI 4803 CTW in Race and Urban Studies (3)
    - POLS 4115 Urban Politics (3)

3. Remaining Geography or Geology courses selected in consultation with advisor. These may include courses from Groups I–IV that exceed the required number of courses.

Area H: Minor and Additional Courses

Students earning a B.S. in Geosciences are not required to take a minor.

3290.30 Minor in Geosciences

Students who wish to minor in Geosciences must take 15-18 hours in courses in Geosciences, including at least nine hours at the 3000-level or above. Students taking more than 15 hours in courses in Geosciences may count the additional hours toward their electives or may consider completing a double major. A grade of C or higher is required in all courses counting toward the minor. Courses that are being applied to the core may not also be applied to the minor.

3290.4 Dual B.A./M.S. and Dual B.S./M.S. Programs in Geosciences

The department offers a dual Bachelor of Arts or Bachelor of Sciences and Master of Arts Science in Geosciences. The dual degree opportunity enables qualified students to enroll in graduate courses late in their undergraduate program and count the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by the department and College of Arts and Sciences to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

3290.5 Certificate in Geographic Information Science

Geographic Information Science (GIS) is a rapidly growing discipline, with applications in many fields. A strong demand exists for proficient users of geospatial technology. The undergraduate-level certificate program in GIS is designed to facilitate the learning of GIS by students working toward undergraduate degrees in Geosciences and in many other disciplines. The certificate program consists of five courses with a total of 17-19 credit hours.

GIS Certificate Requirements (17-19 hours)

1. Group I. Required courses (11):
    - GEOG 4518 Digital Cartography (3)
    - GEOG 4532 Introduction to Geographic Information Systems (GIS) (4)
    - GEOG 4534 Advanced GIS (4)
2. Group II. Select two courses from the following, at least one of which must be completed in the Department of Geosciences (6-8):
    - GEOG 4520 Quantitative Spatial Analysis (3)
    - GEOG 4530 Introduction to Remote Sensing (4)
    - GEOG 4536 GIS Programming (4)
    - GEOG 4538 Urban GIS (4)
    - GEOL 4123 Geoinformatics (4)
    - CSC 1310 Introduction to Computer Programming (non-majors) (3)
    - PMAP 4421 GIS Application to Planning and Policy Analysis (3)

Students interested in this certificate should contact the Undergraduate Director in Geosciences to enroll in the program. Courses that apply to a degree program in Geosciences also may be used in support of the certificate; however, only one course can be applied to two different certificates. Other electives for this certificate pending approval from the Undergraduate Director in Geosciences may include GEOG 4834 Applied Research in GIS, or options available through the Department of Computer Science for students interested in programming (e.g., CSC 1301, CSC 2301).

3290.6 Certificate in Sustainability (14-16)

The certificate in sustainability offers an interdisciplinary approach to sustainability as a concept, area of study, social practice, organizational goal, and policy objective that concerns the effects and durability of relationships and interactions between social and biophysical systems. The certificate entails five courses, including at least two credit hours of internship experience.

1. Group I. Required courses (8-9):
    - Internship. Select one from the following (2-3):
        - GEOG 4832 Geography Internship (3) (if related to sustainability)
        - BIOL 4915 Collaborative Internships in Biology (2) (if related to sustainability)
        - BIOL 4916 Internships in Biology (2) (if related to sustainability)
    - GEOG 4020 Urban Environments (3)
    - GEOG 4644 Environmental Conservation (3)
2. Group II. Select two courses from the following (6-8):
    - ANTH 4060 Environmental Anthropology (3)
    - ANTH 4550 Field School in Anthropology (3) (if related to sustainability)

- BIOL 4050/GEOG 4050 Natural Environments of Georgia (4)
- BIOL 4045 Ecology (3)
- BIOL 4930 Study Abroad: Tropical Island Ecology (3)
- BIOL 4930 Experimental Methods in Environmental Science (3)
- BIOL 4451 Aquatic Pollution and Toxicology (3)
- ECON 4220 Environmental Economics and Policy (3)
- GEOG 4051 Environmental History of Georgia (3)
- GEOG 4646 Water Resources (3)
- GEOG 4648 Biogeography (3)
- GEOG 4784 Global Climate Change (3)
- GEOG 4550/GEOL 4550 Field School in Geosciences (3 or 4) (if related to sustainability)
- GEOL 4017 Environmental Geology (3)
- JOUR 3040 Communicating Environmental Issues (3)

Students interested in this certificate should contact the Undergraduate Director in Geosciences to enroll in the program. Courses that apply to a degree program in Geosciences also may be used in support of the certificate; however, only one course can be applied to two different certificates.

3290.7 Certificate in Water Sciences (15-17)

A strong demand exists in the public sector and private industry for understanding of aquatic systems. The undergraduate certificate in water sciences is designed to provide students with a working knowledge of both the quality and quantity of water in the environment, and modern techniques to assess, model, and remediate aquatic environmental problems, and understand the social context and implications of water resources.

The certificate program consists of five courses with a total of 15-17 credit hours, and is an excellent complement to undergraduates pursuing careers in natural resources or environmental fields.

1. Group I. Required courses (6):
    - GEOG 4646 Water Resources (3)
    - GEOG 4650 Surface Water Hydrology (3) or GEOL 4007 Hydrogeology (3)
2. Group II. Select two courses from the following options (6-7):
    - BIOL 4451 Aquatic Pollution and Toxicology (4)
    - GEOG 4650 Surface Water Hydrology (3) (if not taken in Group I)
    - GEOL 4007 Hydrogeology (3) (if not taken in Group I)
    - GEOL 4003 Aqueous Geochemistry (3)
    - GEOL 4008 Rock Fracture and Fluid Flow (3)
    - GEOG 4642 Advanced Weather and Climate (3)
    - GEOG 4784 Global Climate Change (3)
3. Group III. Select one course below or an additional course from Group I or Group II (3-4)
    - GEOG 4640 Geomorphology (3)
    - GEOL 4017 Environmental Geology (3)
    - GEOG 4530 Introduction to Remote Sensing (4)
    - GEOL 4042 Environmental Instrumentations (4)

Students interested in this certificate should contact the Undergraduate Director in Geosciences to enroll in the program. Courses that apply to a degree program in Geosciences also may be used in support of the certificate; however, only one course can be applied to two different certificates.

Residency Requirement

A minimum of 39 semester hours in courses 3000 and higher must be completed in residence at Georgia State University with an average of C or higher. At least 50% of the Area G courses must be completed at Georgia State University.

Honors College

The Department of Geosciences encourages qualified students to participate in the Georgia State Honors College. Please contact the Undergraduate Director for more details on the Honors College experience in our department including course offerings, research opportunities, and theses.

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the Undergraduate Director for the specific criteria for this honor.

3300 German

Programs Offered:

- **Bachelor of Arts in German**
  - **Concentration in Language, Culture, and Society**
  - **Concentration in Foreign Language Education**
  - **Concentration in Language and International Business**
- **Bachelor of Arts in International Economics and Modern Languages**
- **Minor in German**
- **Certificate of Language Ability in German**

Department of World Languages and Cultures
19th Floor, 25 Park Place Bldg.
404-413-5980
wlc.gsu.edu

William Nichols, Chair
Germán Torres, Associate Chair
Faye Stewart, Undergraduate Director
Robin Huff, German program coordinator

The Department of World Languages and Cultures serves a threefold purpose: to encourage an appreciation of humanistic values through the study of world languages, literatures, and cultures; to teach world 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 world language needs of the governmental, business, and professional communities.

The department recognizes that an active command of a world languages and a thorough exploration of related cultures 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 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.

The department sponsors two Freshman Learning Communities each year. One group is designed for students interested in using their world language in international business. The other, sponsored jointly by the Department of Applied Linguistics/ESL, is in Language Studies.

For students who hope to teach at the K-12 levels, the department offers a concentration that leads to certification in German.

For students who view language study as a preparation for a career in the business world, the department has two special programs: a concentration in the business language of German, and a practicum in an internationally oriented business or service organization in the metro area for qualified and interested students in their senior year. The department also offers the Bachelor of Arts Major in International Economics and Modern Languages (IEML), in collaboration with the Andrew Young School of Policy Studies.

All German majors are encouraged to consult regularly with their academic advisor in designing and following a program of study that fits their own career objective and the requirements of their particular concentration.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

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 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

Lab fees are assessed automatically for students who register for certain courses. As a result, students will no longer be required to purchase lab fee cards. For more information, please feel free to contact the department or review the GoSolar or catalog course listings to determine if a course includes a lab fee.

B.A. in German

Area F: Courses Appropriate to the Major (18)

1. Required courses (0-9):
    - GRMN through the 2002 level (0-9)
      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.
2. Select additional elective courses from the following to complete 18 hours in Area F:
    - Any courses in other world languages
    - AL 2101, AL 2102, ANTH 1002, ANTH 2020, AH 1700, AH 1750, ART 1301, ECON 2105 , ECON 2106, ENGL 2110, ENGL 2120, ENGL 2130, EDUC 2110, EDUC 2120, EDUC 2130, GEOG 1101, HIST 1111, HIST 1112, FLME 1010, JOUR 1010, [MUSC 1301],

PHIL 2010, POLS 2401, THEA 1301, WGSS 2010

Area G: Major Requirements (30)

The major in German consists of 30 hours (10 courses) on the 3000/4000 level. Prerequisite for all courses on the 3000 level is Grmn 2002. Prerequisite for all courses at the 4000 level is the completion of at least 3 of the 4 courses at the 3000 level.

1. Required Course to fulfill CTW requirement (6)
    - GRMN 3301 Advanced German I-CTW (3)
2. Major Requirements (9)
    - GRMN 3302 Advanced German II (3)
    - GRMN 3311 Stories and Histories (3)
    - GRMN 3313 Introduction to German Cultural Studies (3)
3. Concentration Courses (21)
    - Language, Culture, and Society Concentration
        - GRMN 4411 Crossing Borders: German and Culture (3)
        - GRMN 4413 Screen Cultures: German Film and Media Studies (3)
        - GRMN 4421 Introduction to German Civilization (3)
        - Select three additional courses in German at the 4000 level (9)
    - 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 three additional courses in German at the 4000 level (9)

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 "World Language Education Concentration" above and the following methodology courses in the Department of World Languages and Cultures: FORL 3022, FORL 4021, FORL 4025, FORL 4026, and FORL 4030. All students will register for Opening School Experience (FORL 4650) and Student Teaching (FORL 4061, FORL 4062, FORL 4063).

All students seeking certification in German must pass EXC 4020 in the College of Education and Human Development with a grade of C or higher.

Students must apply formally and be admitted to the Teacher Education program in world languages. For the application forms, please go to the Department of World Languages and Cultures' website under Teacher Certification and then Program Information. To apply, students must have:

- earned a 2.5 overall cumulative GPA,
- passed [Combined Test I, II, and III (700)] or been exempted from the GACE Program Admission Assessment. When registering for the assessment, program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment.; and
- completed the Georgia Educator Ethics – Program Entry (350) Assessment; though there is no

"Pass/Fail" grade assigned. Program entry candidates must add your program provider (Georgia State University) as a score recipient when you register or we will not receive notification that you have completed the assessment.

To qualify for the Student Teaching experience, students must receive a grade of B or higher on a departmental test of oral and written proficiency in their target languages. Specific information about date and place of these exams is available in the department office.

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

Pre-Service Certificate

Upon admission to a teacher education program, students will be contacted by the college advisement/admissions office and provided with instructions to claim enrollment in their program and submit a GaPSC Pre-Service Certificate Application. The pre-service certificate is required for placement in required field experiences or clinical practice.

Georgia Assessments for the Certification of Educators (GACE)

The state of Georgia requires such candidates to take various GACE and Educator Ethics assessments as part of the educator certification process. These computer-delivered assessments have been developed by the Georgia Professional Standards Commission (GaPSC) and are delivered by the Education Testing Service (ETS). You will take these tests at different times.

Program Admission and Content Assessments: Program Admission Assessment [Combined Test I, II, and III (700)] is an admission requirement (unless candidate meets qualifications for exemption – scroll down to "Options to Satisfy the Program Admission Assessment Requirement"). When registering for the assessment, program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment.

Content Assessment (different content assessments for each program) tests your content knowledge and is taken after enrollment and prior to program completion. You will receive specific information regarding this test as you near completion of your program (required for certification).

Georgia Educator Ethics Assessment: Georgia Educator Ethics – Program Entry (350) Assessment is an admission requirement. Completion of this assessment is required for admission, though there is no "Pass/Fail" grade assigned. Program entry candidates must add your program provider (Georgia State University) as a score recipient when you register or we will not receive notification that you have completed the assessment.

edTPA

edTPA is a preservice assessment process designed by educators to answer the essential question: "Is a new teacher ready for the job?" edTPA includes a review of a teacher candidate's authentic teaching materials as

the culmination of a teaching and learning process that documents and demonstrates each candidate's ability to effectively teach his/her subject matter to all students.

edTPA is a program completion and teacher certification requirement. Students may graduate from the program while continuing to complete teacher certification requirements for edTPA.

Language and International Business Concentration

- GRMN 4422 Contemporary Germany (3)
- GRMN 4431 German for International Business I (3)
- GRMN 4432 German for International Business II (3)
- Select three additional courses in German at the 4000 level (9)

Area H: Minor and Additional Courses

1. World language majors are not required to take a minor. World 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.

Critical Thinking Through Writing Requirement

As of summer 2015, all students are required to complete one Critical Thinking Through Writing (CTW) course as part of the major. The university formerly required two CTW courses. Students following previous catalog requirements who have passed one CTW course in the major should consult with their senior academic advisor to determine which courses may be used as a substitution for the other formerly required CTW course. Information on senior advisement in the Office of Academic Assistance is available at cas.gsu.edu/undergraduate/senior-advisement-90-credit-hours/.

Bachelor of Arts in International Economics and Modern Languages

Students majoring in the IEML program with a German concentration should contact the Andrew Young School of Policy studies for advisement. Information for this program is available at 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)

1. Required Courses (15):
    - ECON 2105 Principles of Macroeconomics (3)
    - ECON 2106 Principles of Microeconomics (3)
    - MATH 1070 Elementary Statistics (3)
    - GRMN 2001 Intermediate German I (3)
    - GRMN 2002 Intermediate German II (3)
2. Select additional 1000/2000-level elective courses from Areas A-E to complete 18 hours in Area F.

Students who have not already attained elementary-level proficiency in German will be required to take prerequisite courses (GRMN 1001 and/or [GRMN 1002]). In that case, the 1002 language course may be used to satisfy 3 credit hours of core requirements in Area C.

Students who have already attained intermediate-level competency in German may substitute 1000/2000-level courses in another language for GRMN 2001/GRMN 2002 upon approval of the Department of World Languages and Cultures advisor.

Area G:

Required Courses to fulfill CTW requirement (6)

- GRMN 3301 Advanced German I-CTW (3)
- ECON 3900 Macroeconomics-CTW (3)

Economics Common Core Curriculum (21) A minimum grade of C is required for all courses in this area.

- ECON 3910 Microeconomics (3)
- ECON 4600 Economic Development (3)
- ECON 4800 International Trade (3)
- ECON 4810 International Finance (3)
- Choose 3 elective 4000-level Econ courses (9)

Area H: Modern Languages Common Core (21) A minimum grade of C is required for all courses in this area.

- GRMN 3301 Advanced German I-CTW (3)
- GRMN 3302 Advanced German II (3)
- GRMN 3311 Introduction to Reading German Literature (3)
- GRMN 3313 Introduction to German Cultural Studies (3)

- GRMN 4431 German for International Business I (3)
- GRMN 4432 German for International Business II (3)
- Choose one of the following two courses (3)
    - GRMN 4422 Contemporary German (3)
    - GRMN 4435 Techniques of Translation (3)

Area I: Electives (12) Choose any four 3000/4000-level courses, in consultation with the faculty advisor.

Minor in German

Students who wish to minor in German must take 15-18 hours in German, including at least nine semester hours at the 3000 level or above. Students taking more than 15 hours of courses in the language may count the additional hours toward their electives or may consider completing a double major. A grade of C or higher is required in all courses counting toward the minor.

Certificate of Language Ability in German

A strong demand exists by employers for candidates to offer credentials to verify language proficiency in both oral and written communication. The undergraduate Certificate of Language Ability is designed for students to offer tangible proof of their language abilities and makes an ideal complement to other areas of study such as business, international relations, public health, criminal justice, hospitality, and more.

The certificate consists of 12 credit hours at the 2000 and 3000 level (a minimum of 6 must be at the 3000 level), with a B or higher in the first attempt at each course. Courses retaken using the university Repeat to Replace policy are not counted as first attempts.

- At the 2000-level, students may enroll in GRMN 2001 and GRMN 2002.
- At the 3000-level, students may enroll in GRMN 3301 and GRMN 3302.

Graduation with Distinction in the Major

This department offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the department undergraduate director for the specific criteria for this honor.

3310 Gerontology

Program Offered:

- **Bachelor of Interdisciplinary Studies with a Concentration in Gerontology**
- **Certificate in Gerontology**

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

Elisabeth Burgess, Director
Chivon A. Mingo, Director of Undergraduate Studies

The Gerontology Institute offers a Bachelor of Interdisciplinary Studies (BIS) in Gerontology and an Undergraduate Certificate in Gerontology. Gerontology is an Interdisciplinary discipline that encompasses the biological, psychological, and social aspects of aging. The Gerontology program is designed to provide students with an opportunity to gain foundational, contextual, and interactional competencies in Gerontology that will support their future goals of engaging in professional careers in aging that would ultimately enhance an aging society.

The BIS in Gerontology will provide undergraduate students an opportunity to gain knowledge of aging across the life course through a diverse perspective. Gerontology-related courses are designed to draw on a variety of disciplines to expose students to the issues, knowledge, and research about aging processes, older people, and the complex needs of our rapidly aging society. The overarching objective is to offer a major that will provide students with a gerontological knowledge base and skills that will prepare them for career opportunities in the field of aging (e.g., 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) and/or admission to graduate and professional degree programs (e.g., such as gerontology, medicine, nursing, psychology, public administration, sociology, and social work) in which they plan to pursue a specialization in gerontology. Students interested in pursuing the BIS in Gerontology major can select either the Behavioral and Social Sciences or Health and Health Services Allied Field.

The Undergraduate Certificate in Gerontology gives students throughout the university the option of combining their existing major of study with an emphasis in gerontology. This certificate is designed to support students who have an interest in adding an aging focus to their declared major. The certificate curriculum provides an overview of biological, psychological, and sociological aspects of aging; health care and social service programs for older persons; and contemporary aging policy issues.

Both the BIS in Gerontology and the Undergraduate Certificate in Gerontology include an internship experience that will allow students to gain specialized skills needed to live and work in today's aging society. For more information visit gerontology.gsu.edu

B.I.S. with a Concentration in Gerontology

Program Admission

Students may enroll in a concentration upon admission to Georgia State University. Students who wish to change their major to this degree program should select a concentration in consultation with their academic advisor and the faculty coordinator. A 2.0 Georgia State University GPA is required.

Students who enroll in a concentration will be required to submit a course plan checklist to demonstrate their understanding of the degree requirements. It is highly recommended that students develop a course of study with their specific faculty coordinator before taking coursework in the degree program to avoid taking courses that will not count towards graduation.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

Program Degree Requirements

Please refer to the Bachelor of Interdisciplinary Studies section 3030 of this catalog for academic regulations for this program.

Students must complete coursework in at least three disciplines (defined by course prefixes) in Area G and in at least two disciplines in Area H. Areas G and H should be constructed so that students take courses in distinct disciplines in each area (with some overlap expected); that is, the same prefix should not predominate in both Area G and H.

In addition, Per Georgia State University's requirements, all undergraduate students must satisfy a common core curriculum. The requirements can be found in the current university Undergraduate Catalog (see sections 3030 and 1400).

Area F: Courses appropriate to the major (18)

1. Required Courses (3-6)
    - GERO 2000 Introduction to Gerontology (3)
    - PSYC 1101 Introduction to General Psychology (3) (if not taken in Area E)
2. World language at the 1002 or higher level (3)
3. Select additional courses as necessary from the following to complete 18 hours in Area F:
    - 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)
    - ANTH 2010 Introduction to Biological Anthropology (3)
    - ANTH 2020 Introduction to Cultural Anthropology (3)
    - BIOL 1103K Introductory Biology I (4)
    - BIOL 1104K Introductory Biology II (4)
    - BIOL 2110K Human Anatomy and Physiology I (4)
    - BIOL 2120K Human Anatomy and Physiology II (4)
    - BIOL 2107K Principles of Biology I (4)
    - BIOL 2108K Principles of Biology II (4)

- BIOL 2240 Introduction to Human Physiology (3)
- BIOL 2300 Microbiology and Public Health (3)
- BIOL 2310 Microbiology and Public Health Lab (2)
- CHEM 1151K Survey of Chemistry I (4)
- CHEM 1152K Survey of Chemistry II (4)
- CHEM 2100 Intermediate Organic Chemistry Lab I (2)
- CHEM 2400 Organic Chemistry I (3)
- CHEM 2410 Organic Chemistry II (3)
- ECON 2100 Global Economics (3)
- ECON 2105 Principles of Macroeconomics (3)
- ECON 2106 Principles of Microeconomics (3)
- EPY 2050 Human Growth and Development (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)
- MATH 1070 Elementary Statistics (3)
- MATH 1101 Introduction to Mathematical Modeling (3)
- MATH 1111 College Algebra (3)
- MATH 1113 Precalculus (3)
- MATH 1220 Survey of Calculus (3)
- MATH 2211 Calculus of One Variable I (3)
- MATH 2201 Calculus for the Life Sciences (3)
- NURS 2010 Health and Human Development Across the Lifespan (3)
- [PH] 2000 Introduction to Public Health (3)
- [PHYS] 2211K Principles of Physics I (4)
- [PHYS] 2212K Principles of Physics II (4)
- POLS 2101 Introduction to Political Science (3)
- POLS 2401 Global Issues (3)
- PSYC 1100 Introduction to Biological Psychology (3)
- PSYC 2040 Introduction to Applied Psychology (3)
- PSYC 2050 Introduction to Drugs and Behavior (3)
- PSYC 2103 Introduction to Human Development: Individual and Family Issues (3)
- PHYS 1111K Introductory Physics I (4)
- [PHYS 1112 K] Introductory Physics II (4)
- [SNHP 2010] Medical Terminology for Healthcare (3)
- SOCI 1101 Introductory to Sociology (3)
- SOCI 1160 Introduction to Social Problems (3)
- SCOM 1010 Voice and Articulation (3)
- SCOM 1500 Public Speaking (3)
- SW 2000 Introduction to Social Work (3)
- WGSS 2010 Introduction to Women's Gender and Sexuality Studies (3)

Area G: Area of Concentration – Gerontology (27-29)

Interdisciplinary Course Selection

Students must complete coursework in at least three disciplines (defined by course prefixes) in Area G.

Students are strongly encouraged to take the statistics and methods courses in sequence. Specifically, a course in section 1 below should be taken prior to the course selected in section 2 below. Several courses in section 2 have a prerequisite from section 1, and in this case sequencing is not optional. Students may not take courses in section 1 and 2 below during the same term.*

1. Select One Course (3-4)
    - PSYC 3510 Introduction to Research Design and Data Analysis (4)
    - SOCI 3010 Social Statistics (3)
    - SW 3500 Methods of Social Work Research (3)
2. Select One Course (3-4)
    - AAS 3980 Research Methods in African Americans Studies (CTW) (3)
    - PSYC 3530 Advanced Research Design and Analysis (CTW) (4)
    - SOCI 3020 Social Research Methods (CTW) (3)
3. Required Courses (21)
   See "Interdisciplinary Course Selection" guidance above.

    - GERO 3124/SOCI 3124 Diversity and Aging (3)
    - GERO 4110/SOCI 4110 Aging Policy and Services (3)
    - GERO 4116/SOCI 4116 Aging and Society (3)
    - GERO 4200/[SNHP 4200] Health and the Older Adult (3)
    - GERO 4610/PSYC 4610 Psychology of Aging (3)
    - GERO 4910 Gerontology Internship (3) (Research or Applied)
    - Select one course:
        - GERO 4995 Directed Readings BIS (CTW) – Gerontology Senior Seminar (3)
        - GERO 4850 Senior Seminar in Gerontology (3)

Area H: Allied Field – Behavioral and Social Science (15)

Students must complete coursework in at least two disciplines (defined by course prefixes) in Area H.

1. Select Five Courses (15)
    - AAS 3000/SOCI 3162 African American Family (3)
    - AAS 3050/PSYC 3520 Introduction to African American Psychology (3)
    - AAS 4000/SOCI 4310 Issue in the African-American Community (3)
    - ANTH 4460 Health and Culture (4)
    - CHEM 3110 Intermediate Organic Chemistry Lab II (2)
    - CHEM 3400 Structure and Reactivity of Biomolecules (3)
    - CHEM 4600 Biochemistry I (5)
    - PMAP 3011 Policy and Politics in the American City (3)
    - PMAP 3021 Citizenship, Community, and the Public Sector (3)
    - PMAP 3210 Introduction to Nonprofits (3)
    - PMAP 3231 Nonprofit Leadership and Management (3)
    - POLS 3110 State Government (3)
    - POLS 3145 Introduction to American Law (3)
    - POLS 3170 American Legislative Process (3)
    - PSYC 3140 Abnormal Psychology (3)
    - PSYC 3450 Health Psychology (3)

- PSYC 4020 Social Psychology (3)
- PSYC 4030 Cross Cultural Psychology (3)
- PSYC 4040 Developmental Psych (3)
- PSYC 4100 Cognitive Psychology (3)
- PSYC 4120 Learning Psychology (3)
- PSYC 4160 Theories of Personality (3)
- PSYC 4510 Community Psychology (3)
- RELS 3060 Religion and Science (3)
- RELS 4240 Death and the Afterlife (3)
- RELS 4250 African American Religion (3)
- SCOM 3000 Phonetics (3)
- SCOM 4400 Development of Communication and Language Across the Lifespan (3)
- SCOM 4410 Communication Disorders (3)
- SCOM 4560 Health Communication (3)
- SOCI 3030 Sociological Theory (3)
- SOCI 3040 Cognition and Society (3)
- SOCI 3101 Families and Society (3)
- SOCI 3156 Sexuality and Society (3)
- SOCI 3212 Race an Ethnic Relations (3)
- SOCI 3340 Population Problems (3)
- SOCI 4230 Sociology of Health and Illness (3)
- SOCI 4366 Law and Society (3)
- SW 3000 Cultural Diversity (3)
- SW 4320 Social Work Administration (3)
- SW 4330 Contemporary Health Challenges (3)
- SW 4440 Global Social Work Practice, Policy, Research (3)
- SW 4460 Aging Practice, Policy and Research (3)
- SW 4480 Disabilities Practice, Policy, and Research (3)

Or

Area H: Allied Field – Health and Health Services (15)

Students must complete coursework in at least two disciplines (defined by course prefixes) in Area H.

1. Select Five Courses (15)
    - ANTH 4460 Health and Culture (4)
    - ECON 4210 Health Economics (3)
    - ECON 4350 Economics of Poverty and Public Policy (3)
    - HA 3950 Health Economics and Financing (3)
    - HA 445 Legal Concepts in Healthcare (3)
    - KH 3360 Disability, Sport, and Physical Activity (3)
    - KH 3600 Biomechanics (3)
    - KH 3610 Motor Learning and Development (3)
    - KH 3650 Physiology of Exercise (3) (CTW)
    - KH 3710 Health Risk Behaviors (3) (CTW)
    - NURS 3200 Introduction to Clinical Nutrition (2)

- NUTR 3105 Normal Nutrition through the Life Cycle (3)
- NUTR 4955 Nutrition and Food Policy (3)
- PH 3001 Introduction to Epidemiology (3)
- PH 3004 Chronic Disease Epidemiology (3)
- PH 4300 Introduction to Controversies in Public Health (3)
- [PT 3000] Introduction to Physical and Occupational Therapy Practice (3)
- [PT 3660] Complementary and Alternative Therapies (3)
- RT 3005 Clinical Cardio Physiology (3)
- RT 3027 Pulmonary Disease (4) (CTW)
- RT 3040 Respiratory Care Pharmacology (3)
- RT 4020 Neurobiology of Sleep (3)
- RT 4096 End of Life Issues (1)
- [SNHP 3000] Communication and Cultural Diversity (3)
- [SNHP 3100] Electronic Health Records (3)
- [SNHP 3010] Advanced Medical Terminology (3)
- [SNHP 4010] Leadership and Ethics in Healthcare (3)
- [SNHP 4110] Future Trends-Telemedicine, Telehealth (3)
- SCOM 4560 Health Communication (3)
- SW 4320 Social Work Administration (3)
- SW 4330 Contemporary Health Challenges (3)
- SW 4440 Global Social Work Practice, Policy, Research (3)
- SW 4460 Aging Practice, Policy and Research (3)
- SW 4480 Disabilities Practice, Policy, and Research (3)

Courses selected within Area H: Allied Field – Health and Health Services may require authorization from the instructor prior to registration.

Area J: Electives

Students take elective courses beyond those specified in Areas A-H to reach the 120 hours needed to earn a bachelor's degree (including 39 hours at the 3000-4000 level taken at Georgia State University). The following courses are recommended as elective options for students pursuing the BIS with a concentration in Gerontology if additional hours are needed to reach 120 hours.

- GERO 4119 Global Aging and Families (3)
- GERO 4122 Death, Dying and Loss (3)
- GERO 4130 Family, Intimacy, and Aging (3)
- GERO 4475 Communication and Aging (3)
- GERO 4700 Special Topics in Gerontology (3)
- GERO 4800 Directed Study in Gerontology (3)
- SW 4460 Aging Practice, Policy and Research (3)
- Any course listed in Area H not taken to meet Area H requirements

Graduation with Distinction in the Major

This program offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the undergraduate director for the specific criteria for this

honor.

Undergraduate Certificate in Gerontology

Program Admission

To be admitted to the undergraduate Certificate in Gerontology, students must be regularly enrolled in a degree program at Georgia State University. Students are required to submit an application to the certificate program obtained from the Gerontology Institute and have a minimal institutional GPA of 2.0.

Program Degree Requirements

To receive the undergraduate Certificate in Gerontology, students must complete the following 18-semester-hour curriculum with a grade of C or higher on all course work.

Undergraduate Certificate in Gerontology

1. Required courses (9):
    - GERO 2000 Introduction to Gerontology (3)
    - Select two of the following required courses (6):
        - GERO 4116 Aging and Society (3)
        - GERO 4200 Health and the Older Adult (3)
        - GERO 4610 Psychology of Aging (3)
2. Select one course (3):
    - GERO 4110 Aging Policy and Services (3)
    - SW 4460 Aging Practice, Policy and Research Issues (3)
3. Select one course (3):
    - GERO 3124 Diversity and Aging (3)
    - GERO 4110 Aging Policy and Services (3) (if not taken in section 2 above)
    - GERO 4116 Aging and Society (3) (if not taken in section 1 above)
    - GERO 4119 Global Aging and Services
    - GERO 4122 Death, Dying, and Loss (3)
    - GERO 4130 Family, Intimacy, and Aging (3)
    - GERO 4200 Health and the Older Adult (3) (if not taken in section 1 above)
    - GERO 4475 Communication and Aging (3)
    - GERO 4610 Psychology of Aging (3) (if not taken in section 1 above)
    - GERO 4700 Selected Topics in Gerontology (3)
    - GERO 4800 Directed Study in Gerontology (3)
    - SW 4460 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)

3315 Global Studies

Program Offered:

- **Bachelor of Interdisciplinary Studies with a Concentration in Global Studies**

25 Park Place, 18th floor
404-413-6645
gsi.gsu.edu

Anthony Lemieux, Director
Jennie Burnet, Associate Director and Director of Undergraduate Studies

The Global Studies Institute brings together different academic disciplines to tackle pressing problems in today's world. We are a diverse group of researchers, including political scientists, psychologists, anthropologists, geographers, environmental policy experts, sociologists, and social psychologists. We are united by a deep concern to address critical global issues through our research and teaching.

The Global Studies Institute offers a Bachelor of Interdisciplinary Studies (B.I.S.) with a concentration in Global Studies. The degree prepares students to be globally aware in their chosen careers. Students develop a broad set of perspectives and skills. Our aim is to equip students with the knowledge and abilities needed to be successful in today's fast-moving and inter-connected world. We offer students courses on critical issues like conflict, terrorism, peace building, water access, urbanization, and global cities. In addition to focusing on global issues, students develop deep regional knowledge of the world. Students are encouraged to pursue world language study at an advanced level.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

Bachelor of Interdisciplinary Studies students should also consult regularly with the director of undergraduate studies for the specific program regarding course selection, program plans, experiential learning, and other academic opportunities.

Program Admission

Students may enroll in a concentration upon admission to Georgia State University. Students who wish to change their major to this degree program should select a concentration in consultation with their academic advisor and the faculty coordinator. A 2.0 Georgia State University GPA is required.

Students who enroll in a concentration will be required to submit a course plan checklist to demonstrate their understanding of the degree requirements. It is highly recommended that students develop a course of study with their specific faculty coordinator before taking coursework in the degree program to avoid taking courses that will not count towards graduation.

We strongly recommend that students decide to become global studies majors early in their sophomore year to maximize the opportunities for experiential learning and study abroad.

Program Degree Requirements

Please refer to the Bachelor of Interdisciplinary Studies section 3030.30 of this catalog for academic regulations for this program.

Students must complete coursework in at least three disciplines (defined by course prefixes) in Area G and in at least two disciplines in Area H. Areas G and H should be constructed so that students take courses in distinct disciplines in each area (with some overlap expected); that is, the same prefix should not predominate in both Area G and H.

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).

In selecting courses for this program, students are responsible for completing any required prerequisites. Courses below marked with an asterisk (*) have prerequisites. Students should ensure that they include prerequisites for selected courses elsewhere in their degree program.

Internship experiences may be undertaken only after completing at least 21 hours of credit in the concentration area.

B.I.S. with a Concentration in Global Studies

Area F: Courses Appropriate to the Major (18)

1. Intermediate World Language (3):
   World language course at the 2001 level or higher.
2. Select additional courses from the following list to complete 18 hours in Area F:
   Pay close attention to prerequisites for courses planned for Areas G and H. No more than two courses (6-8 credit hours) may be completed from the same department without advisor's authorization.

    - Any other world language at the 1001 or 1002 level (not the same language to fulfill no. 1 above)
    - AAS 2010 Introduction to African-American Studies (3)
    - AAS 1140/HIST 1140 Introduction to African and African-American History and Culture (4)
    - ACCT 2101 Principles of Accounting I (3)
    - AH 1750 History of Western Art II (3)
    - AL 2021 Introduction to English Linguistics (3)
    - AL 2101/FORL 2101 Introduction to Language (3)
    - AL 2102/FORL 2102 Languages of the World (3)
    - ANTH 1102 Introduction to Anthropology (3)
    - ANTH 2020 Introduction to Cultural Anthropology (3)

- ANTH 2010 Introduction to Biological Anthropology (3)
- ANTH 2030 Archaeology and Prehistory (3)
- BUSA 2106 The Legal and Ethical Environment of Business (3)
- ECON 2100 Global Economics (3)
- ECON 2105 Principles of Macroeconomics (3)*
- ECON 2106 Principles of Microeconomics (3)*
- ENGL 2110 World Literature (3)*
- ENGL 2120 British Literature (3)*
- GEOG 1112K Introduction to Weather and Climate (4)
- GEOG 1113K Introduction to Landforms (4)*
- GLOS 2030/HIST 2030 Introduction to Asian Studies (3)
- HIST 1111 Survey of World History to 1500 (3)
- HIST 1112 Survey of World History since 1500 (3)
- JOUR 2500 Foundations of Media Research (3)*
- POLS 2401 Global Issues (3)
- PSYC 1101 Introduction to General Psychology (3)
- PSYC 2040 Introduction to Applied Psychology (3)
- PSYC 2107 Introduction to Social Psychology (3)
- RELS 2001 Introduction to World Religions (3)
- SOCI 1101 Introduction to Sociology (3)
- SOCI 1160 Introduction to Social Problems (3)
- SCOM 1000 Human Communication (2)
- WGSS 2010 Introduction to Women's, Gender, and Sexuality Studies (3)

Area G: Major Courses (27-33)

Students must complete coursework in at least three disciplines (defined by course prefixes) in Area G.

All Global Studies students must combine courses from the following categories to achieve a minimum of 27 hours and a maximum of 33 hours. A grade of C or higher is required in all major courses.

1. CTW (3 hours). Students must take the following:
    - GLOS 3000 Foundations in Global Research-CTW (3)
2. Regional Understanding (12-21 hours). Select courses from the following to complete 12-18 hours.
    a. Advanced world language courses at or beyond the 3001 level. If the language is not offered at Georgia State, speak to your advisor about agreements with other USG institutions.
    b. Area Studies Courses:
        - AAS 3120/ANTH 3120 African Diaspora (3)*
        - AAS 4772/HIST 4772/WGSS 4772 Women in Africa (4)
        - AAS 4774/HIST 4774 African Rebellions (4)
        - AAS 4776/HIST 4776 Africa and Hollywood: Myth, Romance, and Savage Imagery (4)
        - AAS 4890/ENGL 3970 Caribbean Literature (3)*
        - AH 4000 African Art (3)
        - AH 4030 Contemporary African Art (3)
        - AH 4310 Art of Northern Europe in the Renaissance Era (3)*
        - AH 4450 Eighteenth-Century European Art (3)*

- AH 4500 Nineteenth-Century European Art (3)*
- AH 4660 Nineteenth and Twentieth-Century Art in Latin America (3)*
- ANTH 3120/AAS 3120 African Diaspora (3)*
- ANTH 4210 The Anthropology of Europe (3)*
- ECON 4610 The Economy of South Africa (3)
- ECON 4620 Economic Studies Abroad South Africa (3)
- ENGL 3965 African Literature (3)*
- GEOG 4402/AAS 4400 Geography of Africa (3)
- GERO 4119/SOCI 4119 Global Aging and Families (3)* (study abroad course)
- GLOS 3100/HIST 3100 Introduction to Global History (3)
- GLOS 3500 Culture and Change in Africa (3)
- GLOS 3515/HIST 3515 North Africa and the World to 1800 (4)
- GLOS 3530/HIST 3530 Europe Since 1789 (4)
- GLOS 3620/HIST 3620 Atlantic World: Encounters, Empires, Diasporas, Revolutions (4)
- GLOS 3630/HIST 3630 Empires in the Modern World (3)
- GLOS 3650/HIST 3650 Africa and the World (4)
- GLOS 3660/HIST 3660 20th Century World History (3)
- GLOS 3700/HIST 3700 China and Japan to 1600 (4)
- GLOS 3710/HIST 3710 China and Japan since 1600 (4)
- GLOS 3720/HIST 3720Colonial Latin America (4)
- GLOS 3730/HIST 3730Latin America since 1810 (4)
- GLOS 3780/HIST 3780/MES 4110 Middle East 600-1800 (4)
- GLOS 3800/HIST 3800 History of India (3
- GLOS 3850/HIST 3850 China, India, and the Modern World Economy (3)
- GLOS 3900/HIST 3900 Human Rights in Historical Perspective (3)
- GLOS 4540/HIST 4540 Britain and the World, 1500-1700 (4)
- GLOS 4551/HIST 4550 Britain and the World since 1700 (3)
- GLOS 4652 Comparative Global Studies (3)
- HIST 3500/MES 3110 The Ancient Mediterranean (4)
- HIST 3510/MES 4125 Medieval Mediterranean/Islamic World (4)
- HIST 3520/GLOS 3520 Early Modern Europe, 1500-1789 (4)
- HIST 3540 Film and the Holocaust (4)
- HIST 3615 The Indian Ocean World (4)
- HIST 3740 Mexico (4)
- HIST 3715 Modern Japan (4)
- HIST 3790/MES 4120 The Middle East since 1800 (4)
- HIST 4510 Origins and Collapse Ancient Near Eastern Societies
- HIST 4520 Ancient Persia, Greece, and Rome (4)
- HIST 4532 Crime, Law and Society in Early Modern Europe (4)
- HIST 4570 France Since 1715 (4)
- HIST 4580 Germany History Since 1900 (4)
- HIST 4600 Russia and the Soviet Union Since 1861 (4)
- HIST 4620 Europe: Culture and Ideas (4)
- HIST 4630 European Intellectual History I: From Medieval to Marx (4)
- HIST 4635 European Intellectual History II: From Marx to Postmodernism (4)
- HIST 4640/SOCI 4640 The Holocaust (3)

- HIST 4690 Topics in European History (3-4)
- HIST 4730 History of Haiti (4)
- HIST 4740 Latin American Revolutions (3)
- HIST 4760 Central and Southern Africa (4)
- HIST 4770 Western Africa (4)
- HIST 4815 Palestine and Modern Middle East (4)
- MES 4210/POLS 4260 Politics of the Middle East and North Africa (3)
- MES 4424/POLS 4423 Middle East in World Affairs (3)*
- MES 4430 Islamic Fundamentalism and the Modern World (3)
- MES 4440/RELS 4570 Special Topics in Islam (3)
- MES 4450/RELS 4580 Life of Muhammad (3)
- POLS 4230 African Politics (3)
- POLS 4240 European Politics (3)*
- POLS 4250 Latin American Politics (3)
- POLS 4255 Politics and Political Economy of East Asia (3)
- POLS 4256 Politics and Political Economy of Japan (3)
- POLS 4257 Chinese Politics (3)
- POLS 4258 Government and Politics of South Asia (3)
- POLS 4465 China in the International System (3)
- RELS 3400 Introduction to Judaism (3)
- RELS 3500 Introduction to Islam (3)
- RELS 3520 Sufism and Islamic Mysticism (3)
- RELS 3530 Muslim Women: Issues and Practices (3)
- RELS 4480 Modern Islam: Traditions and Transformation (3)
- RELS 4485 Ethics and Morality in the Islamic Tradition (3)
- RELS 4610 Hinduism (3)
- RELS 4612 Hindu Sacred Myths and Epics (3)
- RELS 4615 Buddhism (3)
- RELS 4620 Confucianism and Taoism (3)
- RELS 4625 Zen and Shinto (3)
- RELS 4628 Topics in Asian Religion (3)
- WGSS 4240 Sexuality and Gender in Asia (3)*
- WGSS 4770 Gender and Sexuality in the African Diaspora (3)
- WGSS 4846 Gender, War, and Militarism in/and the Middle East (3)*

3. Research/Analytic/Writing Skills (3-9 hours)
   Select additional courses from the following to complete 6-9 hours. Other relevant courses may be by the faculty advisor:

- AAS 3980 Research Methods in African American Studies-CTW (3)*
- AL 4151 Communication Across Cultures-CTW (3)*
- ANTH 3033 Anthropology of Violence-CTW (3)*
- ANTH 4340 Applied Anthropology (3)*
- ANTH 4480 Ethnography Into the 21st Century (4)*
- ANTH 4670 Methods in Sociocultural Anthropology (3)*
- ANTH 4970 Senior Seminar in Anthropology-CTW (3)*
- CRJU 3020 Research Methods in Criminal Justice (3)
- ECON 3900 Macroeconomics-CTW (3)*

- ECON 4230 Experimental Economics (3)*
- ECON 4950 Econometrics and Applications (3)*
- ENGL 4521 Archival Research Methods (3)*
- GEOG 4515 Qualitative Methods in Geography (3)*
- GEOG 4520 Quantitative Spatial Analysis (3)*
- GEOG 4518 Digital Cartography (3)
- GEOG 4532 Geographic Information Systems (4)
- GEOG 4764 Urban Geography CTW (3)
- GEOG 4784 Climatic Change CTW (3)*
- GLOS 4651 Special Topics in Global Studies CTW (3)
- GLOS 4990 Topics in International Development Methods (1-3)
- HIST 3000 Introduction to Historical Studies-CTW (4)
- HIST 4990 Seminar in Historical Research-CTW (4)*
- MATH 4547 Introduction to Statistical Methods (3)*
- MATH 4548 Methods of Regression and Analysis of Variance (3)*
- MUS 4820 World Music-CTW (3)
- POLS 3800 Introduction to Political Research-CTW (3)
- POLS 3805 Survey Research Methods (3)*
- PSYC 3510 Introduction to Research Design and Analysis (4)*
- PSYC 3530 Advanced Research Design and Data Analysis-CTW (4)*
- SCOM 3050 Speech Communication Research Methods (3)*
- SOCI 3010 Social Statistics (3)*

4. Experiential Learning (3-9 hours):
   A minimum of 3 credit hours of designated experiential learning courses must be completed as part of the degree program. Additional credit hours of experiential learning may be counted in other relevant areas of the degree program pending approval by a faculty advisor in the Global Studies Institute.

   a. Honors Thesis Research and Writing in Global Studies or any other Arts and Sciences department:
      - GLOS 4870 Honors Thesis: Research (3)
      - GLOS 4880 Honors Thesis: Writing (3)
      - XXXX 4870 Honors Thesis: Research (3)
      - XXXX 4880 Honors Thesis: Writing (3)
   b. Other Regular Courses from Arts & Sciences Departments:
      - ANTH 4550 Field School in Anthropology (3)*
      - ANTH 4830 Anthropology Internship (3)*
      - ANTH 4850 GSU Exchange/Non-GSU Exchange (3)*
      - GLOS 4550 Domestic Field School (3)*
      - GLOS 4560 International Field Experience (3)*
      - GLOS 4760 Research Practicum (3)*
      - GLOS 4761 Directed Study Global Studies (1-3)
      - GLOS 4910 Internship Global Studies (3)*
      - GLOS 4996 Study Abroad: European Studies in Strasbourg, France (3)
      - HIST 4990 Historical Research-CTW (4)*
      - JOUR 4980 Internship (3)*
      - MES 4230/POLS 4952 Model Arab League (3)*

- MES 4580 Middle East Studies Internship (3)*
- MES 4890 Independent Study (3)*
- POLS 4424 Regional Organization Simulation [Model Arab League] (3)
- POLS 4426 International Organization Simulation [Model United Nations] (3)
- POLS 4900 Senior Seminar (3)*
- POLS 4930 Legislative Internships (3)
- POLS 4935 Urban Politics Internship (3)
- POLS 4940 Internships (3)
- POLS 4945 Experiential Learning (3)
- POLS 4951 Model United Nations (3)
- POLS 4955 Mock Trial (3)*
- RELS 4400 Internship in Religious Studies (3)
- SOCI 4980 Internship (3)
- SPAN 3395 Study Abroad (Human Rights, Historical Memory, and Democracy in Spain) (3)
- SCOM 4980 Internship (3)
- THEA 4980 Internship (3)*
- WGSS 4760 Activism: History and Theory (3)*

c. Study Abroad:
- Credit hours from any GSU-sponsored study abroad program.
- Non-GSU study abroad programs may also count with preapproval from a Global Studies Institute faculty advisor.

Area H: Thematic Allied Fields (15-21 hours)

Students must complete coursework in at least two disciplines (defined by course prefixes) in Area H.

Students select one of the thematic allied fields listed below. Then, choose courses from the pre-approved list below or other appropriate courses in consultation with the faculty advisor.

1. Conflict, Violence, and Peace-Building:
    - AAS 4620 Enslavement and Resistance in the Americas (3
    - ANTH 3033 Anthropology of Violence-CTW (3)*
    - ANTH 4020 Anthropological Theory (4)*
    - ANTH 4112 Modernity and Identity (4)
    - ANTH 4114/GLOS 4114 Language and Social Justice (4)
    - ECON 4750 Introduction to Game Theory (3)
    - ENGL 3940 Postcolonial Literature (3)*
    - FORL 3300/ENGL 3800/GRMN 4414/SPAN 4480/FREN 4414 special topic (Representations of the Holocaust in Literature and Film) (3)
    - GLOS 3660/HIST 3660 20th Century World History (3)
    - GLOS 4211 Psychology of Terrorism (3)
    - GLOS 4215/POLS 4215 Politics of Peace (3)
    - GRMN 4422 Contemporary Germany: Civilization 1871-present
    - HIST 3540 Film and the Holocaust (4)
    - HIST 3625 War in Europe and America Since 1500 (4)
    - HIST 3640 Piracy from ancient to modern (4)

- HIST 4640/SOCI 4640 The Holocaust (3)
- HIST 4900 War in Europe and America since 1500 (4)
- MES 4220/POLS 4285 Politics and Religion in Comparative Perspective (3)*
- POLS 4420 International Law (3)
- POLS 4421 International Organizations (3)*
- POLS 4422 NGOs and World Politics (3)
- POLS 4427 Politics of International Human Rights (3)
- POLS 4470 Causes of War (3)*
- PSYC 4020 Social Psychology (3)*
- PSYC 4030 Cross-Cultural Psychology (3)*
- RELS 4650 Religion and Ethics (3)
- RELS 4680 War, Peace, and Religion (3)
- RELS 4700 The Concept of Origins (3)
- SOCI 3212 Race and Ethnic Relations (3)
- SOCI 3213 Immigration (3)
- SOCI 3220 Activism, Protest, and Revolution (3)
- SOCI 3350 Social Change and The Future (3)
- SOCI 3390 Jerusalem the Politics of Space (3)
- SOCI 4050 Global Perspectives on Violence Against Women (3)
- SOCI 4218 Power and Politics (3)
- WGSS 4760 Activism: History and Theory (3)*
- WGSS 4846 Gender, War, and Militarism in/and the Middle East (3)*

2. Globalization, Power, and Culture:
    - AAS 4620 Enslavement and Resistance in the Americas (3)
    - ANTH 4112 Modernity and Identity (4)
    - ANTH 4114/GLOS 4114 Language and Social Justice (4)
    - ANTH 4040/GLOS 4040 Gender, Race, and Class in Complex Societies (3)*
    - ANTH 4490/GLOS 4490 Anthropology of Globalization (4)*
    - ECON 4600 Economic Development (3)*
    - ECON 4800 International Trade (3)*
    - ECON 4810 International Finance (3)*
    - FLME 4180 International Cinemas (4)*
    - GEOG 4762 Economic Geography (3)
    - GEOG 4778 Political Geography (3)
    - GLOS 3500 Culture and Change in Africa (3)
    - GLOS 3660/HIST 3660 20th Century World History (3)
    - GLOS 4211 Psychology of Terrorism (3)
    - GLOS 4215/POLS 4215 Politics of Peace (3)
    - HIST 3400 History of Sex (3-4)
    - HIST 4230 United States Foreign Relations (4)
    - ITAL 4414 The Boom Years: Literature, Cinema and Art, 1958-1963 (3)*
    - MES 4220/POLS 4285 Politics and Religion in Comparative Perspective (3)*
    - POLS 3400 International Politics (3)
    - POLS 4205 Comparative Democratization (3)
    - POLS 4210 Politics of Developing Nations (3)*
    - POLS 4220 Comparative Legal Systems and Politics (3)
    - POLS 4290 Studies in Comparative Politics (3)*

- POLS 4420 International Law (3)
- POLS 4421 International Organizations (3)*
- POLS 4422 NGOs and World Politics (3)
- POLS 4424 Regional Organization Simulation (Model Arab League) (3)
- POLS 4426 International Organization Simulation (Model United Nations) (3)
- POLS 4427 Politics of International Human Rights (3)
- POLS 4470 Causes of War (3)*
- POLS 4951 Model United Nations (3)*
- POLS 4952 Model Arab League (3)*
- RELS 3270 Religious Traditions of the World (3)
- RELS 4270 Women and Religion (3)
- SOCI 3040 Cognition and Society (3)
- SOCI 3156 Sexuality and Society (3)
- SOCI 3201 Wealth, Power, and Inequality (3)
- SOCI 3212 Race and Ethnic Relations (3)
- SOCI 3216 Gender and Society (3)
- SOCI 3220 Activism, Protest, and Revolution (3)
- SOCI 3356 Queer Identities (3)
- SOCI 4050 Global Perspectives on Violence Against Women (3)
- SOCI 4218 Power and Politics (3)
- WGSS 3030 Introduction to LGBT Studies (3)
- WGSS 3040 Globalization and Gender (3)*
- WGSS 4760 Activism: History and Theory (3)*
- WGSS 4842 Sexuality and Nationalism (3)*
- WGSS 4844 Youth and Sexualities (3)*

3. International Development, Trade, and Urbanization:
    - ANTH 4200 Urban Anthropology (4)*
    - ANTH 4340 Applied Anthropology (3)*
    - ANTH 4490/GLOS 4490 Anthropology of Globalization (4)*
    - ECON 3900 Macroeconomics-CTW (3)*
    - ECON 3910 Microeconomics (3)*
    - ECON 4220 Environmental Economics and Policy (3)*
    - ECON 4300 Economics of Cities (3)*
    - ECON 4350 Economics of Poverty and Public Policy (3)
    - ECON 4400 Public Sector Economics (3)*
    - ECON 4600 Economic Development (3)*
    - ECON 4800 International Trade (3)*
    - ECON 4810 International Finance (3)*
    - GEOG 4420 Urban Environments (4)*
    - GEOG 4538 Urban Health GIS (4)*
    - GEOG 4762 Economic Geography (3)
    - GEOG 4764 Urban Geography-CTW (3)
    - GLOS 3500 Culture and Change in Africa (3)
    - GLOS 3660/HIST 3660 20th Century World History (3)
    - GLOS 4211 Psychology of Terrorism (3)
    - GLOS 4215/POLS 4215 Politics of Peace (3)
    - HIST 4230 United States Foreign Relations (4)

- POLS 3400 International Politics (3)
- POLS 3450 United States Foreign Policy (3)
- POLS 4205 Comparative Democratization (3)
- POLS 4210 Politics of Developing Nations (3)*
- POLS 4220 Comparative Legal Systems and Politics (3)
- POLS 4255 Politics and Political Economy of East Asia (3)
- POLS 4273 Political Economy of Development (3)
- POLS 4290 Studies in Comparative Politics (3)*
- POLS 4421 International Organizations (3)*
- POLS 4422 NGOs and World Politics (3)
- POLS 4430 International Political Economy (3)*
- POLS 4951 Model United Nations (3)*
- SOCI 3130 Sociology of Food (3)
- SOCI 3140 Sociology of HIV/AIDS (3)
- SOCI 3201 Wealth, Power, and Inequality (3)
- SOCI 3212 Race and Ethnic Relations (3)
- SOCI 3213 Immigration (3)
- SOCI 3346 Drug Use and Abuse (3)
- SOCI 4226 Urban Sociology (3)
- SOCI 4230 Sociology of Health and Illness (3)

4. Global Information and Media:
    - AL 4151 Communication Across Cultures (3)*
    - ANTH 4114/GLOS 4114 Language and Social Justice (4)
    - ANTH 4490/GLOS 4490 Anthropology of Globalization (4)*
    - ANTH 4520 Anthropology of Public Culture (3)*
    - ENGL 3940 Postcolonial Literature (3)*
    - FLME 4180 International Cinemas (4)*
    - FLME 4185 Global Media and Culture (3)*
    - FORL 3300/FREN 4414/GRMN 4414/SPAN 4480 Media and Migration: The 'Others' in Literature, Television and Film (3)
    - FREN 4113 French and Francophone Culture and Civilization: Immigration and Identity in Contemporary Francophone Film (3)
    - GLOS 4211 Psychology of Terrorism (3)
    - HIST 3635 Media, Technology, and Popular Culture (4)
    - JOUR 4650/MES 4600 International Communication (3)*
    - JOUR 4665 International Public Relations (3)*
    - POLS 4160 Political Attitudes and Public Opinion (3)
    - POLS 4422 NGOs and World Politics (3)
    - SPAN 4467 Latin American and Latino Film and Video (3)*
    - SPAN 4480 Special Topics (Representations of Violence in Latin American Film) (3)*
    - SPAN 4480 Special Topics (Realism in Latin American Cinema) (3)*
5. Global Health and Environment:
    - AL 4151 Communication Across Cultures (3)*
    - ANTH 4060 Environmental Anthropology (3)*
    - ANTH 4460 Health and Culture (4)*
    - ANTH 4490/GLOS 4490 Anthropology of Globalization (4)*
    - ECON 4210 Health Economics (3)*

- ECON 4220 Environmental Economics and Policy (3)*
- ECON 4350 Economics of Poverty and Public Policy (3)*
- ECON 4600 Economic Development (3)*
- GEOG 4420 Urban Environments (3)*
- GEOG 4538 Urban Health GIS (3)
- GEOG 4642 Advanced Weather and Climate (3)*
- GEOG 4762 Economic Geography (3)*
- GEOG 4778 Political Geography (3)
- GEOG 4764 Urban Geography-CTW (3)
- GEOG 4784 Climatic Change-CTW (3)*
- GERO 4119/SOCI 4119 Global Aging and Families (3) (study abroad course)
- [HIST 34o0] History of Sex (3-4)
- HIST 3410 History of Food (4)
- JOUR 4650/MES 4600 International Communication (3)*
- NUTR 3800 International Nutrition (3)*
- POLS 4210 Politics of Developing Nations (3)*
- POLS 4422 NGOs and World Politics (3)
- SOCI 3130 Sociology of Food (3)
- SOCI 3140 Sociology of HIV/AIDS (3)
- SOCI 3156 Sexuality and Society (3)
- SOCI 3201 Wealth, Power, and Inequality (3)
- SOCI 3340 Population Problems (3)
- SOCI 3346 Drug Use and Abuse (3)
- SOCI 3352 Mental Illness in the U.S. (3)
- SOCI 4050 Global Perspectives on Violence Against Women (3)

6. Human Rights and Democracy:
    - AAS 4550 Activism and the Black Freedom Movement (3)
    - AAS 4620 Enslavement and Resistance in the Americas (3)
    - AAS 4890/ENGL 3970 Caribbean Literature (3)*
    - ANTH 3033 Anthropology of Violence-CTW (3)*
    - ANTH 4370 Forensic Anthropology (3)*
    - ANTH 4040/GLOS 4040 Race, Class and Gender in Global Perspective (3)
    - CRJU 4040 Comparative Criminal Justice Systems (3)
    - ENGL 3940 Postcolonial Literature (3)*
    - ENGL 3945 Literature and Global Conflict (3)*
    - ENGL 3965 African Literature (3)*
    - ENGL 3990 Women's Literature (3)*
    - FORL 3300/ENGL 3800/GRMN 4414/SPAN 4480/FREN 4414 special topic (Representations of the Holocaust in Literature and Film) (3)
    - GEOG 4767 Economic Geography (4)
    - GEOG 4778 Political Geography
    - GLOS 4211 Psychology of Terrorism (3)
    - GLOS 4215/POLS 4215 Politics of Peace (3)
    - GLOS 3900/HIST 3900 Human Rights in Historical Perspective (3)
    - HIST 3540 Film and the Holocaust (4)
    - HIST 4640/SOCI 4640 The Holocaust (4)
    - HON 3260 Honors Colloquium (Trauma And Memory In Post-Dictatorship Argentina) (3)

- PHIL 3720 Contemporary Moral Problems (3)
- PHIL 3855 Topics in Political Theory (3)
- PHIL 4750 Topics in Ethics (3)*
- PHIL 4700 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 Feminist Philosophy (3)*
- POLS 3200 Comparative Politics (3)
- POLS 4131 Civil Liberties and Rights (3)
- POLS 4205 Comparative Democratization (3)
- POLS 4215 Politics of Peace (3)
- POLS 4220 Comparative Legal Systems and Politics (3)
- POLS 4260 Politics of the Middle East and North Africa (3)*
- POLS 4420 International Law (3)
- POLS 4421 International Organizations (3)*
- POLS 4422 NGOs and World Politics (3)
- POLS 4427 Politics of International Human Rights (3)
- POLS 4900 Special Topics (Ethical Concerns in World Politics) (3)
- POLS 4900 Special Topics (The United States and Latin American in World Politics) (3)
- RELS 3270 Religious Traditions of the World (3)
- RELS 4030 Introduction to Human Rights (3)
- RELS 4650 Religion and Ethics (3)
- SOCI 3201 Wealth, Power, and Inequality (3)
- SOCI 3216 Gender and Society (3)
- SOCI 3220 Activism, Protest, and Revolution (3)
- SOCI 3356 Queer Identities (3)
- SOCI 4050 Global Perspectives on Violence Against Women (3)
- SPAN 3395 Study Abroad (Human Rights, Historical Memory, and Democracy in Spain) (3)
- SPAN 4440 Special Topics (El otro entre nosotros: Emigration and Immigration in Contemporary Spain) (3)*
- SPAN 4480 Special Topics (Latino Literature and Culture in the U.S.) (3)*
- WGSS 3030 Introduction to LGBT Studies (3)
- WGSS 3040 Globalization and Gender (3)*
- WGSS 4040 Gender, Race, and Class in Complex Societies (3)*
- WGSS 4050 Global Perspectives on Violence Against Women (3)*
- WGSS 4750 Black Feminist Thought (3)*
- WGSS 4760 Activism: History and Theory (3)*
- WGSS 4770 Gender and Sex in the African Diaspora (3)*
- WGSS 4780 African-American Lesbian and Gay Activism (3)*
- WGSS 4810 Feminism and Foucault (3)*
- WGSS 4842 Sexuality and Nationalism (3)*
- WGSS 4846 Gender, War, and Militarism in/and the Middle East (3)*

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the undergraduate director for the specific criteria for this honor.

3320 History

Programs Offered:

- **Bachelor of Arts in History**
  - **Concentration in Pre-Education**
  - **Concentration in Pre-Law**
- **Minor in History**
- **Dual B.A./M.A. in History**
- **Dual B.A. in History and Master of Historic Preservation**

Department of History
20th floor, 25 Park Place Bldg.
404-413-6385
history.gsu.edu

Michelle Brattain, Chair
Robert Baker, Undergraduate Director

Historians study various aspects of humanity's recorded past. Some historians explore the rise and fall of empires, while others describe the everyday lives of men and women. They are interested in every period of the past and all parts of the world. Historians also examine the principles and theories that influence the writing of history. They seek to understand the forces that have structured human life and the ideas that have shaped the way people perceive and experience their worlds. Historians are concerned with change and continuity within societies and interactions among cultures. Historians pay particular attention to the effect of perspectives and values because their discipline involves the interpretation of findings, not just the collection of facts. History can teach us many lessons, not simply about our past but also about the paradoxes and potentials of our present.

The Department of History offers a wide range of courses in African, Asian, European, Latin American, Middle Eastern, and United States history. Arranged in three levels — introductory, intermediate, and advanced — these courses afford students an opportunity not only to become familiar with a body of historical knowledge but also to enhance their skills as readers, discussants, writers, and researchers. Because it emphasizes analytic and critical thinking, history prepares students for further professional training in education, international studies, journalism, law, politics, and public policy, and for all manner of careers. All students can benefit from the insights history provides into the human condition.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

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. However, students enrolling in the dual degree BA/MA program may elect to substitute a graduate level research course for HIST 4990. 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. Required Courses (9):
    - HIST 1111 Survey of World History to 1500 (3)
    - HIST 1112 Survey of World History since 1500 (3)
    - World language at the 1002 level or higher (3)
2. Select additional elective courses from the following to complete 18 hours in Area F:
    - AAS 2010, ANTH 1102, ANTH 2010, ANTH 2020, ANTH 2030, ECON 2105, ECON 2106, ENGL 2110, ENGL 2120, ENGL 2130,GEOG 1101, HIST 1200, HIST 1140, HIST 2030, HIST 2200, JOUR 1000, MATH 1070, PHIL 2010, POLS 2101, POLS 2401, PSYC 1101, SOCI 1101, SOCI 1160, WGSS 2010; World language 1001 (if different from world language taken in high school), World Lang 2001, World Lang 2002

The Department of History recommends that all majors complete the world language 1002, 2001, and 2002 sequence. (See "World Language Requirement for B.A. and B.I.S. Majors," previously described.)

Area G: Major Courses (30)

Unless otherwise specified, HIST 1111, HIST 1112, and HIST 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 HIST 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 (4)
    - HIST 3000 Introduction to Historical Studies-CTW (4) (should be taken first among upper-division courses)
2. U. S. History (one course)
3. European History (one course)
4. African, Asian, Latin American, or Middle Eastern History (one course)
5. Capstone Course in Historical Research (4)

- HIST 4990 Historical Research-CTW (4) (Prerequisite: HIST 3000 and at least four other upper-division HIST courses, including at least two 4000-level classes.)

Area H: Additional Courses

Additional courses 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 world language (2002).

Pre-Education Concentration

The Department of History offers a pre-education track for those students who plan to teach at the middle school or high school level. Students have the opportunity to take a variety of courses in U.S., European, and world history, which will provide the analytic and writing skills, the global perspective, and the historical content that they will need to teach in the public schools. Along with the B.A. in History, it prepares students to be tested for temporary certification or to enter the M.A.T. Program in Social Studies Education in the College of Education and Human Development at Georgia State or a similar program elsewhere to complete the requirements for state certification.

Area A-F requirements for the Pre-Education Concentration are the same as for the B.A. in History.

Area G (Pre-Education): Major Courses (30)

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 (4)
    - HIST 3000 Introduction to Historical Studies-CTW (4) (should be taken first among upper-division courses)
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 additional HIST courses the 3000-4000 level.
6. Capstone Course in Historical Research (4)
    - HIST 4990 Historical Research-CTW (4) (Prerequisite: HIST 3000 and at least four other upper-division HIST courses, including at least two 4000-level classes.

Area H (Pre-Education): Additional Courses

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:

`. Political Science
`. Geography
`. Economics
`. Education (Required: EXC 4020; along with two of the following: LT 3210, EDCI 3200, EDUC

3010, EDUC 4982, EDSS 3400, and EDLA 3200)

A C or better is required in all the courses in the Allied Field of the Pre-Ed track.

Additional courses must be taken to complete a minimum of 120 hours, exclusive of KH 1010.

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. Students should contact Robert Baker, the department's pre-law advisor, for more information about law school admissions.

Area A-F requirements for the Pre-Law Concentration are the same as for the B.A. in History. One or more of the following courses are strongly recommended:

- PHIL 2500 Introduction to Symbolic Logic (3)
- ECON 2105 Principles of Macroeconomics (Prerequisite: MATH 1101 or MATH 1111) (3)
- ECON 2106 Principles of Microeconomics (Prerequisite: MATH 1101 or MATH 1111) (3)

Area G (Pre-Law): Major Courses (30)

1. Required Courses to fulfill CTW requirement (4)
    - HIST 3000 Introduction to Historical Studies-CTW (4) (should be taken first among upper-division courses)
2. Two of the following courses (8):
    - HIST 4450 Crime in America (4)
    - HIST 4460 Bills of Rights (4)
    - HIST 4470 The Founders' Constitution (4)
    - HIST 4532 Crime & Law, Early Modern Europe (4)
    - HIST 4540 Britain, Ireland, and the British Atlantic, 1485-1689 (4)
    - HIST 4550 Britain, Ireland, and the British Empire since 1689 (3)
3. One course in African, Asian, Latin American, Middle Eastern, or world history.
4. Capstone Course in Historical Research (4)
    - HIST 4990 Historical Research-CTW (4) (Prerequisite: HIST 3000 and at least three other upper-division courses, including at least two 4000-level classes.)

Area H (Pre-Law): Minor and Additional Courses

Students in the pre-law concentration must take an additional 9 hours. At least three credit hours must come from Field 2.

Field 1:

- HIST 3250 Religion in American Life (4)

- HIST 3900 Human Rights in World History (3)
- HIST 4100 Philosophy of History (3)
- HIST 4190 American Culture and Ideas I (4)
- HIST 4200 American Culture and Ideas II (4)
- HIST 4630 European Intellectual History I: from Medieval to Marx (4)
- HIST 4640 European Intellectual History II: from Marx to Postmodernism (4)

Field 2:

- PHIL 4500 Symbolic Logic (prerequisite: PHIL 2500 with grade of B or higher) (3)
- PHIL 4700 Ethics (prerequisite: one 2000 or 3000-level Philosophy course) (3)
- PHIL 4820 Philosophy of Law (prerequisite: one 2000 or 3000-level Philosophy course) (3)
- RELS 4140 Religion and Law (3)
- RELS 5150 Religion, Nation, and Law (3)
- RELS 4670 Church and State (3)
- SOCI 3224 Crime and Punishment (3)
- SOCI 4366 Law and Society (3)
- POLS 3140 Judicial Process and Courts (3)
- POLS 4130 American Constitutional Law (3)
- POLS 4131 Civil Liberties and Rights (3)

Other courses may be substituted for the Area H requirement by the History pre-law advisor.

Additional courses from departments other than the major must be taken to complete a minimum of 120 hours, exclusive of KH 1010. The department strongly recommends that majors take the fourth semester of a foreign language: Lang 2002.

Minor in History

Students who wish to minor in history must take 15-18 hours in history courses, including at least three courses at the 3000 level or above. Students taking more than 15 hours in courses in history may count the additional hours toward their electives or may consider completing a double major. A grade of C or higher is required in all courses counting toward the minor.

Dual Bachelor's/Master's Degree Programs

The department offers the following dual degree program:

- Dual B.A./M.A. in History
- Dual B.A. in History and Master of Historic Preservation

These dual degree opportunities enable qualified students to enroll in graduate courses late in their undergraduate program and apply the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by the department and College of Arts and Sciences to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate

admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the undergraduate director for the specific criteria for this honor.

3325 Human Rights and Democracy

Program Offering:

- **Interdisciplinary Minor in Human Rights and Democracy**

This program offers students an avenue to take advantage of the rich offerings in the areas of human rights and democracy available across several departments in the College of Arts and Science. The minor addresses the needs of students interested in a multidisciplinary, non-traditional introduction to issues and skills surrounding human rights and democracy.

Minor Coordinator: Ryan Carlin (rcarlin@gsu.edu)

Program Admission

A 2.0 Georgia State University GPA is required to apply to the program. Application materials can be obtained from the Office of Academic Assistance (see below). Students should apply to the program by the time they have earned 42 credit hours to avoid a delay in graduation.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

Program Degree Requirements

Please refer to The Interdisciplinary Minor section 3030.40 of the course 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).

Students who wish to minor in Human Rights and Democracy should choose courses in consultation with faculty advisor. This minor is open to all students. A few courses in this program have prerequisites.

Area H:

No more than two 3-4 credit hour courses (6-8 hours) can be taken within a single discipline. All courses must be at the 3000-4000 levels. Students must take at least two courses from the Foundations area, no more than two from the Social Conflict and Conflict Resolution area, and no more than two from the Identity Perspectives area. Other related 3000- or 4000-level courses (in any college) may be approved in advance by the faculty advisor. No courses will be approved after a student has enrolled in the course. (* Denotes course with prerequisites)

1. Foundations (6-7)

Choose two courses from the following:

- AAS 4550 Activism and the Black Freedom Movement (3)
- AAS 4600/HIST 4280 Enslavement and Resistance in North America (3)
- AAS 4620/HIST 4290 Enslavement and Resistance in the Americas (3)
- ANTH 3033 The Anthropology of Violence (3)*
- ANTH 4370 Forensic Anthropology (3)*
- HIST 3540 Film and the Holocaust (4)
- HIST 4640 The Holocaust (3)
- POLS 4131 Civil Liberties and Rights (3)
- POLS 4205 Comparative Democratization (3)
- POLS 4220 Comparative Legal Systems and Politics (3)
- POLS 4420 International Law (3)
- POLS 4427 Politics of International Human Rights (3)
- POLS 4520 Theories on Democracy (3)
- PSYC 4650 Special Topics (Study Abroad: Human Rights in Argentina) (3)*
- RELS 4030 Introduction to Human Rights (3)
- SPAN 3395 Special Topics (Study Abroad: Human Rights, Historical Memory, and Democracy in Spain) (3)

2. Social Conflict and Conflict Resolution (3-7)
   Choose no more than two courses from the following:

- AAS 4180/POLS 4157 Politics of the Civil Rights Movement (3)
- AAS 4750/PHIL 4855 African-American Ethical and Legal Issues (3)*
- AAS 4970/PSYC 3901 Study Abroad Tanzania: History, Modern Culture and the Psychology of Skin Bleaching (3)
- ANTH 4114/GLOS 4114 Language and Social Justice (3)
- CRJU 4040 Comparative Criminal Justice Systems (3)
- ENGL 3900 Irish Literature (Topic: Conflict Resolution) (3)*
- ENGL 3350 Literature and War (3)
- ENGL 3945 Literature and Global Conflict (3)*
- FORL 3300/ENGL 3800/GRMN 4414/SPAN 4480/FREN 4414 Special topic (Representations of the Holocaust in Literature and Film) (3)
- GEOG 4774 Contemporary Urban Theory and Issues (3)
- GEOG 4778 Political Geography (3)
- GLOS 3500 Culture and Change in Africa (3)
- GLOS 4211 Psychology of Terrorism (3)
- GLOS 4215/POLS 4215 Politics of Peace (3)
- GRMN 4413 Introduction to German Film (Topic: German Film Studies from Weimar to Global Cinema) (3)*
- GRMN 4422 Contemporary Germany – Civilization 1871 to Today (3)*
- HON 3260 Trauma And Memory In Post-Dictatorship Argentina (3)
- MES 4210/POLS 4260 Politics of the Middle East And North Africa (3)
- MES 4230/POLS 4952 Model Arab League (3)*
- PHIL 3855 Topics in Political Theory (3)
- PHIL 4750 Topics in Ethics (3)*
- PHIL 4700 Ethics (3)*

- PHIL 4800 Social and Political Philosophy (3)*
- PHIL 4820 Philosophy of Law* (3)
- PHIL 4855 African-American Ethical and Legal Issues (3)*
- POLS 3200 Comparative Politics (3)
- POLS 4130 American Constitutional Law (3)
- POLS 4220 Comparative Legal Systems and Politics (3)
- POLS 4422 NGOs and World Politics (3)
- POLS 4250 Latin American Politics (3)
- POLS 4258 Government and Politics of South Asia (3)
- POLS 4421 International Organizations (3)*
- POLS 4422 NGOs and World Politics (3)
- POLS 4424 Regional Organization Simulation [Model Arab League] (3)
- POLS 4426 International Organization Simulation [Model United Nations] (3)
- POLS 4900 Special Topics (Ethical Concerns In World Politics) (3)*
- POLS 4900 Special Topics (The United States and Latin American in World Politics) (3)
- POLS 4951 Model United Nations (3)
- [PSYC 4800 Seminar-CTW (Topic: Psychology and Social Justice) (3)*
- RELS 4650 Religion and Ethics (3)
- RELS 4680 War, Peace and Religion (3)
- SOCI 3201 Wealth, Power, and Inequality (3)
- SOCI 3220 Activism, Protest and Revolution (3)
- SOCI 4366 Law and Society (3)
- SPAN 3395 Study Abroad (Topic: Human Rights in Argentina) (3)
- WGSS 4760 Activism: History And Theory (3)*

3. Identity Perspectives. Choose no more than two courses from the following (3-7):
    - AAS 3050/PSYC 3520 Introduction to African American Psychology (3)*
    - AAS 4080 African-American Female Activism (3)
    - AAS 4125/WGSS 4750 Black Feminist Thought (3)
    - AAS 4160/POLS 4165 African-American Politics (3)
    - AAS 4970/PSYC 3901 Study Abroad (Tanzania: History, Modern Culture and the Psychology of Skin Bleaching) (3)
    - [AAS 4975 Race, Class and Gender in Contemporary South Africa (3)
    - ANTH 4420/WGSS 4210 Gender and Power in Ethnographic Perspective (3)*
    - ENGL 3920 Southern Literature (focus: Cherokee literature) (3)*
    - ENGL 3940 Postcolonial Literature (3)*
    - ENGL 3950 African American Literature (3)*
    - ENGL 3960 African American Women's Writings (3)*
    - ENGL 3965 African Literature (3)*
    - ENGL 3970 Caribbean Literature (3)*
    - ENGL 4000 Jewish Literature* (3)
    - ENGL 3990 Women's Literature (3)*
    - GEOG 4767 Economic Geography (3)
    - GEOG 4778 Political Geography (3)
    - HIST 4430 American Jewish History (4)
    - JST 3000/MES 3710 Introduction to Jewish Studies (3)
    - PHIL 4860 Feminist Philosophy (3)*
    - POLS 4120 Southern Politics (3)

- PSYC 3570 Multicultural Psychology (3)*
- PSYC 4510 Community Psychology (3)*
- RELS 3270 Religious Traditions of the World (3)
- SOCI 3212 Race and Ethnic Relations (3)
- SOCI 3216/WGSS 3130 Gender And Society (3)
- SOCI 3356 Queer Identities (3)
- SOCI 4050/WGSS 4050 Global Perspectives on Violence Against Women (3)
- SPAN 4440 Special Topics (El otro entre nosotros: Emigration and Immigration in Contemporary Spain) (3)*
- SPAN 4480 Special Topics (Latino Literature and Culture in the U.S.) (3)*
- WGSS 3030 Introduction to LGBT Studies (3)*
- WGSS 3040 Globalization and Gender (3)*
- WGSS 4050 Global Perspectives on Violence Against Women (3)*
- WGSS 4750 Black Feminist Thought (3)*
- WGSS 4770 Gender and Sex in the African Diaspora (3)*
- WGSS 4780 African-American Lesbian and Gay Activism (3)*
- WGSS 4810 Feminism And Foucault (3)*
- WGSS 4842 Sexuality and Nationalism (3)*
- WGSS 4846 Gender, War, And Militarism in the Middle East (3)*
- WGSS 4910 Study Abroad Ecuador: Gender, Sexuality and Postcoloniality in Contemporary Ecuador (3)*

3330 Intensive English Program

Department of Applied Linguistics and English as a Second Language
15th floor, 25 Park Place Bldg.
404-413-5200
iep.gsu.edu

Alison Camacho, 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. Students who successfully complete the final level of the IEP (level 5) receive an English Proficiency Test waiver for undergraduate admission. In some cases, students who have been accepted to a degree program at Georgia State may combine upper-level IEP courses and regular academic work. Level six if the IEP is specifically for students seeking graduate admission at Georgia State.

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, proficiency test preparation (TOEFL / GRE) and oral communication. Tutoring services are available for students as well as weekly conversation exchange activities and excursions.

3370 Japanese

Program Offered:

- **Certificate of Language Ability in Japanese**
- **Minor in Japanese**

Department of World Languages and Cultures
19th floor, 25 Park Place Bldg.
404-413-5980
wlc.gsu.edu

William Nichols, Chair
Germán Torres, Associate Chair
Faye Stewart, Undergraduate Director
Mizuki Mazzotta, Japanese program coordinator

Certificate of Language Ability in Japanese

A strong demand exists by employers for candidates to offer credentials to verify language proficiency in both oral and written communication. The undergraduate Certificate of Language Ability is designed for students to offer tangible proof of their language abilities and makes an ideal complement to other areas of study such as business, international relations, public health, criminal justice, hospitality, and more.

The certificate consists of 12 credit hours at 2000- and 3000-level (minimum of 6 must be at the 3000-level), with a B or higher in each course. Courses retaken using the university Repeat to Replace policy are not counted as first attempts.

- At the 2000-level, students may enroll in JAPN 2001, JAPN 2002, or JAPN 2012.
- At the 3000-level, students may enroll in JAPN 3001, JAPN 3002, JAPN 3010, JAPN 3011, or JAPN 3012.

Minor in Japanese

Students who wish to minor in Japanese must take 15-18 hours in Japanese, including at least nine semester hours at the 3000 level or above. Students taking more than 15 hours of courses in the language may count the additional hours toward their electives. A grade of C or higher is required in all courses counting toward the minor.

3380 Journalism

Programs Offered:

- **Bachelor of Arts in Journalism**
    - **Concentration in Media and Society**
    - **Concentration in Multimedia Reporting**
    - **Concentration in Public Relations**
- **Minor in Journalism**

Department of Communication
8th floor, 25 Park Place
404-413-5600
communication.gsu.edu

Greg Lisby, Chair
Jaye Atkinson, Associate Chair
Douglas Barthlow and Rasha Ramzy, Undergraduate Directors

The Department of Communication offers courses that explore the processes and effects of human communication in a variety of contexts ranging from interpersonal communication to the dissemination of information through the mass media. The Department of Communication offers courses of study that develop knowledge and skills in managing face-to-face communication, the nature and social functions of the mass media, and the tools necessary for communication careers. Majors are offered in the areas of film and media, journalism, and speech communication.

Journalism is the practice of collecting, evaluating, and disseminating current, relevant information and opinion. The journalism major prepares students for a variety of careers as multimedia news producers or public relations practitioners. Journalism courses are also useful electives for students planning to enter other vocations who wish to deepen and expand their media-literacy.

Credit for special projects and internships is available in all majors. Internships provide students who have already completed all other requirements to gain experience in a variety of professional sectors in the metropolitan area and to tailor programs to their specific career goals.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

Major Eligibility Requirements

Effective fall semester 2013, to be eligible for the Journalism major and to enroll in 3000-4000 level Journalism courses (i.e., JOUR courses), students must fulfill the following requirements:

- Complete all courses with the JOUR prefix that are in Journalism's Area F (with a minimum grade

of "C" in the first attempt) and
- Earn a 2.5 grade-point average in all Area F JOUR courses. This GPA will be calculated based on the first attempt at these JOUR courses at Georgia State University. WFs counts as an attempt. Transfer students who transfer these course(s) into Georgia State, may use the grades in the transferred course(s) to calculate the GPA or they may attempt them once at Georgia State.
- Courses retaken using the university Repeat to Replace policy are not counted as first attempts.

Once a student is eligible to take 3000-4000 Journalism courses, they remain eligible to take them as long as they are eligible to enroll at Georgia State University.

College and University Degree Requirements

In addition to the Major Eligibility Requirements for Journalism, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Program Financial Information

Effective summer 2009, lab fees will be assessed automatically for students who register for certain courses. As a result, students will no longer be required to purchase lab fee cards. For more information, please feel free to contact the department or review the PAWS or catalog course listings to determine if a course includes a lab fee.

B.A. in Journalism

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

1. World Language at the 1002 level or higher (3)
   (See "World 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 Basic News Writing (3)*
   - JOUR 2500 Foundations of Mass Communication Research (3)*
   - SCOM 1500 Public Speaking (3)
3. Electives: Select one course (3)
   AAS 1140, AAS 2010, ANTH 2020, ECON 2105, ECON 2106, FLME 2700, 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, SCOM 1010, THEA 2040, WGSS 2010; World language 1001 (if no previous experience with language), World Lang 2001, World Lang 2002

* Students must have a 2.5 grade-point average in these Area F JOUR courses to be eligible for the B.A. in Journalism and to take 3000- and 4000-level JOUR courses. (See Major Eligibility Requirements.)

Media and Society Concentration: Area G (24)

1. Course to fulfill Critical Thinking Through Writing (CTW) requirement (3):
   - JOUR 3010 Advanced Media Writing-CTW (3)

2. Required core courses (6):
    - JOUR 3060 Mass Comm Law and Regulation (3)
    - JOUR 3900 Digital Journalism (3)
3. Select one of the following capstone courses (3):
    - JOUR 4070 Media Theory (3)
    - JOUR 4800 Media, Ethics and Society (3)
4. Select four of the following Media Studies courses:
    - JOUR 3040 Communicating Environmental Issues (3)
    - JOUR 3690 Honors Readings (1-3)
    - JOUR 3955 Mass Communication Research (3)
    - JOUR 4040 History of News Media (3)
    - JOUR 4460 Health Communication (3)
    - JOUR 4480 Political Communication (3)
    - JOUR 4500 Visual Communication (3)
    - JOUR 4510 Media and Politics (3)
    - JOUR 4590 African-American Popular Culture (3)
    - JOUR 4600 Readings in Journalism (3)
    - JOUR 4650 International Communication (3)
    - JOUR 4665 International Public Relations (3)
    - JOUR 4770 Media Management and Marketing (3)
    - JOUR 4780 Women and Media (3)
    - JOUR 4800 Media, Ethics and Society (3) (if not chosen as capstone)
    - JOUR 4810 Media and Popular Culture (3)
    - JOUR 4870 Honors Thesis: Research (3)
    - JOUR 4880 Honors Thesis: Writing (3-6)
    - JOUR 4900 Special Topics (1-4)
    - JOUR 4999 Directed Readings (1-4)

Multimedia Reporting Concentration: Area G (24)

1. Course to fulfill Critical Thinking Through Writing (CTW) requirement (3):
    - JOUR 3010 Advanced Media Writing-CTW (3)
2. Required Core courses (6):
    - JOUR 3060 Mass Communication Law and Regulation (3)
    - JOUR 3900 Digital Journalism (3)
3. Experiential Learning (6):
    - Mandatory course: JOUR 4030 Practicum (2-4)
    - Choice of two others to reach six credits for Experiential Learning:
        - JOUR 4001 Sports Journalism (2)
        - JOUR 4002 State Government Reporting (2)
        - JOUR 4005 Local Government Reporting (2)
        - JOUR 4980 Internship (2-4)
4. Select one of the following capstone courses (3):
    - JOUR 4070 Media Theory (3)
    - JOUR 4800 Media, Ethics and Society (3)
5. Advanced Media Practice choice of two optional courses to reach 24 credits:
    - JOUR 4120 Feature Writing (3)

- JOUR 4180 Editorial and Critical Writing (3)
- JOUR 4610 Advanced Graphic Communication (3)
- JOUR 4710 TV News Magazine (3)
- JOUR 4720 Radio News (3)
- JOUR 4770 Media Management and Marketing (3)
- JOUR 4840 TV Newscast (3)
- JOUR 4905 Special Topics (1-4)

Public Relations Concentration: Area G (24)

1. Course to fulfill Critical Thinking Through Writing (CTW) requirement (3):
    - JOUR 3560 Public Relations Writing and Projects-CTW (3)
2. Mandatory core course (3):
    - JOUR 3060 Mass Comm Law and Regulation (3)
3. Concentration mandatory core courses:
    - JOUR 3500 Public Relations Techniques (3)
    - JOUR 4540 Public Relations Campaigns (3)
4. Select one of the following capstone courses (3):
    - JOUR 4070 Media Theory (3)
    - JOUR 4800 Media, Ethics and Society (3)
5. Experiential Learning (6)
   Select two courses:

    - JOUR 3900 Digital Journalism (3)
    - JOUR 4030 Journalism Practicum (1-3)
    - JOUR 4610 Applied Graphic Communication (3)
    - JOUR 4980 Internship (1-3)
6. Select from the following to reach 24 credits:
    - JOUR 3010 Advanced Media Writing (3)
    - JOUR 3040 Communicating Environmental Issues (3)
    - JOUR 4460 Health Communication (3)
    - JOUR 4480 Political Communication (3)
    - JOUR 4500 Visual Communication (3)
    - JOUR 4660 Corporate Communications (3)
    - JOUR 4665 International Public Relations (3)
    - JOUR 4770 Media Management and Marketing (3)
    - SCOM 3250 Persuasion (3)

H: Minor and Additional Courses

Majors in the Department of Communication's three B.A. programs must select a minor consisting of at least 15 hours of courses in a discipline within the Department of Communication other than the major (journalism, film/video, or speech) or in another academic department/school/institute that offers a baccalaureate degree. At least nine semester hours of minor courses must be at the 3000 level or above, unless otherwise specified by the minor-granting department/school/institute. A grade of C or higher is required in all minor courses.

Minor in Journalism

Students who wish to minor in one of the department's three programs must take 15-18 hours in the specific area, including at least nine semester hours at the 3000 level or above. Students taking more than 15 hours in courses in the specific area may count the additional hours toward their electives or may consider completing a double major. A grade of C or higher is required in all courses counting toward the minor. Students wishing to take 3000-4000 level Journalism courses (i.e., JOUR) as part of a minor must first request departmental registration approval.

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the undergraduate director for the specific criteria for this honor.

3385 Korean

Programs Offered:

- **Certificate of Language Ability in Korean**
- **Minor in Korean Language and Culture**

Department of World Languages and Cultures
19th floor, 25 Park Place Bldg.
404-413-5980
wlc.gsu.edu

William Nichols, Chair
Germán Torres, Associate Chair
Faye Stewart, Undergraduate Director
Hakyoon Lee, Korean program coordinator

Certificate of Language Ability in Korean

A strong demand exists by employers for candidates to offer credentials to verify language proficiency in both oral and written communication. The undergraduate Certificate of Language Ability is designed for students to offer tangible proof of their language abilities and makes an ideal complement to other areas of study such as business, international relations, public health, criminal justice, hospitality, and more.

The certificate consists of 12 credit hours at 2000- and 3000-level (minimum of 6 must be at the 3000-level), with a B or higher in the first attempt at each course. Courses retaken using the university Repeat to Replace policy are not counted as first attempts.

- At the 2000-level, students may enroll in KORE 2001 and KORE 2002.
- At the 3000-level, students may enroll in KORE 3002 and KORE 3011.

Minor in Korean Language and Culture

Students who wish to minor in Korean Language and Culture should complete 15 credit hours including at least 9 credit hours at the 3000 levels or above. A grade "C" or higher is required in all courses counting toward the minor. Current courses available for the minor include:

- Korean 2001 Intermediate Korean I (3)
- Korean 2002 Intermediate Korean II (3)
- Korean 3001 Advanced Korean I (3)
- Korean 3002 Advanced Korean II (3)
- Korean 3011 Korean Proficiency Through Korean Drama (3)
- Korean 4011 Business Korean (3)
- Korean 4300 Korean Language, Culture, and Society (3)
- Korean 4995 Directed Readings (3)

3395 Latin American Studies

Program Offered:

- **Interdisciplinary Minor in Latin American Studies**

Minor Coordinator: Leslie Marsh (llmarsh@gsu.edu), World Languages and Cultures

Program Requirements:

The specific requirements for an interdisciplinary minor in Latin American Studies are as follows:

- The minor course work must consist of 15 hours of classes with significant Latin American content with a GPA of 3.0.
- These courses must be selected from at least three different departments and may not be from the major department.
- Completion of credit for a Spanish or Portuguese language course sequence of at least four semesters or certification to a similar level by means of an examination administered by the Department of World Languages and Cultures.

The courses below will fulfill the specific requirements of the interdisciplinary minor in Latin American Studies.

- AH 4669 Pre-Columbian Art (3)
- AH 4660 Nineteenth and Twentieth Century Art in Latin America (3)
- AH 4665 Latin American Avant-Gardes of the 1920s (3)
- AH 4669 Art in Latin America I: 1900-1950 (3)
- AH 4670 Art in Latin America II: 1950-2000 (3)
- AH 4900 Special Studies Seminar (3)
- AH 4980 Special Problems in Art History (3)
- GEOG 4406 Advanced Regional Geography (3)
- GLOS 3620/HIST 3620 Atlantic World (4)
- POLS 4250 Latin American Politics (3)
- SPAN 3395 Study Abroad / PSYC 4680 Special Topics in Psychology (topic: Argentina- Human Rights in Argentina: From Dictatorship to Democracy (1976-Today) (3)
- SPAN 4454 Literature of Social and Political Conflict in Latin America (in Spanish) (3)
- SPAN 4456 Tales of Love, Madness, and Death (in Spanish) (3)
- SPAN 4467 Latin American and Latino Film and Video (3)
- SPAN 4469 Afro-Hispanic Literature and Culture (3)
- SPAN 4470 Special Topics in Latin American Literature (in Spanish) (3)
- SPAN 4480 Special Topics in Hispanic Culture (3)

Other courses can also be considered, depending on the professor and content of the course. There are several Anthropology courses (ANTH prefix), for example, taught by faculty in the Department of Anthropology, who teach courses with significant Latin American content (see courses taught by Dr. Jeffrey Glover, Dr. Nicola Sharrat, Dr. Cassandra White, and Dr. Bethany Turner). Please consult with the program coordinator to determine if a course not listed above is appropriate for the minor.

Examples:
ANTH 4040 Race, Class, and Gender in Global Perspective
ANTH 4170 Mesoamerican Archaeology
ANTH 4530 Ancient Cities

3397 Law and Ethics

Program Offered:

- **Minor in Law and Ethics**

Department of Philosophy
16th floor, 25 Park Place Bldg.
philosophy.gsu.edu

Eddy Nahmias, Chair
Eric Wilson, Director of Undergraduate Studies
Andrew I. Cohen, Pre-Law Advisor

A study of the philosophy of the law can deepen our understanding of the proper foundations, limits, and applications of legal authority. Legal theorists often consider the meaning of legal doctrine but philosophers of law help to frame the ethical considerations that guide and constrain the law. The minor in law and ethics gives students the skills and knowledge needed for a critical assessment of law, especially in light of the principles of ethics and social values. The minor also improves argumentative, writing, and logical skills invaluable for law school and many other careers in legal fields. The minor in law and ethics is designed to be a complement to any major. Students with majors in the humanities or social sciences planning a career in law, public service, advocacy, or policy are particularly encouraged to consider the minor in law and 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 Law and Ethics

Complete 15 credit hours as follows:

1. Required Courses (6 hours):
    - PHIL 3000 Introductory Seminar in Philosophy (3)
    - PHIL 4820 Philosophy of Law (3)
2. Elective Courses (9 hours): Select at least two courses (6 hours) from the following:
    - PHIL 2030 Introduction to Ethics (3)
    - PHIL 2500 Introduction to Symbolic Logic (3) (Strongly recommended to sharpen skills tested in the LSAT.)
    - PHIL 3710 Sex and Love (3)
    - PHIL 3720 Contemporary Moral Problems (3)
    - PHIL 3730 Business Ethics (3)
    - PHIL 3740 Biomedical Ethics (3)
    - PHIL 3810 Introduction to Philosophy, Political Science, and Economics (3)
    - PHIL 3855 Topics in Political Theory (3)
    - PHIL 4070 Marxism (3)

- PHIL 4700 Ethics (3)
- PHIL 4740 Advanced Biomedical Ethics (3)
- PHIL 4750 Topics in Ethics (3)
- PHIL 4760 Ethics and Contemporary Public Policy—Ethics Bowl (3)
- PHIL 4770 Moral Psychology (3)
- PHIL 4780 Neuroethics (3)
- PHIL 4800 Social and Political Philosophy (3)
- PHIL 4855 Advanced Topics in Political Theory (3)
- PHIL 4860 Feminist Philosophy (3)
- PHIL 4890 Topics in Social and Political Philosophy (3)

3. Select one more course (3 or 4 hours) either from the list below or from the list above.
    - AAS 4120 African-American Political Thought (3)
    - AAS 4550 Activism and the Black Freedom Movement (3)
    - AAS 4600 Enslavement and Resistance in North America (3)
    - AAS 4780 African-American Lesbian and Gay Activism (3)
    - CRJU: Any 3000- or 4000-level Criminal Justice course
    - ECON 4450 Law and Economics (3)
    - ENGL 3080 Persuasion – History, Theory, Practice (3)
    - ENGL 415 John Milton (3)
    - HIST 3900 Human Rights in Historical Perspective (3)
    - HIST 4450 History of Crime in America (4)
    - HIST 4460 Bill of Rights (4)
    - HIST 4470 The Founders' Constitution (4)
    - HIST 4532 Crime, Law, and Society in Early Modern Europe (4)
    - LGLS: Any 3000- or 4000-level Legal Studies course
    - PMAP 4411 Introduction to the Law for Public and Nonprofit Managers (3)
    - POLS: Any 3000- or 4000-level Political Science course
    - RELS 4255 Religion, Race, Nation (3)
    - RELS 4650 Religion and Ethics (3)
    - SOCI 3224 Crime and Punishment (3)
    - SOCI 4218 Power and Politics (3)
    - SOCI 4366 Law and Society (3)
    - WGSS 4510 Feminist Political Theory (3)
    - WGSS 4760 Activism: History and Theory (3)
    - Other courses may count towards the Minor in Law and Ethics. However, these courses require advance approval of the Director of Undergraduate Studies in Philosophy. No courses will be approved after the mid-point of the semester of the course.

3400 Law and Society

Program Offered:

- **Bachelor of Interdisciplinary Studies with a Concentration in Law and Society**
  - **Pre-Law Allied Field**
  - **Criminology Allied Field**

Faculty Coordinator: Michael Evans, mevans33@gsu.edu

This program emphasizes the social sciences and humanities perspectives of the law. Drawing on the disciplines of political science, sociology, history, English, philosophy, psychology, criminal justice, and business law, the Law and Society area of concentration offers the student a broad liberal but non-professional background in law. It is a viable option for pre-law students. For students interested in the program, please contact the program coordinator or the Department of Political Science (404-413-6159).

Program Admission

Students may enroll in a concentration upon admission to Georgia State University. Students who wish to change their major to this degree program should select a concentration in consultation with their academic advisor and the faculty coordinator. A 2.0 Georgia State University GPA is required.

Students who enroll in a concentration will be required to submit a course plan checklist to demonstrate their understanding of the degree requirements. It is highly recommended that students develop a course of study with their specific faculty coordinator before taking coursework in the degree program to avoid taking courses that will not count towards graduation.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

Bachelor of Interdisciplinary Arts students should also consult regularly with the faculty program coordinator for the specific program regarding course selection, program plans, experiential learning, and other academic opportunities.

Program Degree Requirements

Please refer to the Bachelor of Interdisciplinary Studies section 3030.30 of this catalog for academic regulations for this program.

Students must complete coursework in at least three disciplines (defined by course prefixes) in Area G and in at least two disciplines in Area H. Areas G and H should be constructed so that students take courses in distinct disciplines in each area (with some overlap expected); that is, the same prefix should not predominate in both Area G and H.

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.I.S. with a Concentration in Law and Society

Area F: Courses Appropriate to the Major

- Required Course (3)
  - POLS 2401 Global Issues (3)
- Required Course (3)
  - [SPCH 1500] Public Speaking (3)
- Students must complete level 1002 (3) of a language.
- Select additional courses to complete 18 hours:
  - AAS 2010, ACCT 2101, ACCT 2102, ANTH 2020, BUSA 2016, ECON 2105, ECON 2106, ENGL 2130, GEOG 1101, GERO 2000, CRJU 2200, CRJU 2700, HIST 1111, HIST 1112, HIST 2110, PHIL 2010, PHIL 2030, PHIL 2050, PSYC 1101, PSYC 2040, PSYC 2050, SCOM 1500, SCOM 2710, SOCI 1101, SOCI 1160, WGSS 2010; world language 1001, 2001, 2002

Area G: Area of Concentration — Law and Society (33)

Students must complete coursework in at least three disciplines (defined by course prefixes) in Area G.

- Select one course to fulfill CTW requirement (3-4)
  - CRJU 3060 Ethical Issues in Criminal Justice-CTW (3)
  - HIST 3000 Introduction to Historical Studies-CTW (4)
  - PHIL 3000 Introductory Seminar in Philosophy-CTW (3)
  - POLS 3800 Introduction to Political Research-CTW (3)
  - [SPCH 3250] Persuasion-CTW (3)
- Select two courses (6)
  - POLS 3140 Judicial Process and Courts (3)
  - POLS 3145 Introduction to American Law (3)
  - LGLS 3020 Introduction to the Law (3)
  - LGLS 4030 The Legal Process
- Select two courses (6-7)
  - HIST 4460 Bills of Rights (4)
  - POLS 4130 American Constitutional Law (3)
  - POLS 4131 Civil Liberties and Rights (3)
  - SOCI 4366 Law and Society (3)
- Select six additional courses (18)
  - AAS 4180, AAS 4750, AAS 4995, CRJU 3060, CRJU 3100, CRJU 3210, CRJU 3110, CRJU 3310, CRJU 3410, CRJU 3700, CRJU 3710, CRJU 4410, CRJU 4420, CRJU 4040, CRJU 4710, CRJU 4720, CRJU 4760, CRJU 4770, CRJU 4780, CRJU 4910, CRJU 4915, ECON 3810, ECON 4080, ECON 4400, ECON 4450, ECON 4680, EURO 4130, ENGL 3080, HIST 3900, HIST 4450, HIST 4460, HIST 4470, HIST 4995, JOUR 3060, LGLS 3020, LGLS 4020, LGLS 4030, LGLS 4050, LGLS 4060, LGLS 4080, LGLS 4389, LGLS

4490, MTM 3010, MTM 3050, PMAP 3311, PHIL 3810, PHIL 3730, PHIL 4700, PHIL 4760, PHIL 4800, PHIL 4820, [PHIL 4855], PHIL 4995, PMAP 4411, PSYC 4300, POLS 3140, POLS 3145, POLS 3810, POLS 4130, POLS 4131, POLS 4141, POLS 4220, POLS 4420, POLS 4425, POLS 4427, POLS 4555, POLS 4570, POLS 4780, POLS 4955, SCOM 3060, SOCI 3222, SOCI 3224, SOCI 3346, SOCI 4150, SOCI 4366, WGSS 3150/SOCI 3156. Internship POLS 4930, POLS 4940, CRJU 4930 (No more than six hours of internship credit may be used.)

Area H: Allied Fields

Students must complete coursework in at least two disciplines (defined by course prefixes) in Area H.

Pre-Law

1. Select two Courses (6)
    - CRJU 3060 Ethical Issues in Criminal Justice-CTW (3)
    - ENGL 3080 History, Theory, and Practice of Argumentative Writing (3)
    - ENGL 3110 Technical Writing (3)
    - ENGL 3130 Business Writing (3)
    - HIST 3000 Introduction to Historical Studies-CTW (4)
    - PHIL 3000 Introductory Seminar in Philosophy-CTW (3)
    - POLS 3800 Introduction to Political Research-CTW (3)
    - [SPCH 3010] Advanced Public Speaking (3)
    - [SPCH 3250] Persuasion-CTW (3)
2. Select one Course (3)
    - POLS 3140 Judicial Process and Courts (3)
    - POLS 3145 Introduction to American Law (3)
    - LGLS 3020 Introduction to the Law (3)
    - LGLS 4030 The Legal Process (3)
3. Select two courses (6)
    - AAS 4180, AAS 4750, AAS 4995, CRJU 3060, CRJU 3100, CRJU 3210, CRJU 3110, CRJU 3310, CRJU 3410, CRJU 3700, CRJU 3710, CRJU 4410, CRJU 4420, CRJU 4040, CRJU 4710, CRJU 4720, CRJU 4760, CRJU 4770, CRJU 4780, CRJU 4910, CRJU 4915, ECON 3810, ECON 4080, ECON 4400, ECON 4450, ECON 4680, EURO 4130, ENGL 3080, HIST 3900, HIST 4450, HIST 4460, HIST 4470, HIST 4995, JOUR 3060, LGLS 3020, LGLS 4020, LGLS 4030, LGLS 4050, LGLS 4060, LGLS 4080, LGLS 4389, LGLS 4490, MTM 3010, MTM 3050, PMAP 3311, PHIL 3810, PHIL 3730, PHIL 4700, PHIL 4760, PHIL 4800, PHIL 4820, PHIL 4855, PHIL 4995, PMAP 4411, PSYC 4300, POLS 3140, POLS 3145, POLS 3810, POLS 4130, POLS 4131, POLS 4141, POLS 4220, POLS 4420, POLS 4425, POLS 4427, POLS 4555, POLS 4570, POLS 4780, POLS 4955, SCOM 3060,SOCI 3156, SOCI 3222, SOCI 3224, SOCI 3346, SOCI 4150, SOCI 4366, WGSS 3150. Internship POLS 4930, POLS 4940, CRJU 4930 (No more than six hours of internship credit may be used.)

Area J: Electives

Electives are used to build the hours in Areas G-J to 60 hours, have 39 hours at Georgia State University

taken at the 3000-4000 level for residency, and complete 120 hours required for graduation.

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the undergraduate director for the specific criteria for this honor.

3410 Mathematics and Statistics

Programs Offered:

- **Bachelor of Science in Mathematics**
  - **Concentration in Actuarial Science**
  - **Concentration in Applied Mathematics**
  - **Concentration in Computer Information Systems**
  - **Concentration in Computer Science**
  - **Concentration in Managerial Sciences**
  - **Concentration in Statistics**
- **Dual Degree Programs:**
  - **B.S. in Mathematics / M.S. in Mathematics**
  - **B.S. in Mathematics (Actuarial Science concentration) with the Master of Actuarial Science**
  - **B.S. in Mathematics (Computer Information Systems concentration) with the Master of Science in Information Systems**
  - **B.S. in Mathematics (Mathematical Risk Management concentration) with the Master of Science in Risk Management and Insurance (Mathematical Risk Management specialization)**
  - **B.S. in Mathematics (Statistics concentration) / M.S. in Mathematics (Statistics concentration)**
- **Minor in Mathematics**

Department of Mathematics and Statistics
750 College of Education Building
404-413-6464
mathstat.gsu.edu

Guantao Chen, Chair
Alexandra Smirnova, Associate Chair
Michael Stewart, Director of Undergraduate Studies

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.

Six 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. The concentration in statistics prepares students for work as applied statisticians. The concentration in applied mathematics provides background in core areas of applied mathematics, computational mathematics, and statistics. Finally, in addition to the undergraduate concentrations, the department offers dual degrees that give students a seamless path from a B.S. in mathematics to business graduate degrees in actuarial science, information systems, and mathematical risk management.

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).

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

Program Academic Regulations

Students must earn a grade of C or higher in all mathematics courses in the core, Area F, and Area G.

B.S. in Mathematics

Program Degree Requirements

Students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Area A:

- Required course: MATH 1112, MATH 1113, or higher level MATH must be taken in Area A. A section of MATH 1113 Precalculus that is designated specifically for this major is recommended (see GoSolar listing to identify appropriate sections).

Area D:

- Required course: MATH 2211 Calculus of One Variable I (4) (or a higher-level mathematics course)

Area F: Courses Appropriate to the Major (18)

1. Carry over from Areas A and/or D (1-2):
    - Students will carry one additional credit hour over to Area F for each four hour mathematics course taken in Area A and/or Area D.
2. Required Courses (1-2 of the following should be taken in Area A and/or D) (10-14):
    - 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)
    - MATH 2641 Linear Algebra I (3)
3. Select additional elective courses from the following to complete 18 hours in Area F:
    - ACCT 2101 Principles of Accounting I (3)
    - ACCT 2102 Principles of Accounting II (3)
    - 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)
    - CHEM 2400 Organic Chemistry I (3)
    - CIS 2010 Introduction to Information Systems (3)
    - CSC 1301 Principles of Computer Science I (4)
    - CSC 1302 Principles of Computer Science II (4)
    - ECON 2105 Principles of Macroeconomics (3)
    - ECON 2106 Principles of Microeconomics (3)
    - MATH 2652 Differential Equations (4)
    - PHIL 1010 Critical Thinking (2)
    - PHYS 2211K Principles of Physics I (4)

    - PHYS 2212K Principles of Physics II (4)
    - [RSCH 1203] Research Strategies and Technology (1)
    - World language at the 1002, 2001, or 2002 level (3)

- All courses above ending in K are commonly offered as separate lecture and lab (L) courses by GSU's Perimeter College. The combined (K) courses and separate lecture and lab (L) courses cover the same subject matter and are considered equivalent courses.
- Students with MATH 2211 (4) in Area A2 and MATH 2212 (4) in Area D will have MATH 2215 (4), MATH 2420 (3), MATH 2641 (3), and two extra hours from Areas A2 and D in the required portion of Area F, for subtotals of 12 hours of required courses and 6 hours of additional courses. Students with MATH 1112 (3) in Area A2 and MATH 2211 (4) in Area D will have MATH 2212 (4), MATH 2215 (4), MATH 2420 (3), MATH 2641 (3), and one extra hour from Area D in the required portion of Area F, for subtotals of 15 hours of required courses and 3 hours of additional courses. Any credit hours exceeding 18 earned to complete the Area F requirements will count toward elective hours.

Area G: Major Courses (39)

1. Required course to fulfill CTW requirement (3):
    - MATH 3000 Bridge to Higher Mathematics-CTW (3)
2. Required Courses (21):
    - MATH 4435 Linear Algebra II (3)
    - MATH 4441 Modern Algebra (3)
    - MATH 4442 Modern Algebra II (3)
    - MATH 4661 Analysis I (3)
    - MATH 4662 Analysis II (3)
    - MATH 4751 Mathematical Statistics I (3)
    - MATH 4991 Senior Seminar (3)
3. Mathematics Electives (15):
   Select 15 additional hours of 3000- or 4000-level mathematics courses, of which six hours at most may be at the 3000 level (excluding Math 3030, 3050, 3070, and 3090).
4. Additional courses must be taken as electives to complete a minimum of 120 semester hours, exclusive of KH 1010.

Area H: Additional Major Courses, Concentrations, Minor, and Electives

See descriptions below as to the specifics of special programs, such as the various concentrations offered. Students earning a B.S. in the Department of Mathematics and Statistics are not required to complete a minor.

Actuarial Science Concentration (42-48)

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 CSC 1301, CSC 1302, ECON 2105 and ECON 2106 in the core curriculum Areas A-F or as electives.

1. Required course to fulfill CTW requirement (3):
    - MATH 3000 Bridge to Higher Mathematics-CTW (3)
2. Mathematics Requirements (24):
    - MATH 4211 Optimization (3)
    - MATH 4435 Linear Algebra II (3)
    - MATH 4610 Numerical Analysis I (3)
    - MATH 4661 Analysis I (3)
    - Either MATH 4662 Analysis II or MATH 4441 Modern Algebra I (3)
    - MATH 4751 Mathematical Statistics I (3)
    - MATH 4752 Mathematical Statistics II (3)
    - MATH 4991 Senior Seminar (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)

Applied Mathematics Concentration (39-43)

The Department of Mathematics and Statistics offers the Bachelor of Science with a major in mathematics and concentration in applied mathematics. The program provides a broad background in core areas of applied mathematics, including differential equations, modeling, computational mathematics, numerical methods, and statistics.

Students must receive credit for CSC 1301 and CSC 1302 in the Area F or as electives.

1. Required course to fulfill CTW requirement (3)
    - MATH 3000 Bridge to Higher Mathematics-CTW (3)
2. Mathematics Requirements (21-25):
    - MATH 2652 Differential Equations (4) (If not taken in area F)
    - MATH 3350 Scientific Computing (3)
    - MATH 4211 Optimization (3)
    - MATH 4258 Vector Calculus (3)

    - MATH 4265 Partial Differential Equations (3)
    - MATH 4435 Linear Algebra II (3)
    - MATH 4610 Numerical Analysis I (3)
    - MATH 4751 Mathematical Statistics I (3)
3. Choose four courses from the following list (12)
    - MATH 4010 Mathematical Biology (3)
    - MATH 4275 Applied Dynamical Systems (3)
    - MATH 4444 Polynomials and Applied Algebra (3)
    - MATH 4548 Methods of Regression and Analysis of Variance (3)
    - MATH 4620 Numerical Analysis II (3)
    - MATH 4752 Mathematical Statistics II (3)
4. Select three additional hours of 3000/4000-level mathematics courses, of which 3 hours at most may be at the 3000 level (excluding MATH 3030, MATH 3050, MATH 3070, and MATH 3090).
5. Additional courses must be taken as electives to complete a minimum of 120 semester hours, excluding KH 1010.

Computer Information Systems Concentration (42-43)

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 CSC 1301, CSC 1302, and CIS 2010 in the core curriculum Areas A-F or as electives.

1. Required course to fulfill CTW requirement (3):
    - MATH 3000 Bridge to Higher Mathematics-CTW (3)
2. Mathematics Requirements (15):
    - MATH 4435 Linear Algebra (3)
    - MATH 4661 Analysis I (3)
    - Either MATH 4662 Analysis II or MATH 4441 Modern Algebra I (3)
    - MATH 4751 Mathematical Statistics I (3)
    - MATH 4991 Senior Seminar (3)
3. Select one additional upper-level mathematics course (exclusive of MATH 3030, [Math 3050], [Math 3070], and [Math 3090]). (3)
4. Computer Science Requirements (9-10):
    - CSC 2720 Data Structures (3)
    - CSC 3210 Computer Organization and Programming (3)
    - Select one of the following:
        - CSC 3320 System-Level Programming (3)
        - CSC 4210 Computer Architecture (4)
        - CSC 4320 Operating Systems (4)
5. Computer Information Systems Requirements (12):
    - CIS 3210 End User Applications Programming (3)
    - CIS 3300 Systems Analysis (3)
    - CIS 3310 Systems Design (3)

    - Select one additional CIS course, preapproved by the director of undergraduate studies. (3)
6. Additional courses must be taken as electives to complete a minimum of 120 semester hours, exclusive of KH 1010. (8-9)

Computer Science Concentration (43-45)

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 CSC 1301, and CSC 1302 in the core curriculum Areas A-F or as electives.

1. Required course to fulfill CTW requirement (3):
    - MATH 3000 Bridge to Higher Mathematics-CTW (3)
2. Mathematics Requirements (15):
    - MATH 4435 Linear Algebra II (3)
    - MATH 4661 Analysis I (3)
    - MATH 4662 Analysis II (3)
    - MATH 4751 Mathematical Statistics I (3)
    - MATH 4991 Senior Seminar (3)
3. Select one additional upper-level mathematics course (exclusive of Math 3030, 3050, 3070, and 3090). (3)
4. Computer Science Requirements (16):
    - CSC 2720 Data Structures (3)
    - CSC 3210 Computer Organization and Programming (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 (45)

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 CSC 1301 and CSC 1302 in the core curriculum Areas A-F or as electives.

1. Required course to fulfill CTW requirement (3):
    - MATH 3000 Bridge to Higher Mathematics-CTW (3)
2. Mathematics Requirements (15):
    - MATH 4211 Optimization (3)
    - MATH 4435 Linear Algebra (3)
    - MATH 4661 Analysis I (3)
    - MATH 4662 Analysis II (3)
    - MATH 4991 Senior Seminar (3)
3. Statistics Requirements (6):
   Select one of the following two-course sequences.

    - MATH 4547 Introduction to Statistical Methods (3) and MATH 4548 Methods of Regression and Analysis of Variance (3)
    - MATH 4751 Mathematical Statistics I (3) and MATH 4752 Mathematical Statistics II (3)
4. Select one additional courses in mathematics and/or computer science (6-7) (exclusive of Math 3030, 3050, 3070, and 3090).
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 (3):
   Select one course.

    - 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 (42)

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 5. Students must receive credit CSC 1301 and CSC 1302 in the core curriculum Areas A-F or as electives.

1. Required course to fulfill CTW requirement (3):
    - MATH 3000 Bridge to Higher Mathematics-CTW (3)
2. Mathematics and Statistics Requirements (21):
    - MATH 4435 Linear Algebra II (3)
    - MATH 4548 Methods of Regression and Analysis of Variance (3)
    - MATH 4661 Analysis I (3)
    - MATH 4662 Analysis II (3)
    - MATH 4751 Mathematical Statistics I (3)
    - MATH 4752 Mathematical Statistics II (3)
    - MATH 4991 Senior Seminar (3)
3. Select one course (3):
    - MATH 4544 Biostatistics (3)*
    - MATH 4547 Introduction to Statistical Methods (3)*

      *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 (12):
   Select 12 hours of course work in a field other than mathematics. (12) Related field courses must be pre-approved by a faculty adviser and must include at least nine hours of upper-division course work. Examples of related fields are: Actuarial Science, Biology, Computer Information Systems, Computer Science, Economics, Managerial Sciences, and Marketing.
6. Additional courses must be taken as electives to complete a minimum of 120 semester hours, exclusive of KH 1010. (14-15)

Minor in Mathematics

Students choosing to minor in mathematics should complete Math 2212, 2215, and nine hours of additional mathematics courses at the 3000 level or above. There are some restrictions, and course selections must be approved by the Department of Mathematics and Statistics. Students are urged to consult with members of the Department of Mathematics and Statistics to determine which courses would be most useful in their major field.

Dual Bachelor's/Master's Degree Programs

The department offers the following dual degree programs, three in partnership with the J. Mack Robinson College of Business:

- B.S. in Mathematics / M.S. in Mathematics
- B.S. in Mathematics (Actuarial Science concentration) with the Master of Actuarial Science
- B.S. in Mathematics (Computer Information Systems concentration) with the Master of Science in Information Systems
- B.S. in Mathematics (Mathematical Risk Management concentration) with the Master of Science in Risk Management and Insurance (Mathematical Risk Management specialization)
- B.S. in Mathematics (Statistics concentration) / M.S. in Mathematics (Statistics concentration)

These dual degree opportunities enable qualified students to enroll in graduate courses late in their undergraduate program and apply the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by participating departments and colleges to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the undergraduate director for the specific criteria for this honor.

3415 Media Entrepreneurship

Program Offered:

- **Bachelor of Interdisciplinary Studies Concentration in Media Entrepreneurship**

Creative Media Industries Institute

David Cheshier, director and faculty coordinator, dcheshier@gsu.edu

The interdisciplinary major concentration in Media Entrepreneurship prepares students for entry into a changing media environment with an understanding of current business dynamics and opportunities. Students will gain grounding in the skills they need to start their own businesses and to bring innovative and entrepreneurial thinking to traditional media organizations. Throughout the program, students will examine organizational culture, emerging and traditional business models, opportunities and challenges presented by the start-up climate, and will discuss how to leverage digital media tools in an entrepreneurial context.

Program Admission

Students may enroll in a concentration upon admission to Georgia State University. Students who wish to change their major to this degree program should select a concentration in consultation with their academic advisor and the faculty coordinator. A 2.0 Georgia State University GPA is required.

Students who enroll in a concentration will be required to submit a course plan checklist to demonstrate their understanding of the degree requirements. It is highly recommended that students develop a course of study with their specific faculty coordinator before taking coursework in the degree program to avoid taking courses that will not count towards graduation.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

Bachelor of Interdisciplinary Arts students should also consult regularly with the faculty program coordinator for the specific program regarding course selection, program plans, experiential learning, and other academic opportunities.

Program Degree Requirements

Please refer to the Bachelor of Interdisciplinary Studies section 3030.30 of this catalog for academic regulations for this program.

Students must complete coursework in at least three disciplines (defined by course prefixes) in Area G and in at least two disciplines in Area H. Areas G and H should be constructed so that students take courses in

distinct disciplines in each area (with some overlap expected); that is, the same prefix should not predominate in both Area G and H.

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).

Bachelor of Interdisciplinary Studies Concentration in Media Entrepreneurship

Area F: Courses Appropriate to the Major (18)

1. World language at the 1002 level or above (3)
2. Select additional elective courses from the following to complete 18 hours in Area F:
    - ART 1010 Drawing I (3)
    - ART 1020 Two-Dimensional Design (3)
    - ACCT 2101 Principles of Accounting 1 (3)
    - ACCT 2012 Principles of Accounting II (3)
    - BUSA 2106 Legal Environment for Business (3)
    - CIS 2010 Introduction to Computer Based Information Systems (3)
    - CMIS 2000 Introduction to On-Set Film Production (6)
    - CMIS 2100 Introduction to Games Industries (3)
    - ECON 2105 Introduction to Macroeconomics (3)
    - ECON 2106 Introduction to Microeconomics (3)
    - FLME 1010 Film Aesthetics and Analysis (3)
    - FLME 2700 History of the Motion Picture (3)
    - JOUR 1000 Introduction to Mass Communication (3)
    - JOUR 1010 Basic News Writing (3)
    - JOUR 2500 Foundations of Media Research (3)
    - MATH 1070 Elementary Statistics (3)
    - MATH 1113 Precalculus (3)
    - MUS 1430 Fundamentals of Music (3)
    - MUS 1440 Theory I (3)
    - MUS 1540 Theory II (3)
    - MUS 2440 Theory III (3)
    - THEA 2210 Beginning Acting (3)

Many of the courses listed above are required prerequisites for Media Entrepreneurship BIS courses in Area G and H. Students should select Area F courses in consultation with a BIS advisor.

Area G: Area of Concentration (27-33 hours)

Students must complete coursework in at least three disciplines (defined by course prefixes) in Area G.

1. Required courses (9)
    - BUSA 3090 Survey of Business Principles for Non-Business Students (3)
    - ENI 3101 Entrepreneurial Thinking for Startups (3)
    - Select one course to fulfill the Critical Thinking Through Writing (CTW) requirement:

- CMIS 4910 Topics in Creative Media-CTW (3)
- JOUR 4800 Media Ethics and Society-CTW (3)
- Directed Readings-CTW course (number 4995 in multiple subjects)

2. Entrepreneurship Core (6)
    - CMIS 4000 New Ventures in Creative Media (3)
    - CMIS 4010 Media Business Development (3)
    - ENI 3102 The Startup Venture (3)
    - ENI 3103 Commercializing the Startup (3)
    - FLME 4156 Media Entrepreneurship (4)
    - JOUR 4900 Journalism Entrepreneurship (3)
    - MTM 3440 Entrepreneurship in the Music Industry (3)
    - MK 4850 Marketing for Entrepreneurs (3)
3. Media Industry/Law/Policy/Management (9)
    - ACCT 4111 Intermediate Accounting I (3)
    - BCOM 3950 Business Communication and Professional Development (3)
    - BUSA 3000 Globalization and Business Practice (3)
    - CIS 3730 Database Management Systems (3)
    - CMIS 4030 Managing the Creative Enterprise (3)
    - CMIS 4050 Producing Television (3)
    - CMIS 4914 Special Topics in Media/Arts Entrepreneurship (3)
    - CMIS 4600/MTM 3010 Introduction to Music Industry (3)
    - CMIS 4630/MTM 3050 Legal Aspects of the Music Industry (3)
    - CMIS 4660/MTM 3450 Artist Representation (2)
    - CMIS 4915 Special Topics in Advanced Technology Media Production (3)
    - CMIS 4980 Internship (1-6)
    - ENI 4100 From Startup to Growth Company (3)
    - FLME 4800 Film and Media Industries (3)
    - JOUR 3060 Communication Law and Regulation (3)
    - JOUR 4770 Media Management and Marketing (3)
    - LGLS 3020 Introduction to the Law (3)
    - LGLS 4050 Principles of Business Law (3)
    - LGLS 4060 Internet Law (3)
    - MGS 3400 Managing People in Orgs (3)
    - MGS 4430 Negotiation (3) (BIS students have only BUSA 3090 as prereq with consent of instructor.)
    - MGS 4500 Entrepreneurship/New Venture Management (3) (BIS students have only BUSA 3090 as prereq with consent of instructor.)
    - MTM 3300 Copyright and Music Publishing (3)
    - MTM 3440 Entrepreneurship in the Music Industry (3)
4. Marketing and Promotion (6)
    - CMIS 4980 Internship (1-6)
    - CMIS 4030 Managing Creative Enterprise (3)
    - CMIS 4610/MTM 3020 Promotion of Recorded Music (3)
    - ENGL 3110 Technical Writing (3)
    - ENGL 3120 Digital Writing and Publishing (3)
    - ENGL 3130 Business Writing (3)
    - JOUR 3500 Public Relations Techniques (3)

- JOUR 3950 Public Relations Research (3)
- JOUR 4540 Public Relations Campaigns (3)
- JOUR 4610 Applied Graphic Communication (3)
- JOUR 4770 Media Management and Marketing (3)
- MK 3010 Marketing Management (3)
- MK 4100 Buyer Behavior (3)
- MK 4150 Business-to-Business Marketing (3)
- MK 4330 Principles of Professional Sales (3)
- MK 4305 Social Media Marketing (3)
- MK 4200 Marketing Research (3)
- MK 4620 Product Management (3)
- MK 4850 Marketing for Entrepreneurs (3)
- MTM 3030 Marketing and Branch Distribution in the Music Industry (3)

Area H Allied Field (15-21 hours)

Students must complete coursework in at least two disciplines (defined by course prefixes) in Area H.

All courses taken in Area H must be approved by the faculty program coordinator. Courses cannot count in both Area G and Area H.

- ACCT 4111 Intermediate Accounting I (3)
- BCOM 3950 Business Communication and Professional Development (3)
- BUSA 3000 Globalization and Business Practice (3)
- CIS 3260 Introduction to Programming] (3)
- CIS 3730 Database Management Systems (3)
- CIS 4120 Defining and Innovating Business Processes (3)
- CMIS 3150 Game Programming and Development 1 (4)
- CMIS 4000 New Ventures in Creative Media (3)
- CMIS 4010 Media Business Development (3)
- CMIS 4030 Managing Creative Enterprise (3)
- CMIS 4040 Innovations in Media Technology (3)
- CMIS 4050 Producing Television (3)
- CMIS 4060 Designing Immersive Media Experiences (4)
- CMIS 4100 Game Design (4)
- CMIS 4120 Game Programming and Development 2 (4)
- CMIS 4140 Computer Graphics Imaging (4)
- CMIS 4160 Computer Animation (4)
- CMIS 4180 Visual Effects for Games (4)
- CMIS 4600/MTM 3010 Introduction to Music Industry (3)
- CMIS 4610/MTM 3020 Promotion of Recorded Music (3)
- CMIS 4630/MTM 3050 Legal Aspects of the Music Industry (3)
- CMIS 4660/MTM 3450 Artist Representation (2)
- CMIS 4870 Honors Thesis (Research) (3)
- CMIS 4880 Honors Thesis (Writing) (3)
- [CMIS 4914 Special Topics in Media/Arts Entrepreneurship (3)
- [CMIS 4915 Special Topics in Advanced Technology Media Production (3-4)

- CMIS 4980 Internship (1-6)
- ENGL 3110 Technical Writing (3)
- ENGL 3120 Digital Writing and Publishing (3)
- ENGL 3130 Business Writing (3)
- ENGL 3135 Visual Rhetoric (3)
- ENI 3102 The Startup Venture (3)
- ENI 3103 Commercializing the Startup (3)
- ENI 4100 From Startup to Growth Company (3)
- FLME 3100 Television Practicum (1-4)
- FLME 3115 Screenwriting & Visualization for the Short Film (4)
- FLME 3300 Dramatic Writing for Stage and Screen (3)
- FLME 3900 Language of Film Through Production (3)
- FLME 4000 Acting and Directing for the Camera (4)
- FLME 4120 Production I (4)
- FLME 4156 Media Entrepreneurship (4)
- FLME 4310 Feature Screenwriting I (3)
- FLME 4320 Feature Screenwriting II (3)
- FLME 4800 Film and Media Industries (3)
- GRD 3000 Introduction to Graphic Design (3)
- GRD 3200 Intermediate Graphic Design (3)
- GRD 3300 Illustration Design (3)
- GRD 4100 Print and Editorial Design (3)
- GRD 4310 Multimedia Design (3)
- GRD 4350 Graphic Design through Advertising (3)
- GRD 4400 Graphic Design for Film and TV (3)
- JOUR 3060 Communication Law and Regulation (3)
- JOUR 3500 Public Relations Techniques (3)
- JOUR 3900 Digital Journalism (3)
- JOUR 3950 Public Relations Research (3)
- JOUR 4500 Visual Communication (3)
- JOUR 4540 Public Relations Campaigns (3)
- JOUR 4610 Applied Graphic Communication (3)
- JOUR 4770 Media Management and Marketing (3)
- JOUR 4900 Journalism Entrepreneurship (3)
- JOUR 4900 Television Practicum (1-4)
- LGLS 3020 Introduction to the Law (3)
- LGLS 4050 Principles of Business Law (3)
- LGLS 4060 Internet Law (3)
- MGS 3400 Managing People in Orgs (3)
- MGS 4430 Negotiation (3) (BIS students have only BUSA 3090 as prereq with consent of instructor.)
- MGS 4500 Entrepreneurship/New Venture Management (3) (BIS students have only BUSA 3090 as prereq with consent of instructor.)
- MK 3010 Marketing Management (3)
- MK 4100 Buyer Behavior (3)
- MK 4150 Business-to-Business Marketing (3)
- MK 4200 Marketing Research (3)

- MK 4305 Social Media Marketing (3)
- MK 4330 Principles of Professional Sales (3)
- MK 4620 Product Management (3)
- MK 4850 Marketing for Entrepreneurs (3)
- MTM 3030 Marketing and Branch Distribution in the Music Industry (3)
- MTM 3120 Digital Audio Technology and Recording Techniques (4)
- MTM 3300 Copyright and Music Publishing (3)
- MTM 3440 Entrepreneurship in the Music Industry (3)
- MUS 4730 Computer Applications in Music (2)
- MUS 4981 Computer Music (3)
- PHOT 3020 Photo 1 for Non-Photo Majors (3)
- PHOT 3200 Color Photography (3)
- PHOT 3300 Studio Photography (3)
- PHOT 3500 Digital Photography (3)
- SCOM 4500 Visual Communication (3)
- THEA 3300 Dramatic Writing for Stage and Screen (3)
- THEA 4000 Acting and Directing for the Camera (4)

3420 Middle East Studies

Programs Offered:

- **Bachelor of Interdisciplinary Studies with a Concentration in Middle East Studies**
- **Minor in Middle East Studies**
- **Minor in Arabic**

Department of World Languages and Cultures
19th floor, 25 Park Place Bldg.
404-413-5980
wlc.gsu.edu

William Nichols, Chair
Germán Torres, Associate Chair
Faye Stewart, Undergraduate Director
Ian Campbell, Faculty Coordinator

The Department of World Languages and Cultures offers an interdisciplinary major in Middle East Studies (MES), a minor in Middle East Studies and a minor in Arabic. The major is ideal for students who want a well-rounded understanding of the Middle East along with the opportunity to study languages of the region. Students take courses on the Middle East in a variety of disciplines, including history, political science, religious studies, communication and women's studies. Each student selects the specific courses included in his or her program of study in consultation with a program advisor. The MES major prepares students for graduate school or for careers in government, business, the non-profit sector or the military.

MES faculty offer courses in three Middle Eastern languages: Arabic, Hebrew and Turkish. Summer intensive courses are offered in some languages. The department encourages students to take advantage of study abroad opportunities to deepen their knowledge of the culture and languages of the Middle East.

The department and the Middle East Center sponsor a dynamic set of activities outside the classroom, including a lecture series and cultural activities, focused on achieving greater understanding of the rich and varied cultures of the Middle East. Arabic and Turkish coffee hours are a great way for students to engage with other students and faculty and experience Middle East culture. For more information visit: wlc.gsu.edu.

Program Admission

Students may enroll in a concentration upon admission to Georgia State University. Students who wish to change their major to this degree program should select a concentration in consultation with their academic advisor and the faculty coordinator. A 2.0 Georgia State University GPA is required.

Students who enroll in a concentration will be required to submit a course plan checklist to demonstrate their understanding of the degree requirements. It is highly recommended that students develop a course of study with their specific faculty coordinator before taking coursework in the degree program to avoid taking courses that will not count towards graduation.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

Program Degree Requirements

Please refer to the Bachelor of Interdisciplinary Studies section 3030.30 of this catalog for academic regulations for this program.

Students must complete coursework in at least three disciplines (defined by course prefixes) in Area G and in at least two disciplines in Area H. Areas G and H should be constructed so that students take courses in distinct disciplines in each area (with some overlap expected); that is, the same prefix should not predominate in both Area G and H.

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Program Financial Information

Effective summer 2009, lab fees will be assessed automatically for students who register for certain courses. As a result, students will no longer be required to purchase lab fee cards. For more information, please feel free to contact the department or review the GoSolar or catalog course listings to determine if a course includes a lab fee.

B.I.S. with a Concentration in Middle East Studies

Area F: Courses Appropriate to the Major (18)

1. Required Language Courses: competency in Arabic, Hebrew, Turkish, or another Middle Eastern language through 2002 level (9-12)
2. Select additional elective courses from the following to complete 18 hours in Area F:
    - AH 1700 Survey of Art I: Western Art from Antiquity to the Middle Ages (3)
    - AH 1750 Survey of Art II: Western Art from the Renaissance to the Present (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)

Students must complete coursework in at least three disciplines (defined by course prefixes) in Area G.

1. Required Course to fulfill CTW requirement (3)
   Select one course:

   - ECON 3900 Macroeconomics (3)
   - HIST 3000 Introduction to Historical Studies-CTW (3)
   - POLS 3800 Introduction to Political Research-CTW (3)
   - RELS 3750 Theories and Methods in Religious Studies-CTW (3)
2. Required Course to fulfill CTW requirement (3)
   Select one course:

   - ARBC 4501 Classical Arabic Lit & Culture (3)
   - ARBC 4502 Modern Arabic Literature in Translation (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 the program coordinator.
   - 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 (3)
   - ARBC 3002 Advanced Arabic II (3)
   - ARBC 4501 Classical Arabic Literature and Culture (3)
   - ARBC 4502 Modern Arabic Literature in Translation (3)
   - HIST 4640 The Holocaust (3)
   - MES 3110/HIST 3500 The Ancient Mediterranean (4)
   - MES 3400/RELS 3400 Introduction to Judaism (3)
   - MES 3500/RELS 3500 Introduction to Islam (3)
   - MES 3710/JST 3000 Introduction to Jewish Studies (3)
   - MES 4110/HIST 3780 The Middle East, 600 to 1800 (4)
   - MES 4120/HIST 3790 The Middle East since 1800 (4)
   - MES 4130/HIST 4525 Worlds of Eastern Christianity (to 1300) (4)
   - MES 4140/HIST 4510 Origins and Collapse of Ancient Near Eastern Societies (4)
   - MES 4150/HIST 4520 Ancient Persia, Greece, and Rome (4)
   - MES 4210/POLS 4260 Politics of the Middle East and North Africa (3)
   - MES 4220/POLS 4285 Politics and Religion in Comparative Perspective (3)
   - MES 4230/POLS 4952 Model Arab League (3)
   - MES 4258/POLS 4258 Government and Politics of South Asia (3)

- MES 4310/GEOG 4408 Geography of the Middle East and North Africa (4)
- MES 4420/RELS 4450 Modern Judaism (3)
- MES 4430/RELS 4480 Islamic Fundamentalism in the Modern World (3)
- MES 4440/RELS 4570 Special Topics in Islam (3)
- MES 4450/RELS 4580 Life of Muhammad (3)
- MES 4510/AH 4010 Art of Ancient Egypt and Nubia (3)
- MES 4511/AH 4011 Art and Architecture of Ancient Egypt I: 4000-1600 BC (3)
- MES 4512/AH 4012 Art and Architecture of Ancient Egypt II: 1600 BC-31 BC (3)
- MES 4520/AH 4020 Art and Architecture of the Ancient Near East (3)
- MES 4530 Islamic Philosophy (3)
- MES 4590 Special Studies Seminar (1-6)
- WGSS 4910 Special Topics (3) (when appropriate, i.e. Arab and Islamic Feminisms)

New courses are regularly added to this list, please check with the Department of World Languages and Cultures for the most recent list of courses.

Area H: Allied Field (15-21)

Students must complete coursework in at least two disciplines (defined by course prefixes) in Area H. In consultation with the adviser, students choose courses in from two or more departments.

Area J: Electives

Electives are used to build the hours in Areas G-J to 60 hours, have 39 hours at Georgia State University taken at the 3000-4000 level for residency, and complete 120 hours required for graduation.

Study Abroad

Students are strongly encouraged to participate in a study abroad program to the region. MES faculty members regularly conduct related summer programs. Students may also study abroad in the region on semester and year-long programs.

Minor in Middle East Studies

Select 15 semester hours from the following courses or other appropriate courses selected in consultation with the program coordinator:

- 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 (3)
- ARBC 3002 Advanced Arabic II (3)
- ARBC 4501 Classical Arabic Literature and Culture (3)
- ARBC 4502 Modern Arabic Literature in Translation (3)
- HIST 4640 The Holocaust (3)
- MES 3110/HIST 3500 The Ancient Mediterranean (4)
- MES 3400/RELS 3400 Introduction to Judaism (3)

- MES 3500/RELS 3500 Introduction to Islam (3)
- MES 3520/RELS 3520 Sufism and Islamic Mysticism (3)
- MES 3710/JST 3000 Introduction to Jewish Studies (3)
- MES 4110/HIST 3780 The Middle East, 600 to 1800 (4)
- MES 4120/HIST 3790 The Middle East since 1800 (4)
- MES 4130/HIST 4525 Worlds of Eastern Christianity (to 1300) (4)
- MES 4140/HIST 4510 Origins and Collapse of Ancient Near Eastern Societies (4)
- MES 4150/HIST 4520 Ancient Persia, Greece, and Rome (4)
- MES 4210/POLS 4260 Politics of the Middle East and North Africa (3)
- MES 4220/POLS 4285 Politics and Religion in Comparative Perspective (3)
- MES 4230/POLS 4952 Model Arab League (3)
- MES 4258/POLS 4258 Government and Politics of South Asia (3)
- MES 4310/GEOG 4408 Geography of the Middle East and North Africa (4)
- MES 4420/RELS 4450 Modern Judaism (3)
- MES 4430/RELS 4480 Islamic Fundamentalism in the Modern World (3)
- MES 4440/RELS 4570 Special Topics in Islam (3)
- MES 4450/RELS 4580 Life of Muhammad (3)
- MES 4510/AH 4010 Art of Ancient Egypt and Nubia (3)
- MES 4511/AH 4011 Art and Architecture of Ancient Egypt I: 4000-1600 BC (3)
- MES 4512/AH 4012 Art and Architecture of Ancient Egypt II: 1600 BC-31 BC (3)
- MES 4520/AH 4020 Art and Architecture of the Ancient Near East (3)
- MES 4530 Islamic Philosophy (3)
- MES 4590 Special Studies Seminar (1-6)
- WGSS 4910 Special Topics (3) (when appropriate, i.e. Arab and Islamic Feminisms)

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the undergraduate director for the specific criteria for this honor.

3430 Military Science and Leadership

Program Offered:

- **Interdisciplinary Minor in Advanced Leadership and Management**
    - **Concentration in Human Behavior**
    - **Concentration in Military History**
    - **Concentration in Management**
    - **Concentration in National Security Studies**

Department of Military Science and Leadership
120 Courtland Building
404-413-6487
www.gsu.edu/rotc

The Department of Military Science and Leadership, most often referred to as the Reserve Officer's Training Corps (ROTC), develops leadership and problem solving skills training, through hands-on training and classroom instruction by experienced, active-duty Army officers and non-commissioned officers. Students learn the necessary skills to become successful civilian or military professionals. Students apply leadership, organizational and personnel management skills in a variety of challenging environments. Qualified students may obtain a commission as a Second Lieutenant, with the opportunity to serve as either full time in the active Army, or full or part time in the National Guard or U.S. Army Reserve. Students may also compete for two, three, or four year ROTC scholarships.

The basic courses (MSL 1000 and 2000 series) are normally taken in the freshman and sophomore years. Contracted students in the basic course are paid $425 per month while enrolled. Successful completion of the basic course gives students the credentials necessary for enrollment in the advanced course. The advanced course (MSL 3000 and 4000 series) is taken during the final two years of college and includes an advanced summer training between the junior and senior years. Students in the advanced program are paid $425 per month while enrolled, and earn a salary for all summer internships.

Army ROTC offers opportunities for scholarships for the full amount of tuition and fees or for room and board up to $10,000. Students may apply for two, three and four year scholarships. Each contracted cadet receives a tax free allowance each month classes are in session. Army ROTC scholarships are awarded on the basis of merit. Family income has no bearing on eligibility for an award. For more details, contact the scholarship advisor at the ROTC department at 404-413-6492.

Nursing

GSU Army ROTC also offers a unique scholarship opportunity for School of Nursing students. These scholarships cover full tuition, books and fees, and provide a monthly allowance. Two, three, and four-year scholarships are available for all qualified nursing majors. Contact the scholarship advisor at the ROTC department at 404-413-6492.

Veterans

Students with prior military experience can fulfill credit requirements for the ROTC basic course. If credit

is granted, and provided the student is not on a three year Army ROTC scholarship, veterans may bypass the freshman and sophomore years of ROTC and enroll directly in the advance course. In addition to any financial assistance from ROTC veterans are still qualified to receive any and all GI Bill, Army College Fund, or VEAP benefits to which they are entitled.

Simultaneous Membership Program

Students my take advantage of the Simultaneous Membership Program (SMP), which allows participation in ROTC and enlistment in the Army National Guard or Reserve at the same time. SMP students serve as officer trainees in a Guard or Reserve unit and perform duties commensurate with the grade of Second Lieutenant. SMPs are paid at the rate of at least a Sergeant E-5 for Guard or Reserve service.

Program Degree Requirements

Minor in Advanced Leadership and Management

General Minor Requirements

1. A cumulative Georgia State University grade-point average of 2.0.
2. All courses for the minor must be taken at the 3000 level or above.
3. No more than six hours may be taken in any department/school/institute.
4. A grade of C or higher is required in all minor courses.
5. Completion of courses required for major.
6. Minor courses cannot be from a major area.

Advanced Leadership and Management Requirements

1. Acceptance into the program by the Professor of Military Science (PMS) and the Bachelor of Interdisciplinary Studies (BIS) council.
2. A grade-point average of 2.0 or higher in all military science courses.
3. Must be enrolled in the Advanced Military Science program.
4. Successful completion of Leader Development Assessment Course (LDAC).
5. Completion of HIST 3625 War in Europe and America Since 1500 (3)
6. Select one course. (3)
    - ENGL 3110 Technical Writing (3)
    - ENGL 3130 Business Writing (3)
    - ENGL 3210 Advanced Grammar (3)
    - SCOM 3010 Advanced Public Speaking (3)
    - SCOM 3210 Business and Professional Communication (3)
7. Select two courses. Only one course may be chosen from each concentration (6)
    1. **Human Behavior Concentration**
        - PSYC 3110 Psychology of Interpersonal Behavior (3)
        - PSYC 3560 Leadership and Group Dynamics (3)
        - PSYC 4160 Theories of Personality (3)
    2. **Military History Concentration**
        - HIST 3220 United States in the Twentieth Century (4)
        - HIST 3790 The Middle East since 1800 (4)

    - HIST 4230 Foreign Relations of the United States (4)
    - HIST 4600 Russia and the Soviet Union since 1861 (4)
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
- Advance Camp (Ft. Knox, KY – Summer)

Basic Progression:

- Basic Camp (Ft. Knox, KY – Summer)
- MSL 3000-4000 level courses
- Advance Camp (Ft. Knox, KY – Summer)

JROTC-ROTC:

- 4 years of Junior ROTC
- MSL 3000-4000 level courses
- Advance Camp (Ft. Knox, KY – Summer)

Prior Service:

- Basic Training
- MSL 3000-4000 level courses
- Advance Camp (Ft. Knox, KY – Summer)

3445 Neuroscience

Programs Offered:

- **Bachelor of Science in Neuroscience**
    - **Pre-Medical Concentration**
- **Minor in Neuroscience**
- **Dual B.S./M.S. Program in Neuroscience**

Neuroscience Institute
Georgia State University
880 Petit Science Center
neuroscience.gsu.edu

Nancy G. Forger, Interim Director
Joseph J. Normandin, Director of Undergraduate Studies

Neuroscience asks how the brain and body produce our sensations, our thoughts, our behavior and the behavior of other animals. Neuroscientists address fundamental and health-related questions that affect every aspect of our lives and society. To answer them, neuroscience bridges the biological, chemical, physical, behavioral and computational sciences, as well as philosophy, engineering, and medicine. Neuroscience is among the fastest growing fields of science and medicine. Neuroscience is interdisciplinary, as shown by the Neuroscience Institute's faculty and the neuroscience course offerings. Faculty are drawn from multiple departments, including Biology, Chemistry, Computer Science, Communication, Education, Law, Mathematics and Statistics, Neuroscience Institute, Nursing, Philosophy, Physics and Astronomy, and Psychology (see neuroscience.gsu.edu/contact-us-2/ni-faculty/ for a full list). They teach courses in cell and molecular neuroscience, computational neuroscience, neuroethology (animal behavior), drugs and the nervous system, cognitive neuroscience, neuroethics, and medical neuroanatomy, among many others. For questions about the major, students should contact the Undergraduate Coordinator who will help connect them with an appropriate faculty member.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

B.S. in Neuroscience

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).

Area A:

- Recommended course: MATH 1112 College Trigonometry (3) or MATH 1113 Precalculus (3) or higher level MATH course. MATH 1113 recommended.

Area B:

- Recommended course: PHIL 1010 Critical Thinking (2)

Area D:

- Recommended courses (select one of the sequences below):
- PHYS 1111K Introductory Physics 1 (4) and PHYS 1112K Introductory Physics II (4)
- PHYS 2211K Principles of Physics I (4) and PHYS 2212K Principles of Physics II (4)

- Required course: Any mathematics course not taken in Area A from the following choices: MATH 2201, MATH 2202, or any comparable higher-level math.

Area F: Courses Appropriate for the Major (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 additional elective courses from the following to complete 18 hours in Area F:
    - ANTH 2010 Introduction to Biological Anthropology (3)
    - BIOL 2240 Human Physiology (3)
    - BIOL 2800 Introduction to Molecular Biology (2)
    - CHEM 2400 Organic Chemistry I (3)
    - NEUR 2000 Brain Basics: Introduction to Neuroscience (3)
    - PHIL 2010 Introduction to Philosophy (3)
    - PSYC 2050 Introduction to Drugs and Behavior (3)

- Students who decide to major in neuroscience after completing BIOL 1103K may take it for credit toward Area F if they complete BIOL 2108K and BIOL 2800] before enrolling in major courses (Area G).
- Students who decide to major in neuroscience after completing BIOL 1103K and BIOL 1104K may use these courses for credit toward Area F if they complete BIOL 2800 before enrolling in major courses (Area G).
- All courses above ending in K are commonly offered as separate lecture and lab (L) courses by GSU's Perimeter College. The combined (K) courses and separate lecture and lab (L) courses cover the same subject matter and are considered equivalent courses.
- Any credit hours exceeding 18 earned to complete the Areas A-F requirements will count toward elective hours.

Area G: Major Courses (36)

(A grade of C or better is required in all area G courses)

1. Neuroscience Core Requirements (16)
    - NEUR 3000 Principles of Neuroscience I (4)
    - NEUR 3001 Principles of Neuroscience II (4)
    - NEUR 3020 The Scientific Method in Neuroscience-CTW (4)
    - NEUR 4000 Neuroscience Laboratory (4)
2. Neuroscience Electives (at least 10 hours from the following list of courses):
    - NEUR 2010 Professional Development in Neuroscience (2)
    - NEUR 4010 Cellular and Molecular Neuroscience (4)
    - NEUR 4020 Cognitive Neuroscience (4)
    - NEUR 4030 Computational Neuroscience (4)
    - NEUR 4040 Neuroethology (4)
    - NEUR 4050 Statistics for Neuroscience (4)
    - NEUR 4060 Neurophysiology (4)
    - NEUR 4070 Sensory Neuroscience (3)
    - NEUR 4080 Clinical Neuroscience (4)
    - NEUR 4100 Developmental Neurobiology (4)
    - NEUR 4115 Medical Neuroanatomy (4)
    - NEUR 4150 Drugs and the Nervous System (3)
    - NEUR 4200 Neuroscience of Memory (3)
    - NEUR 4250 Neuroscience of Motivation and Emotion (3)
    - NEUR 4330 Functional Neuroimaging (3)
    - NEUR 4340 Neurophysics (3)
    - NEUR 4350 Numerical Methods for Neuroscience (3)
    - NEUR 4360 Mathematical Biology (3)
    - NEUR 4370 Applied Dynamical Systems (3)
    - NEUR 4420 Hormones and Behavior (4)
    - NEUR 4576 Neurovirology (4)
    - NEUR 4610 Neurorobotics (4)
    - NEUR 4700 Neural Plasticity (4)
    - NEUR 4910 Topics in Neuroscience (1-4)
3. Neuroscience-related Electives (at least 10 hours from courses on the list below, or from the list of Neuroscience Electives above, if the course is not being used to fulfill the Neuroscience Electives requirement). Other neuroscience-related electives not on this list may fulfill this elective requirement with permission of the Director of Undergraduate Studies.
    - ANTH 4300 Human Evolution (3)
    - BIOL 3440 Fundamentals of Evolution (3)
    - BIOL 3800 Molecular Cell Biology (3)
    - BIOL 3810 Molecular Cell Biology Lab (3)
    - BIOL 3840 Animal Biology (3)
    - BIOL 3850 Animal Biology Lab (1)
    - BIOL 3900 Genetics (3)
    - BIOL 3910 Genetics Lab (1)
    - BIOL 4045K General Ecology (4)
    - BIOL 4074 Developmental Biology (4)
    - BIOL 4240 Endocrinology (4)
    - BIOL 4246 Advanced Human Physiology (4)
    - BIOL 4248 Cell Physiology (4)

- BIOL 4630 Enzymology (3)
- BIOL 4744 Biostatistics (3)
- BIOL 4800 Principles of Cell Biology (4)
- CHEM 4600 Biochemistry (5) (unless used to meet requirement for Pre-Medicine Concentration)
- MATH 2652 Differential Equations (3)
- MATH 2641 Linear Algebra I (3)
- NEUR 3690 Honors Readings (1-3)
- NEUR 4870 Neuroscience Honors Thesis: Research (3-6)
- NEUR 4880 Neuroscience Honors Thesis: Writing (3)
- NEUR 4900 Advanced Neuroscience Laboratory (4)
- NEUR 4920 Internship in Neuroscience (2)
- NEUR 4930 Internship in Science Education (2)
- NEUR 4950 Supplemental Laboratory in Neuroscience (1)
- NEUR 4980 Undergraduate Research in Neuroscience (up to 5 hours may be applied to requirement)
- PHIL 3330 Mind and Brain (3)
- PHIL 4130 Philosophy of Science (3)
- PHIL 4330 Philosophy of Mind (3)
- PHIL 4340 Philosophy and Cognitive Science (3)
- PHIL 4770 Moral Psychology (3)
- PHIL 4780 Neuroethics (3)
- PHIL 4790 Topics in Neuroethics (3)
- PHYS 3500 Electronics (3)
- PSYC 3140 Abnormal Psychology (3)
- PSYC 4100 Cognitive Psychology (3)
- PSYC 4116 Primate Behavior (3)
- PSYC 4120 Learning (3)
- PSYC 4140 Introduction to Psychophysiology (4)
- PSYC 4560 Psychology of Animal Behavior (3)
- PSYC 4660 Applied Animal Behavior (3)

Pre-Medicine Concentration

A pre-medicine concentration is available for B.S. in Neuroscience majors. Please contact the Undergraduate Coordinator for further information.

Pre-med students are also required to take:

- CHEM 2400 Organic Chemistry I (3)
- CHEM 2410 Organic Chemistry II (3)
- CHEM 2100 Intermediate Organic Chemistry Laboratory I (2)
- CHEM 3110 Intermediate Organic Chemistry Laboratory II (2)
- CHEM 4600 Biochemistry (5)

Minor in Neuroscience

Students who wish to minor in Neuroscience must take NEUR 3000 and at least 12 additional hours in Neuroscience courses (any courses with NEUR prefix). A grade of C or higher is required in all courses counting toward the minor.

Area H: Minor and Additional Courses

1. Students majoring in Neuroscience are encouraged, but not required, to take a minor.
2. Students majoring in Neuroscience must take additional courses as electives to complete 120 hours. Students are encouraged to choose electives from the lists above.

Dual B.S./M.S. Program in Neuroscience

The Neuroscience Institute offers a dual Bachelor of Science and Master of Science in Neuroscience. The dual degree opportunity enables qualified students to enroll in graduate courses late in their undergraduate program and apply the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by the Neuroscience Institute and College of Arts and Sciences to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

Graduation with Distinction in the Major

This program offers undergraduate students the opportunity to earn the designation of graduation with distinction in the major. To graduate with distinction in the Neuroscience major, the student must have at least a 3.5 GPA in the major and a 3.5 GPA overall, and must be in good academic standing. The Undergraduate Program Committee may make rare exceptions (e.g. for students with a record of outstanding research or other accomplishments in neuroscience).

3450 Philosophy

Programs Offered:

- **Bachelor of Arts in Philosophy**
  - **Concentration in Pre-Law**
- **Minor in Philosophy**
- **Minor in Law and Ethics**

Department of Philosophy
16th floor, 25 Park Place Bldg.
404-413-6100
philosophy.gsu.edu

Eddy Nahmias, Chair
Eric Wilson, Director of Undergraduate Studies

Philosophy is the study of what exists, how we know, and how to live. Students of philosophy consider questions about the scientific method, human nature, justice, God, art, and the meaning of life. Philosophy majors develop the intellectual abilities to think critically and to write and communicate effectively. They learn to apply these valuable skills in other disciplines, in their career, and in their life. Because philosophy deals with fundamental questions and explores methods for answering them, it is highly interdisciplinary, connecting to every other discipline in the university curriculum. Hence, philosophy is an ideal double major or minor. Philosophy prepares students for careers and graduate programs that value the abilities to solve problems, to communicate clearly, to learn new skills, and to use new knowledge. It is an excellent major for a wide range of careers, including law, government, the sciences, medicine, public service, education, religion, writing, media, and all areas of business.

The Department of Philosophy offers a B.A. in Philosophy and B.A. in Philosophy with a Pre-Law Concentration, as well as a minor in Philosophy and a minor in Law and Ethics. The Department maintains an extensive website at philosophy.gsu.edu.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

Program Academic Regulations

A 2000 or 3000-level philosophy course is a prerequisite for all 4000-level philosophy courses. Majors are strongly urged to take PHIL 2010 and PHIL 3000 before taking 4000-level courses.

Program Degree Requirements

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

B.A. in Philosophy

Area F: Courses Appropriate to the Major (18)

1. Required Courses (8-9):
    a. One of the following (2-3):
        - PHIL 1010 Critical Thinking (2)
        - PHIL 2500 Introduction to Symbolic Logic (3) (Required for Graduation with Distinction and can improve performance on LSAT for Pre-Law students.)
    b. One of the following (3):
        - PHIL 2010 Introduction to Philosophy (3)
        - PHIL 2030 Introduction to Ethics (3)
    c. World language at the 1002 or higher level (3)
2. Select additional 1000- or 2000-level courses from any department with a subject in the core curriculum to complete 18 hours in Area F.
    - Recommended courses for the B.A. in Philosophy with no concentration: Any 1000/2000-level philosophy courses not used to fulfill requirements in Areas B, C, or F.
    - Recommended courses for the B.A. in Philosophy with a Pre-Law concentration:
        - Any 1000/2000-level philosophy courses not used to fulfill requirements in Areas B, C, or F.
        - ECON 2105 Principles of Macroeconomics (3)
        - ECON 2106 Principles of Microeconomics (3)

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 Requirement (3):
    - PHIL 3000 Introductory Seminar in Philosophy-CTW (3)
2. History of Philosophy Requirements (6):
    - PHIL 3010 Origins of Western Philosophy (3)
    - PHIL 3020 17th-18th Century Philosophy (3)
3. Value Theory Requirement (3):
   Select at least one of the following courses.

    - PHIL 4700 Ethics (3)
    - PHIL 4740 Advanced Biomedical Ethics (3)
    - PHIL 4750 Topics in Ethics (3)
    - PHIL 4760 Ethics and Contemporary Public Policy (3)
    - PHIL 4770 Moral Psychology (3)
    - PHIL 4780 Neuroethics (3)
    - PHIL 4790 Topics in Neuroethics (3)

    - PHIL 4800 Social and Political Philosophy (3)
    - PHIL 4820 Philosophy of Law (3)
    - PHIL 4830 Topics in Philosophy of Art (3)
    - PHIL 4855 Advanced Topics in Political Theory (3)
    - PHIL 4860 Feminist Philosophy (3)
    - PHIL 4890 Topics in Social and Political Philosophy (3)
4. Metaphysics and Epistemology Requirement (3):
   Select at least one of the following courses.

    - PHIL 4100 Epistemology (3)
    - PHIL 4130 Philosophy of Science (3)
    - PHIL 4150 Topics in Epistemology (3)
    - PHIL 4300 Metaphysics (3)
    - PHIL 4330 Philosophy of Mind (3)
    - PHIL 4340 Philosophy and Cognitive Science (3)
    - PHIL 4350 Topics in Metaphysics (3)
    - PHIL 4530 Philosophy of Language (3)
5. Select four more philosophy courses at the 3000 or 4000-level. (12)

B.A. in Philosophy with a Pre-Law Concentration

Area A-F requirements are the same for the B.A. in Philosophy and the B.A. in Philosophy with a Pre-Law Concentration

Area G: Major Courses (27-28)

A grade of C or higher is required in all major courses. To satisfy the requirements for the B.A. degree with a major in philosophy with a Pre-Law concentration, students must take a total of 27 semester hours at the 3000 level or above, including the following distribution requirements:

1. CTW Requirement (3):
    - PHIL 3000 Introductory Seminar in Philosophy-CTW (3)
2. History of Philosophy Requirements (6):
    - PHIL 3010 Origins of Western Philosophy (3)
    - PHIL 3020 17th-18th Century Philosophy (3)
3. Value Theory Requirement (3):
   Select at least one of the following courses.

    - PHIL 4700 Ethics (3)
    - PHIL 4740 Advanced Biomedical Ethics (3)
    - PHIL 4750 Topics in Ethics (3)
    - PHIL 4760 Ethics and Contemporary Public Policy (3)
    - PHIL 4770 Moral Psychology (3)
    - PHIL 4780 Neuroethics (3)
    - PHIL 4790 Topics in Neuroethics (3)
    - PHIL 4800 Social and Political Philosophy (3)

- PHIL 4830 Topics in Philosophy of Art (3)
- PHIL 4855 Advanced Topics in Political Theory (3)
- PHIL 4860 Feminist Philosophy (3)
- PHIL 4890 Topics in Social and Political Philosophy (3)

4. Metaphysics and Epistemology Requirement (3):
   Select at least one of the following courses.

   - PHIL 4100 Epistemology (3)
   - PHIL 4130 Philosophy of Science (3)
   - PHIL 4150 Topics in Epistemology (3)
   - PHIL 4300 Metaphysics (3)
   - PHIL 4330 Philosophy of Mind (3)
   - PHIL 4340 Philosophy and Cognitive Science (3)
   - PHIL 4350 Topics in Metaphysics (3)
   - PHIL 4530 Philosophy of Language (3)
5. PHIL 4820 Philosophy of Law (3)
6. Select two more philosophy courses at the 3000 or 4000 level. (6)
7. Select one of the following courses (3-4):
   - AAS 4120 African-American Political Thought (3)
   - AAS 4550 Activism and the Black Freedom Movement (3)
   - AAS 4600 Enslavement and Resistance in North America (3)
   - AAS 4780 African-American Lesbian and Gay Activism (3)
   - CRJU: Any 3000- or 4000-level Criminal Justice course
   - ECON 4450 Law and Economics (3)
   - ENGL 3080 Persuasion – History, Theory, Practice (3)
   - ENGL 4150 John Milton (3)
   - HIST 3900 Human Rights in Historical Perspective (3)
   - HIST 4450 History of Crime in America (4)
   - HIST 4460 Bill of Rights (4)
   - HIST 4470 The Founders' Constitution (4)
   - HIST 4532 Crime, Law, and Society in Early Modern Europe (4)
   - LGLS: Any 3000- or 4000-level Legal Studies course
   - PMAP 4411 Introduction to the Law for Public and Nonprofit Managers (3)
   - POLS: Any 3000- or 4000-level Political Science course
   - RELS 4255 Religion, Race, Nation (3)
   - RELS 4650 Religion and Ethics (3)
   - SOCI 3224 Crime and Punishment (3)
   - SOCI 4218 Power and Politics (3)
   - SOCI 4366 Law and Society (3)
   - WGSS 4510 Feminist Political Theory (3)
   - WGSS 4760 Activism: History and Theory (3)
   - Other law-related 3000- or 4000-level courses (in any college) approved **in advance** by the Philosophy Pre-Law Advisor. No courses will be approved after the mid-point of the semester of the course.

Graduation with Distinction

To graduate with distinction in the Philosophy major, the student must have excelled in his or her philosophy courses and undergraduate career. For a student to earn Graduation with Distinction, the student must have at least a 3.5 GPA in the major and 3.5 GPA overall, must have passed PHIL 2500 (Introduction to Symbolic Logic), and must be in good academic standing. Rare exceptions may be made by faculty vote.

Minor in Philosophy

Students who wish to minor in Philosophy must take at least 15 hours in courses in philosophy, including at least nine semester hours at the 3000 or 4000-level. Students taking more than 15 hours in courses in the specific area may count the additional hours toward their electives or may consider completing a double major. A grade of C or higher is required in all courses counting toward the minor.

Minor in Law and Ethics

See section 3397 for information about the Minor in Law and Ethics.

3455 Philosophy, Politics, and Economics

Program Offered:

- **Bachelor of Interdisciplinary Studies with a Concentration in Philosophy, Politics, and Economics (PPE)**

Faculty Coordinator: Andrew J. Cohen (cohenaj@gsu.edu), Philosophy
Program Contact: Shelby Frost (sfrost@gsu.edu), Economics
Program Contact: Michael Evans (mevans33@gsu.edu), Political Science

Historically, Philosophy, Political Science, and Economics (PPE) were deeply connected. The father of modern economics, Adam Smith, was a philosopher concerned with moral and political philosophy. PPE, as a contemporary academic field of study, began at Oxford University in 1920 and has spread across the English-speaking world. The program at GSU helps students become familiar with and capable of contributing to ongoing debates about the nature of good political and economic institutions, as well as the policies and practices that are best suited for creating and sustaining them. More broadly, students develop the intellectual skills of both the social scientist, who seeks to understand how the social world operates, and the moral philosopher, who seeks to critically evaluate the social world in relation to how it ought to be. The program prepares students for careers and graduate programs that require independent thought with significant analytic and critical reasoning as well as writing. They are well-positioned for careers in law, government, public service, or entrepreneurial endeavors as well as Ph.D. programs in political science, philosophy, and economics. Moreover, they are ideally situated to contribute intelligently to the public dialogue of a vibrant democracy.

Program Admission

Students may enroll in a concentration upon admission to Georgia State University. Students who wish to change their major to this degree program should select a concentration in consultation with their academic advisor and the faculty coordinator. A 2.0 Georgia State University GPA is required.

Students who enroll in a concentration will be required to submit a course plan checklist to demonstrate their understanding of the degree requirements. It is highly recommended that students develop a course of study with their specific faculty coordinator before taking coursework in the degree program to avoid taking courses that will not count towards graduation.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Advisement (senior status/90 or more hours). See section 3040 for additional information.

Program Degree Requirements

Please refer to the Bachelor of Interdisciplinary Studies section 3030.30 of this catalog for academic regulations for this program.

Students must complete coursework in at least three disciplines (defined by course prefixes) in Area G and in at least two disciplines in Area H. Areas G and H should be constructed so that students take courses in distinct disciplines in each area (with some overlap expected); that is, the same prefix should not predominate in both Area G and H.

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).

Areas A-E. Core Curriculum

Per Georgia State University's requirements, all undergraduate students must satisfy a common core curriculum. The requirements can be found in the current university Undergraduate Catalog. http://catalog.gsu.edu/undergraduate20152016/

Areas A-E. Core Curriculum Recommendations (42)

1. Area A: MATH 1101 or MATH 1111 (3)
2. Area B: PHIL 1010 Critical Thinking (2)
3. Area C: PHIL 2010 Introduction to Philosophy (3) or PHIL 2030 Introduction to Ethics (3)
4. Area E: ECON 2100 Global Economics (3), POLS 2401 Global Issues (3); ECON 2105 Principles of Macroeconomics (3); ECON 2106 Principles of Microeconomics (3)

Area F: Courses Appropriate to the Major (18)

1. Required Courses (6-12)
    - World language at the 1002 level or higher (3)
    - PHIL 2500 Introduction to Symbolic Logic (3) or PHIL 2030 Introduction to Ethics (3)
    - ECON 2105 Principles of Macroeconomics (3) and ECON 2106 Principles of Microeconomics (3) (if not taken in Area E)
2. Recommended Courses
    - ECON 2100 Global Economics (3) (if not used in Area E)
      PHIL 2010 Introduction to Philosophy (3) (if not used in Area C)
    - POLS 2401 Global Issues (3) (if not used in Area E)
3. Courses to complete area F (minimum 6 hrs to get to 18 hrs): can be any 1000-2000 level courses in subjects (prefixes) that satisfy the core areas A-E.
    - World language at the 1001 level if needed

Area G: Area of Concentration — PPE (27-30)

Students must complete coursework in at least three disciplines (defined by course prefixes) in Area G.

- Select one Introduction to PPE course (3)
    - ECON 3810, PHIL 3810, or POLS 3810 (3)
- Select one course to fulfill CTW requirement (3)
    - ECON 3900 Macroeconomics-CTW (3)
    - POLS 3800 Introduction to Research Methods-CTW (3)
- Select one Econ course (3)

    - ECON 3900 Macroeconomics if not used for CTW requirement (3)
    - ECON 3910 Microeconomics (3)
- Select one Phil course (3)
    - PHIL 4800 Social and Political Philosophy (3)
    - PHIL 4820 Philosophy of Law (3)
- Select one Pols course (3)
    - POLS 4270 Comparative Political Economy (3)
    - POLS 4430 International Political Economy (3)
    - POLS 4435 Studies in International Political Economy (3)
- Select four to five additional courses (12-15)
    - ECON 4080 History of Economic Thought (3)
    - ECON 4350 Economics of Poverty and Public Policy (3)
    - ECON 4100 Economics, Philosophy, and Public Policy (3)
    - ECON 4400 Public Sector Economics (3)
    - ECON 4750Introduction to Game Theory (3)
    - PHIL 3710 Marriage and Family (3)
    - PHIL 3720 Contemporary Moral Problems or 3730 Business Ethics (3)
    - PHIL 3740 Biomedical Ethics (3)
    - PHIL 4740 Advanced Biomedical Ethics (3)
    - PHIL 4760 Ethics and Contemporary Public Policy (3)
    - PHIL 4860 Feminist Philosophy (3)
    - POLS 4130 American Constitutional Law (3)
    - POLS 4131 Civil Liberties and Rights (3)
    - POLS 4210 Politics of Developing Nations (3)
    - POLS 4270 Comparative Political Economy (3)
    - POLS 4550 Liberalism and its Critics (3)
    - POLS 4555 Contemporary Political Philosophy (3)
    - Any course from the other Area G requirements above not used to satisfy that requirement (3)

Area H: Allied Fields (15-18)

Select courses as indicated from one of the two allied field areas below (i.e., Law, Morality, and Society or International PPE). Students must complete coursework in at least two disciplines (defined by course prefixes) in Area H.

- Law, Morality, and Society (15-18)
  Select five to six courses, with no more than two 3-4 credit hour courses (6-8 hours) within a single discipline.

    - ECON 4220 Environmental Economics and Policy (3)
    - ECON 4300 Economics of Cities (3)
    - ECON 4350 Economics of Poverty and Public Policy (3)
    - ECON 4400 Public Sector Economics (3)
    - ECON 4470 Industrial Organization, Regulation, and Antitrust Economics (3)
    - ECON 4960 Economics of Work and Play (3)
    - GLOS 3900/Hist 3900] Human Rights in Historical Perspective (3)

- HIST 3300 History of Capitalism (3)
- HIST 4460 Bills of Rights (4)
- HIST 4470 US Legal and Constitutional History (4)
- PHIL 3030 19th-20th Century Philosophy (3)
- PHIL 3710 Sex and Love (3)
- PHIL 3720 Contemporary Moral Problems (3)
- PHIL 4760 Ethics and Contemporary Public Policy-Ethics Bowl (3)
- PHIL 4820 Philosophy of Law (3)
- PHIL 4860 Feminist Philosophy (3)
- POLS 3140 Judicial Process and Courts (3)
- POLS 3145 Introduction to American Law (3)
- POLS 3170 American Legislative Process (3)
- POLS 4130 American Constitutional Law (3)
- POLS 4131 Civil Liberties and Rights (3)

- International PPE
  Select five to six courses (15 to 18), no more than two 3-4 credit hour courses (6-8 hours) within a single discipline.

    - ECON 4210 Health Economics (3)
    - ECON 4220 Environmental Economics and Policy (3)
    - ECON 4300 Economics of Cities (3)
    - ECON 4600 Economic Development (3)
    - ECON 4800 International Trade (3)
    - ECON 4810 International Finance (3)
    - HIST 4230 Foreign Relations of the US (4)
    - HIST 4630 European Intellectual History 1: From Medieval to Marx (4)
    - HIST 4635 European Intellectual History 2: From Marx to Postmodernism (4)
    - PHIL 3030 19th-20th Century Philosophy (3)
    - PHIL 3730 Business Ethics
    - PHIL 4800 Social and Political Philosophy (3)
    - PHIL 4860 Feminist Philosophy (3)
    - POLS 3200 Comparative Politics (3)
    - POLS 3400 International Relations (3)
    - POLS 3450 United States Foreign Policy (3)
    - POLS 4220 Comparative Legal Systems and Politics (3)
    - POLS 4420 International Law (3)
    - POLS 4427 Politics of International Human Rights (3)
    - POLS 4430 International Political Economy (3)

Area J: Electives

Students take elective courses beyond those specified in Areas A-H to reach the 120 hours needed to earn a bachelor's degree (including 39 hours at the 3000-4000 level taken at Georgia State University).

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with

distinction in the major. To graduate with distinction in the PPE program, the student must have excelled in his or her PPE courses and undergraduate career. For a student to earn Graduation with Distinction, the student must have at least a 3.5 GPA in the major and 3.5 GPA overall and must be in good academic standing. Rare exceptions may be made by faculty vote.

3460 Physics

Programs Offered:

- **Bachelor of Science in Physics**
- **Standard Program in Physics**
    - **Concentration in Applied Physics**
    - **Concentration in Astronomy**
    - **Concentration in Pre-Medicine**
    - **Concentration in Biophysics**
    - **Concentration in Geology**
    - **Concentration in Computer Science**
    - **Concentration in Education**
- **Dual Degree Programs: B.S. Physics with the M.A.T. Science Education**
- **Minor in Physics**

Department of Physics and Astronomy
Room 605, 25 Park Place
Atlanta, GA 30303
phy-astr.gsu.edu

D. Michael Crenshaw, Chair
Brian Thoms, Associate Chair and Undergraduate Director in Physics
Sumith Doluweera, Undergraduate Director in Physics – Lower Division Courses
Ben McGimsey, Undergraduate Director in Astronomy

All degree programs described below are built on a core of 21 semester hours of physics numbered 3300 or above and 4 semester hours of mathematics. The standard program is designed to prepare the student for graduate school or immediate employment upon graduation. Students selecting the standard program must complete 21 semester hours of physics, astronomy and mathematics beyond the core set of physics and mathematics courses listed below. As an alternative to the standard program, courses in one of several specific areas of concentration may be chosen as described below. The available areas of concentration are applied physics, astronomy, pre-medicine, biophysics, geology, computer science, and education.

A central objective of Georgia State University is that all graduates from its programs will be proficient in writing, critical and analytical thinking, and use of information resources. In support of this objective, the Department of Physics and Astronomy explicitly incorporates activities to develop these skills as appropriate in each course.

To schedule an effective program of study, it is very important that all students intending to major in physics consult with the physics faculty adviser as soon as possible. Physics majors are strongly encouraged to complete PHYS 1000 in their first or second semester. PHYS 1000 is also appropriate for students considering physics and astronomy. Physics majors should pay special attention to the early completion of the mathematical requirements if they are to complete their physics requirements during the usual four-year span. The first calculus course should be taken during the freshman year, and the second and third calculus courses should be completed during the sophomore year. The department recommends that

General Chemistry I and II be taken during the freshman year. The beginning physics sequence (PHYS 2211K–PHYS 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.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

B.S. in Physics

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).

Area A:

- Required course: MATH 1113 or higher level MATH must be taken in Area A. A section of MATH 1113 Precalculus that is designated specifically for this major is recommended (see GoSolar listing to identify appropriate sections).

Areas D:

- Required course: MATH 2211 Calculus of One Variable I (4) (or a higher-level mathematics course)

- Recommended courses: CHEM 1211K Principles of Chemistry I (4) and CHEM 1212K Principles of Chemistry II (4)

Area F: Courses Appropriate to the Major (18)

1. Required Courses (Unless used to satisfy Area D requirements) (18):
    - PHYS 1000 Gateway to Physics (2) (Not required of student entering with an AS degree)
    - PHYS 2211K Principles of Physics I (4) and PHYS 2212K Principles of Physics II (4)
    - CHEM 1211K Principles of Chemistry I (4) and CHEM 1212K Principles of Chemistry II (4)
    - MATH 2212 Calculus of One Variable II (4)
    - MATH 2215 Multivariate Calculus (4)
2. Select additional elective courses from the following to complete 18 hours in Area F:
    - CSC 1301 Principles of Computer Science I (4)
    - CSC 1302 Principles of Computer Science II (4)
    - ASTR 1010K Astronomy of the Solar System (4)
    - ASTR 1020K Stellar and Galactic Astronomy (4)
    - BIOL 1103K Introductory Biology I (4)
    - BIOL 1104K Introductory Biology II (4)

    - BIOL 2107K Principles of Biology I (4)
    - BIOL 2108K Principles of Biology II (4)
    - GEOL 1121K Introductory Geology I (4)
    - GEOL 1122K Introductory Geology II (4)
    - EDUC 2110 Investigating Critical and Contemporary Issues in Education (3)
    - EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educ. Contexts (3)
    - EDUC 2130 Exploring Learning and Teaching (3)
    - [RSCH 1203] Research Strategies and Technology (1)

- Students should choose courses appropriate to their intended concentration. Consult the Undergraduate Director for the BS in Physics for advice.
- All courses above ending in K are commonly offered as separate lecture and lab (L) courses by GSU's Perimeter College. The combined (K) courses and separate lecture and lab (L) courses cover the same subject matter and are considered equivalent courses.
- Any credit hours exceeding 18 earned to complete the Area F requirements will count toward elective hours.

Area G: Major Courses

A grade of C or higher is required in all major courses. The Department of Physics and Astronomy offers several concentrations within the B.S. in Physics degree program. The standard program is recommended for those who plan to pursue graduate study in physics. Other options include concentrations in applied physics, astronomy, pre-medicine, biophysics, geology, computer science, and education. Course requirements listed below for each of the options are in addition to the courses listed under Area F and the required lower division courses listed above. The standard program and all concentrations are centered on the 21-hour core of physics courses and the four-hour core of mathematics courses listed below.

Physics and Mathematics Core (28)

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 (18):
    - PHYS 3401 Modern Physics I (4)
    - PHYS 3850 Statistical and Thermal Physics (3)
    - PHYS 3550 Mathematical Methods and Computational Physics I (3)
    - PHYS 4600 Classical Mechanics (4)
    - PHYS 4700 Electricity and Magnetism (4)
3. Mathematics Requirements (4):
    - MATH 2652 Differential Equations (4)

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 courses (3):
    - PHYS 3560 Mathematical Methods and Computational Physics II (3)
2. Physics and Astronomy Courses (12-15):
   Select 12-15 hours from the following.

    - PHYS 3402 Modern Physics II (3)
    - PHYS 3500 Electronics (3)
    - PHYS 3800 Optics (4)
    - PHYS 4110 Introduction to Embedded Systems Laboratory (4)
    - PHYS 4300 Teaching Physics (1-2)
    - PHYS 4310 Teaching Physics Practice (1)
    - PHYS 4340 Neurophysics (3)
    - PHYS 4410 Nuclear and Particle Physics (3)
    - PHYS 4500 Special Topics in Physics (3)
    - PHYS 4710 Functional Neuroimaging (3)
    - PHYS 4720 Introduction to Magnetism and Magnetic Materials (3)
    - PHYS 4810 Quantum Mechanics (3)
    - PHYS 4910 Solid State Physics (3)
    - PHYS 4720 Introduction to Magnetism and Magnetic Materials (3)
    - PHYS 4950 Advanced Research (1-3)
    - ASTR 3510 Astrophysics of Stars and Planets (3)
    - ASTR 3520 Galactic and Extragalactic Astrophysics (3)
    - ASTR 4100 Astronomical Techniques and Instrumentation (3)
    - ASTR 4200 Applications in Modern Astronomy (3)
    - ASTR 4500 Special Topics in Astronomy and Astrophysics (3)
3. Mathematics and Computer Science Courses (3-6):
   Select one to two courses.

    - CSC 4610/MATH 4610/Numerical Analysis I (3)MATH 2641 Linear Algebra I (3)
    - MATH 3550 Scientific Computing (3)
    - MATH 4250 Complex Analysis (3)
    - MATH 4258 Vector Calculus (3)
    - MATH 4265 Partial Differential Equations (3)
    - MATH 4275 Applied Dynamical Systems (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 may be 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 advisor 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 12 semester hours in astronomy courses (ASTR 3510, ASTR 3520, ASTR 4000, and ASTR 4100), and others from the list below, to complete the requirements for the degree.

1. Required courses (12):
    - ASTR 3510 Astrophysics of Stars and Planets (3)
    - ASTR 3520 Galactic and Extragalactic Astrophysics (3)
    - ASTR 4100 Astronomical Techniques and Instrumentation (3)
    - ASTR 4200 Applications in Modern Astronomy (3)
2. Physics, Mathematics, and Computer Science Courses (9):
   Select eleven hours from the following or other courses approved by the undergraduate director.

    - PHYS 3402 Modern Physics II (3)
    - PHYS 3500 Electronics (3)
    - PHYS 3560 Mathematical Methods and Computational Physics II (4)
    - PHYS 3800 Optics (4)
    - PHYS 4110 Introduction to Embedded Systems Laboratory (4)
    - PHYS 4300 Teaching Physics (1-2)
    - PHYS 4310 Teaching Physics Practice (1)
    - PHYS 4340 Neurophysics (3)
    - PHYS 4410 Nuclear and Particle Physics (3)
    - PHYS 4500 Special Topics in Physics (3)
    - PHYS 4710 Functional Neuroimaging (3)
    - PHYS 4720 Introduction to Magnetism and Magnetic Materials (3)
    - PHYS 4810 Quantum Mechanics (3)
    - PHYS 4910 Solid State Physics (3)
    - PHYS 4950 Advanced Research (1-3)
    - ASTR 4500 Special Topics in Astronomy and Astrophysics (3)
    - CSC 4610/MATH 4610 Numerical Analysis I (3)
    - MATH 2641 Linear Algebra I (3)
    - MATH 3550 Scientific Computing
    - MATH 4250 Complex Analysis (3)
    - MATH 4258 Vector Calculus (3)
    - MATH 4265 Partial Differential Equations (3)
    - MATH 4275 Applied Dynamical Systems (3)

Pre-Medicine Concentration (21)

In addition to the core set of physics and mathematics courses, the pre-medicine concentration allows courses from biology and chemistry to complete the requirements for the degree. The concentration also provides the set of physics, chemistry, and biology courses required for admission to most medical schools. Note that BIOL 2107K and BIOL 2108K are prerequisites for BIOL 3800 and other upper-division biology courses.

1. Required Chemistry courses (8):
    - CHEM 2400 Organic Chemistry I (3)
    - CHEM 2410 Organic Chemistry II (3)

    - Select one of the following options (2):
        - CHEM 2400L Organic Chemistry Laboratory I (1) and CHEM 2410L Organic Chemistry Laboratory II (1)
        - CHEM 2100 Intermediate Organic Chemistry Laboratory (2)
2. Required Biology course (3):
   Select one of the following.

    - BIOL 3240 Human Physiology (3)
    - BIOL 3800 Molecular Cell Biology (3)
3. Electives (10):
   Select ten hours from the following or other courses approved by the undergraduate director.

    - 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 3400 Structure and Reactivity of Biomolecules (3)
    - CHEM 3110 Intermediate Organic Chemistry Laboratory II (2)
    - CHEM 4600 Biochemistry I (5)
    - NEUR 3000 Principles of Neuroscience I (4)
    - NEUR 4030 Computational Neuroscience (4)
    - PHYS 4340 Neurophysics (3)
    - PHYS 4710 Functional Neuroimaging (3)
    - MATH 4258 Vector Calculus (3)
    - MATH 4265 Partial Differential Equations (3)

Biophysics Concentration (21)

In addition to the core set of physics and mathematics courses, the biophysics concentration allows biology and chemistry courses to complete the requirements for the degree. The courses should be chosen from the list below and provide background in several areas including biochemical, biomolecular, and neural sciences. This concentration provides excellent preparation for advanced study in biological physics and for admission to M.D./Ph.D. programs. Note that Biol 2107K and 2108K are prerequisites for Biol 3800 and other upper-division biology courses.

1. Required courses (6):
    - BIOL 3800 Molecular Cell Biology (3)
    - CHEM 2400 Organic Chemistry I (3)
2. Electives (15):
   Select 15 hours from the following or other courses approved by the undergraduate director. Note that CHEM 2410, Organic Chemistry II, is a prerequisite for many other courses listed.

    - CHEM 2400L Organic Chemistry Laboratory I (1)

- CHEM 2410L Organic Chemistry Laboratory II (1)
- CHEM 2100 Intermediate Organic Chemistry Laboratory (2)
- CHEM 2410 Organic Chemistry II (3)
- CHEM 3400 Structure and Reactivity of Biomolecules (3)
- CHEM 3110 Intermediate Organic Chemistry Laboratory II (2)
- CHEM 4000 Fundamentals of Chemical Analysis-CTW (3)
- CHEM 4110 Physical Chemistry I (3)
- CHEM 4120 Physical Chemistry II (3)
- CHEM 4600 Biochemistry I (5)
- BIOL 3810 Molecular Cell Biology Laboratory-CTW (3)
- BIOL 3840 Animal Biology (3)
- BIOL 3850 Animal Biology Laboratory (1)
- BIOL 3880 Microbiology (3)
- BIOL 3890 Microbiology Laboratory (1)
- BIOL 3900 Genetics (3)
- BIOL 3910 Genetics Laboratory (1)
- BIOL 4102 Neurobiology (4)
- NEUR 3000 Principles of Neuroscience I (4)
- NEUR 4030 Computational Neuroscience (4)
- PHYS 3402 Modern Physics II (3)
- PHYS 3500 Electronics (3)
- PHYS 4340 Neurophysics (3)
- PHYS 4710 Functional Neuroimaging (3)
- MATH 4258 Vector Calculus (3)
- MATH 4265 Partial Differential Equations (3)

Geology Concentration (21)

In addition to the core set of physics and mathematics courses, this concentration allows geology courses to complete the requirements for the degree. The courses should be chosen from the list below. Note that GEOL 1121K and GEOL 1122K are prerequisites for upper-division geology courses.

1. Geology Courses (15):
   Select at least 15 hours from the following or other courses approved by the undergraduate director.

   - GEOL 3002 Introduction to Earth Minerals (4)
   - GEOL 4003 Aqueous Geochemistry (3)
   - GEOL 4005 Geology of Georgia (3)
   - GEOL 4007 Hydrogeology (3)
   - GEOL 4013 Structural Geology (4)
   - GEOL 4015 Crystallography and Optical Mineralogy (4)
   - GEOL 4016 Igneous and Metamorphic Petrology (4)
   - GEOL 4017 Environmental Geology (3)
2. Electives (6):
   Select at least six hours from the following or other courses approved by the undergraduate director.

   - PHYS 3402 Modern Physics II (3)

- PHYS 3500 Electronics (3)
- PHYS 3800 Optics (4)
- PHYS 4110 Introduction to Embedded Systems Laboratory (4)
- PHYS 4340 Neurophysics (3)
- PHYS 4410 Nuclear and Particle Physics (3)
- PHYS 4710 Functional Neuroimaging (3)
- PHYS 4720 Introduction to Magnetism and Magnetic Materials (3)
- PHYS 4810 Quantum Mechanics (3)
- PHYS 4910 Solid State Physics (3)
- PHYS 4950 Advanced Research (1-3)
- CSC 4610 Numerical Analysis I (3)
- MATH 2641 Linear Algebra I (3)
- MATH 4250 Complex Analysis (3)
- MATH 4258 Vector Calculus (3)
- MATH 4265 Partial Differential Equations (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 one or more of CSC 1301, CSC 1302, CSC 2510, and CSC 2720 are prerequisites for many upper-division computer science courses.

1. Required Physics course (3):
    - PHYS 3500 Electronics (3)
2. Computer Science Courses (12):
   Select 12 hours of courses from the following or other courses approved by the undergraduate director.

    - CSC 3210 Computer Organization and Programming (3)
    - CSC 3320 System Level Programming (3)
    - CSC 3330 C++ Programming (3)
    - CSC 4120 Introduction to Robotics (4)
    - CSC 4210 Computer Architecture (4)
    - CSC 4220 Computer Networks (3)
    - CSC 4310 Parallel and Distributed Computing (4)
    - CSC 4330 Programming Language Concepts (3)
    - CSC 4520 Design and Analysis of Algorithms (4)
    - CSC 4610 Numerical Analysis I (3)
    - CSC 4620 Numerical Analysis II (3)
    - CSC 4630 Introduction to Matlab Programming (4)
    - CSC 4730 Data Visualization (4)
    - CSC 4820 Interactive Computer Graphics (4)
3. Electives (6):
   Select six hours from the following or other courses approved by the undergraduate director.

    - PHYS 3402 Modern Physics II (3)

- PHYS 3800 Optics (4)
- PHYS 4110 Introduction to Embedded Systems Laboratory (4)
- PHYS 4410 Nuclear and Particle Physics (3)
- PHYS 4340 Neurophysics (3)
- PHYS 4410 Nuclear and Particle Physics (3)
- PHYS 4710 Functional Neuroimaging (3)
- PHYS 4810 Quantum Mechanics (3)
- PHYS 4910 Solid State Physics (3)
- PHYS 4950 Advanced Research (1-3)
- MATH 2641 Linear Algebra I (3)
- MATH 3030 Mathematical Models for Computer Science (3)
- MATH 4250 Complex Analysis (3)
- MATH 4258 Vector Calculus (3)
- MATH 4265 Partial Differential Equations (3)

Education Concentration (21)

In addition to the core set of physics and mathematics courses, this option leads to certification to teach physics in grades 6-12. Prior to beginning this concentration, students must be accepted into Teacher Education in the College of Education and Human Development. To apply, students must have:

- completed Areas A-F of the program of study,
- earned a 2.5 overall cumulative GPA,
- passed [Combined Test I, II, and III (700)] or been exempted from the GACE Program Admission Assessment. When registering for the assessment, program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment; and
- Completed the Georgia Educator Ethics – Program Entry (350) Assessment; though there is no "Pass/Fail" grade assigned. Program entry candidates must add your program provider (Georgia State University) as a score recipient when you register or we will not receive notification that you have completed the assessment.

Note that EDUC 2110, EDUC 2120, and EDUC 2130 are prerequisites for the field placement courses (EDCI 4600, EDCI 4650, and EDCI 4750).

1. Required courses (21):
    - EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)
    - EDSC 4655 Principles of Science Instruction (3)
    - EDSC 4755 Theory and Pedagogy of Science Instruction (3)
    - EDCI 3250 Introduction to Teaching in Secondary Schools (3)
    - EDCI 4600 Practicum (3)
    - EDCI 4650 Opening School Experience (0)
    - EDCI 4750 Student Teaching in the Secondary Schools (6)
2. Additional requirements for teacher certification:
    - Students must maintain a 3.00 GPA for courses in the education concentration.
    - Only hours of EDCI 4600 and EDCI 4750 completed with a grade of B or better will count toward certification.

- Students must pass appropriate GACE II examination to be recommended for certification.
- Each student will be required to maintain an electronic program portfolio and to demonstrate proficiency in the pedagogy standards from the Interstate New Teacher Assessment and Support Consortium (INTASC) and the content standards from the National Science Education Standards (NSES). Requirements for the INTASC standards and the National Educational Technology Standards (NETS) will be embedded in the coursework listed above.

Pre-Service Certificate: Upon admission to a teacher education program, students will be contacted by the college advisement/admissions office and provided with instructions to claim enrollment in their program and submit a GaPSC Pre-Service Certificate Application. The pre-service certificate is required for placement in required field experiences or clinical practice.

Georgia Assessments for the Certification of Educators (GACE): The state of Georgia requires such candidates to take various GACE and Educator Ethics assessments as part of the educator certification process. These computer-delivered assessments have been developed by the Georgia Professional Standards Commission (GaPSC) and are delivered by the Education Testing Service (ETS). You will take these tests at different times.

Program Admission and Content Assessments: Program Admission Assessment [Combined Test I, II, and III (700)] is an admission requirement (unless candidate meets qualifications for exemption – scroll down to "Options to Satisfy the Program Admission Assessment Requirement"). When registering for the assessment, program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment.

Content Assessment (different content assessments for each program) tests your content knowledge and is taken after enrollment and prior to program completion. You will receive specific information regarding this test as you near completion of your program (required for certification).

Georgia Educator Ethics Assessment: Georgia Educator Ethics – Program Entry (350) Assessment is an admission requirement. Completion of this assessment is required for admission, though there is no "Pass/Fail" grade assigned. Program entry candidates must add your program provider (Georgia State University) as a score recipient when you register or we will not receive notification that you have completed the assessment.

edTPA: edTPA is a preservice assessment process designed by educators to answer the essential question: "Is a new teacher ready for the job?" edTPA includes a review of a teacher candidate's authentic teaching materials as the culmination of a teaching and learning process that documents and demonstrates each candidate's ability to effectively teach his/her subject matter to all students.
edTPA is a program completion and teacher certification requirement. Students may graduate from the program while continuing to complete teacher certification requirements for edTPA.

Area H: Minor and/or Additional Courses

1. Students earning a B.S. through the Department of Physics and Astronomy are not required to take a minor.

2. Additional courses must be taken as electives to complete a minimum of 120 semester hours, exclusive of KH 1010. Although not a requirement, the department recommends that physics majors take these elective courses at the 2000 level or above in mathematics, computer science, chemistry, biology, geology, physics, or astronomy. (Consult with the departmental academic adviser.)

B.S. Physics / M.A.T. Science Education Dual Degree Program

This dual degree program, allowing completion of both degrees and teacher certification requirements in approximately 5 years, is available to undergraduates majoring in physics who have completed at least 30 hours of academic credit (including MATH 2211 and PHYS 2211K) and who have earned a minimum cumulative GPA of 3.3. Students may apply to the option at any time after completing 30 hours but prior to completing 90 hours of undergraduate coursework. Applicants are applying for early acceptance into the College of Education and Human Development's MAT program and therefore must submit the following documentation in addition to meeting the GPA requirement:

- Complete the BS/MAT pre-application form. This will be kept on file in the Department of Physics & Astronomy and in the Office of Academic Assistance in the College of Arts & Sciences.
- 2-3 letters of recommendation: (a) one academic or professional letter; (b) one letter from someone who can evaluate the applicant's personal qualifications, experience, and background in light of potential to work successfully with adolescents; (c) one letter from a current work supervisor, if applicable
- Documentation of previous work experience (résumé or curriculum vitae)
- Personal statement of goals and/or reasons for teaching
- Successful interview with appropriate program faculty in the Department of Physics and Astronomy and in the College of Education and Human Development

Final acceptance into the M.A.T. portion of the program will be contingent upon the following:

- Maintaining a cumulative GPA of 3.0 or higher;
- Completion of 90 hours towards the B.S. degree in Physics (including Phys 7460 and Phys 7850);
- Submission of acceptable GRE scores;
- Filing an application to the M.A.T. program by the appropriate deadline.

Acceptance into the Teacher Education track is contingent upon acceptance into the M.A.T. portion, completion of 24 hours in physics, and passing or exempting the GACE Basic Skills test.

Students in this program will select one of the B.S. concentrations listed above. The curriculum allows students to satisfy the content requirement of the M.A.T. program by enrolling in the 7000-level counterparts of the core physics courses (PHYS 7850 for PHYS 3850, Phys 7460] for PHYS 3401, Phys 7600] for PHYS 4600, and Phys 7700] for PHYS 4700). In addition, to meet the M.A.T. and teacher certification requirements, students will enroll in EXC 4020 and 6 hours of graduate-level courses required for the M.A.T. in satisfying 9 hours of elective credits towards the B.S. in Physics.

Normally, students in their 4th year are enrolled in both the B.S. and the M.A.T. programs and will receive the B.S after the 4th year. In the 5th year, students will take professional education courses (24 hours) and will focus on the student teaching requirements.

For more information on this program's curriculum, please contact the Department of Physics and Astronomy. The M.A.T. requirements for Science Education are described more fully in the College of Education and Human Development section of the Graduate Catalog.

Minor in Physics

Students who wish to minor in physics must take at least 15 semester hours in physics and/or astronomy courses, including at least nine semester hours at the 3000 level or above. Students taking more than 15 semester hours in these courses may count the additional hours toward their electives or may consider completing a double major. A grade of C or higher is required in all courses counting toward the minor.

Graduation with distinction

To qualify for Graduation with Distinction in Physics, students need a minimum grade-point average of 3.4 for all their GSU courses, plus a minimum grade-point average of 3.4 for all courses taken for their major, plus a grade of either A or A+ in the course PHYS 4900 Research Project-CTW.

3470 Political Science

Programs Offered:

- **Bachelor of Arts in Political Science**
  - **Concentration in General Political Science**
  - **Concentration in International Affairs**
  - **Concentration in Pre-Law**
  - **European Union Studies Certificate**
- **Minor in Political Science**
- **Dual B.A. / M.A. Program**

Department of Political Science
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404-413-6159
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Michael Herb, Chair
Jeannie Grussendorf, Undergraduate Director

Political science is the study of "who gets what, when, and how" in the distribution of goods and values in society and in groups. Specifically, political scientists study the determinants of such distributions, including political parties and voters, public opinion, interest groups, bureaucracies and administrative behavior, public law, international relations, international law and organizations, national security, intergovernmental relations, political behavior, political philosophy, comparative politics, public policy, and conflict.

Students may specialize in any of the five fields of the discipline: American politics and government, comparative politics, international politics, political theory, and public policy and administration. The department also provides specific concentrations for majors and minors in pre-law and in international affairs. The department sponsors intercollegiate academic teams for Mock Trial, Model United Nations, and Model Arab League. The department sponsors student honor societies and clubs in pre-law, international relations, and political science. In addition, the department provides advisement for pre-law students.

The proximity of Georgia State University to the center of government for the Southeast and the State of Georgia and its location in an international city of business, communication, and transportation provide unique opportunities for students to observe and participate in government and politics. For example, many qualified students serve as interns as part of their academic program.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

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)
    - World language at the 1002 level or higher (3)
      (See "World Language Requirement for B.A. and B.I.S. Majors," previously described.)

Select additional courses as follows to complete 18 hours in Area F:

a. Choose at least two of the following:
    - ECON 2105 Principles of Macroeconomics (3)
    - ECON 2106 Principles of Microeconomics (3)
    - SOCI 1101 Introduction to Sociology (3)

b. Choose at least two of the following:
    - AAS 2010 Introduction to African-American Studies (3)
    - ECON 2105 Principles of Macroeconomics (3)
    - ECON 2106 Principles of Microeconomics (3)
    - GEOG 1101 Introduction to Human Geography (3)
    - HIST 1111 A Survey of World History to 1500 (3)
    - HIST 1112 A Survey of World History since 1500 (3)
    - HIST 2110 Survey of United States History (3)
    - MATH 1070 Elementary Statistics (3)
    - MATH 1112 College Trigonometry (3) or MATH 1113 Precalculus (3)
    - PHIL 2010 Introduction to Philosophy (3)
    - POLS 210 Introduction to Political Science (3)
    - SOCI 1101 Introduction to Sociology (3)
    - SOCI 1160 Introduction to Social Problems (3)
    - WGSS 2010 Introduction to Women's, Gender and Sexuality Studies (3)
    - World language 2001 (3)
    - World language 2002 (3)

Area G: Major Courses (30)

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

General Political Science Concentration (30)

1. Required Courses (12)
    - POLS 3800 Introduction to Political Research-CTW (3)
    - POLS 4900 Senior Seminar in Political Science (3)
    - Either POLS 3200 Comparative Politics or POLS 3400 International Relations
    - Either POLS 3530 Classical and Early Modern Political Thought, POLS 3540 Modern Political Thought, or any 3000- or 4000-level political theory course
2. Take 18 hours in political science at the 3000 level or above. At least one course must be taken in American government and politics (3100s and 4100s). (18)

International Affairs Concentration (30)

1. Required Courses (6)
    - POLS 3800 Introduction to Political Research-CTW (3)
    - POLS 4900 Senior Seminar in Political Science (3)
2. International Affairs Requirements (6)
    - POLS 3200 Comparative Politics (3)
    - POLS 3400 International Politics (3)
3. Select 18 hours at the 3000 level or above in comparative politics and international politics. (18)
4. Select 3 hours at the 3000 level or above in American politics, public policy and administration, or political theory. (3)

Pre-Law Concentration (30)

1. Required Courses (6)
    - POLS 3800 Introduction to Political Research-CTW (3)
    - POLS 4900 Senior Seminar in Political Science (3)
2. Pre-Law Requirements (9)
    - POLS 3140 Judicial Process and Courts (3)
    - POLS 4130 American Constitutional Law (3)
    - POLS 4131 Civil Liberties and Rights (3)
3. Select 2 courses. (6)
    - POLS 3110 State Government (3)
    - POLS 3145 Introduction to American Law (3)
    - POLS 3170 American Legislative Process (3)
    - POLS 3171 Congressional Simulation (3)
    - POLS 3530 Classical and Early Modern Political Thought (3)
    - POLS 3540 Modern Political Thought (3)
    - POLS 4155 Voting and Elections (3)
    - POLS 4160 Political Attitudes and Public Opinion (3)
    - POLS 4165 African-American Politics (3)
    - POLS 4180 American Chief Executives (3)
    - POLS 4205 Comparative Democratization (3)
    - POLS 4220 Comparative Legal Systems and Politics (3)
    - POLS 4420 International Law (3)
    - POLS 4421 International Organizations (3)

    - POLS 4427 Politics of International Human Rights (3)
    - POLS 4520 Theories of Democracy (3)
    - POLS 4555 Contemporary Political Philosophy (3)
    - POLS 4570 American Political Thought (3)
4. Select nine additional hours in political science. (9)
5. Of the courses taken, students must have one course in three of the five areas of the discipline.
6. POLS 4940 is recommended as an elective.

Area H: Minor and/or Additional Courses

1. Students majoring in political science who take either the general political science concentration or the international affairs concentration are not required to take a minor. Students in the pre-law concentration should see the department's pre-law adviser for further information.
2. Additional courses not in the major or in a minor must be taken as electives to complete a minimum of 120 semester hours, exclusive of KH 1010.

Allied Field Concentration in Political Science for Pre-Education Majors in Other Social Science Departments (9)

Students majoring in other social sciences and who are pursuing a concentration in Pre-Education should choose from the following courses in using political science as an allied field to their major.

1. Select one course
    - POLS 4130 American Constitutional Law (3)
    - POLS 4131 Civil Liberties and Rights (3)
2. Select one course
    - POLS 3110 State Government (3)
    - POLS 3170 American Legislative Process (3)
    - POLS 4180 American Chief Executives (3)
3. Select one course
    - POLS 3200 Comparative Politics (3)
    - POLS 3400 International Politics (3)

European Union Studies Certificate

The department provides courses and advising in regard to the European Union Studies Certificate offered by the University System of Georgia. This program enables students to develop expertise in the European Unions and in EU studies. Dr. Jeannie Grussendorf of the department serves as campus representative. See Section 3260 for a detailed description.

Courses that count towards the European Union Studies Certificate will have the EURO prefix. Students taking EURO courses can have these applied to their political science major. EURO courses can fulfill political science credit counting towards the International Affairs concentration. For more information, visit www.eustudiesprogram.org.

Minor in Political Science

Students wishing to minor in political science should take 15 semester hours of political science courses at the 3000 level or above.

Students seeking to take a minor in political science/pre-law should take POLS 3140, POLS 4130, POLS 4131, and two courses from POLS 3110, POLS 3145, POLS 3170, POLS 3770, POLS 4115, POLS 4157, POLS 4180, POLS 4220, POLS 4420, POLS 4427, and POLS 4570.

Students seeking to take a minor in political science/international affairs should take POLS 2401 (if not taken in Area E)], POLS 3200, POLS 3400, and nine additional hours at the 3000 level or above in comparative or international politics.

Cooperative Education and Internship Programs

The department participates in the University's Cooperative Education program, in which students work for six months in paid, full-time professional positions as part of their four-year degree program. Details are available on the department's website, from the department chair or director of undergraduate studies.

The department also encourages students to seek out relevant internships to enhance their preparation for careers related to Political Science. Our students regularly intern with the state legislature through the Georgia Legislative Internship Program; the World Affairs Council; with local, state, and federal government agencies; the courts, local non-profits; lobbying organizations; and international organizations. We offer both major credit and elective credit, subject to department approval.

Exchange Programs and Study Abroad Programs

The department offers a Maymester study abroad program in Turkey; a Fall semester study abroad program in India; and spring break study abroad programs in Cuba, Brazil, and Ireland. Contact the department chair or undergraduate director for more information.

The department offers 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 the following universities:

- Ewha Women's University and Hanyang University in Seoul, Korea
- Sciences Po' in Lilles, France
- Marmara University and Sehir University in Turkey

Students spend up to one academic year in residence in one of the universities with credit given for classes on a cross-registration basis.

Dual B.A. / M.A. Program in Political Science

The department offers a dual Bachelor of Arts and Master of Arts in Political Science. The dual degree opportunity enables qualified students to enroll in graduate courses late in their undergraduate program and apply the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by the department and College of Arts and Sciences to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

Graduation with Distinction in the Major

This department offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the department undergraduate director for the specific criteria for this honor.

3480 Pre-Law Programs

Four different pre-law preparatory programs are offered:

- Bachelor of Interdisciplinary Studies in Law and Society (Section 3400)
- Bachelors of Arts in History with a Pre-Law Concentration (Section 3320)
- Bachelor of Arts in Philosophy with a Pre-Law Concentration (Section 3450)
- Bachelor of Arts in Political Science with a Pre-Law Concentration (Section 3470)
- Minor in Law and Ethics (Section 3397)
- 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

Programs Offered:

- Bachelor of Science in Biology with a Pre-Professional/Physiology Concentration (Section 3170)
- Bachelor of Science in Chemistry with a Pre-Medicine Concentration (Section 3180)
- Bachelor of Science in Neuroscience with a Pre-Medical Concentration (Section 3445)
- Bachelor of Science in Physics with a Pre-Medicine Concentration (Section 3460)
- Bachelor of Science in Psychology with a Pre-Medicine Concentration (Section 3500)

Students interested in a career in medicine are encouraged to consult these sections of this catalog.

Faculty from these departments compose the Premedical Professions Advisory Committee and advise pre-med students. This committee maintains contact with medical schools concerning specific requirements and selection criteria and helps students design specific programs of study for dentistry, medicine, optometry, osteopathic medicine, pharmacy, podiatry, or veterinary medicine. While most premedical students major in biology, chemistry or physics, requirements for admission to medical or dental schools may be met by other majors, provided the requisite science courses are completed.

A student interested in one of these preparatory medical programs should contact the Office of Academic Assistance, 404-413-5000 (see Section 3040). This office serves as a liaison to the Premedical Professions Advisory Committee and maintains pertinent information such as entrance exam applications and other appropriate materials.

3500 Psychology

Programs Offered:

- **Bachelor of Arts in Psychology**
  - **General Program in Psychology**
  - **Concentration in Community Psychology**
- **Bachelor of Science in Psychology**
  - **General Program in Psychology**
  - **Concentration in Community Psychology**
  - **Concentration in Pre-Medicine**
- **Minor in Psychology**

Department of Psychology
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404-413-6200
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Chris. Henrich, Chair
Erin Tone, Associate Chair
Chris Goode, Director of Undergraduate Studies

Psychology is the science of mind and behavior. It investigates how and why organisms engage in the behaviors and thought-processes they do. The topics of investigation range from the life sciences to the social sciences, and applications occur in clinical, research, industrial, community, and other social contexts.

A career in psychology usually requires a graduate degree. An undergraduate major in psychology can serve as a prerequisite for graduate study in psychology or as background for other careers, e.g., business, law, medical or allied health sciences, and teaching. A major in psychology also can serve the general interest of liberal arts education. The department maintains reference materials, including audio/visual material and an Internet website to assist in career advisement.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

Students wishing to be psychology majors must first be advised by the Office of Academic Assistance.

B.A. in Psychology and B.S. in Psychology

Major Eligibility Requirements

Effective fall semester 2014, to be eligible for the Psychology major and to enroll in 3000 and 4000 level Psyc courses, students must fulfill the following requirements:

- Complete all courses with the Psyc prefix designated in Psychology's Area F and
- Earn a 2.3 grade-point average in all Psyc courses counting toward the Area F requirements (with a minimum grade of "C" in PSYC 1101). This GPA will be calculated based on the first attempt at Georgia State University at PSYC 1101 and the first two Psyc Area F courses taken. WFs counts as an attempt. Ws do not count as attempts. Transfer students who transfer these course(s) into Georgia State, may use the grades in the transferred course(s) to calculate the GPA or they may attempt them once at Georgia State.
- Courses retaken using the university Repeat to Replace policy are not counted as first attempts.
- If a student has a grade of K in PSYC 1101, the GPA will be computed based on the other two courses.

Once students are eligible to take 3000- and 4000-level Psychology courses, they remain eligible to take them as long as they are eligible to enroll at Georgia State University and satisfy other psychology program requirements.

This requirement applies to students entering or re-entering the university in fall 2014 or thereafter, or to students who choose to follow the Psychology program requirements in the undergraduate catalog for 2014-15 or thereafter.

Students in majors other than Psychology, including those minoring in Psychology, may enroll in 3000- and 4000-level courses as long as they meet any pre-requisites for the specific course.

College and University Degree Requirements

In addition to the Major Eligibility Requirements for Psychology, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

B.A. Degree

Students must take a foreign language and six additional hours from courses in Area E. (See "World 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, Survey of Chemistry, or Introduction to Physics.

ANTH 2020, BIOL 1103K, BIOL 1104K, BIOL 2107K, BIOL 2108K, BIOL 2110K, BIOL 2120K, BIOL 2240, BIOL 2250, 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

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. Required courses (12):
    - PSYC 1101 Introduction to General Psychology (3)*
    - Select two courses from the following (6):*
        - PSYC 2030 Careers in Psychology (3)
        - PSYC 2040 Introduction to Applied Psychology (3)
        - PSYC 2050 Introduction to Drugs and Behavior (3)
        - PSYC 2060 Introduction to Positive Psychology (3)
        - PSYC 2070 Introduction to Human Sexuality (3)
        - PSYC 2080 Sex, Evolution, & Human Behavior (3)
        - PSYC 2101 Introduction to the Psychology of Adjustment (3)
        - PSYC 2103 Introduction to Human Development: Individual and Family Issues (3)
        - PSYC 2107 Introduction to Social Psychology (3)
        - PSYC 2618 Introduction to Psychology of Women (3)
        - PSYC 2621 Introduction to Abnormal Psychology (3)
        - PSYC 2900 Special Topics in Psychology (3)
    - World language at the 1002 level or higher (3)
2. Select additional courses from Area E to complete 18 hours in Area F.

* Psychology majors must have a 2.3 grade-point average in the first attempt at PSYC 1101 Intro to General Psychology and the next two Psychology Area F courses attempted (with a minimum grade of "C" in PSYC 1101) to be eligible to take 3000- and 4000-level Psyc courses. Only the first attempt at these three courses is considered in computing Area F GPA (see Major Eligibility Requirements).

Area G: Major Courses (32)

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.

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.

General Program in Psychology (32)

1. 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 ensure 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.

2. Required Courses (8):
    - PSYC 3510 Introduction to Research Design and Data Analysis (4)
    - PSYC 3530 Advanced Research Design and Analysis-CTW (4)
3. Advanced Required Courses (9):
   Take one course from each group below.

    - Group 1:
        - PSYC 3140 Psychopathology and Abnormal Psychology (3)
        - PSYC 4020 Social Psychology (3)
        - PSYC 4040 Developmental Psychology (3)
        - PSYC 4160 Theories of Personality (3)
        - PSYC 4510 Community Psychology (3)
        - PSYC 4801 Seminar – Group 1 (3)
    - Group 2:
        - PSYC 4100 Cognitive Psychology (3)
        - PSYC 4105 Cognitive Neuroscience (4)
        - PSYC 4110 Physiological Psychology (3)
        - PSYC 4120 Learning (3)
        - PSYC 4130 Sensation and Perception (3)
        - PSYC 4802 Seminar – Group 2 (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 Advanced Psychology of Women (3)
        - PSYC 3901 Study Abroad in Psychology (3)
        - PSYC 4803 Seminar – Group 3 (3)
4. Psychology Electives (15):
    - Select 15 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.

1. Required Methodology Courses (8):
   (See "General Program in Psychology," described above.)
2. Advanced Required Courses (9):
   - Group 1:
     - PSYC 4510 Community Psychology (3)
   - Group 2: Select one course (3):
     - PSYC 4100 Cognitive Psychology (3)
     - PSYC 4105 Cognitive Neuroscience (4)
     - 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 Advanced Psychology of Women (3)
     - PSYC 3901 Study Abroad in Psychology (3)
3. Select one course to fulfill CTW requirement (3):
   - PSYC 4000 Laboratory Experience in Psychology (3)
   - PSYC 4800 Seminar-CTW (3)
4. Psychology Electives (12):
   Select from below for a total of four courses.

   a. Select a second course from Group 3 above. (3)
   b. Select two courses (6):
      - PSYC 3110 Psychology of Interpersonal Behavior (3)
      - PSYC 3450 Health Psychology (3)
      - PSYC 4020 Social Psychology (3)
      - PSYC 4300 Adolescent Psychology (3)
   c. Select one course (3):
      - PSYC 4760 Research Practicum in Psychology (3)
      - PSYC 4770 Applied Practicum in Psychology (3)

Pre-Medicine Concentration

Students interested in attending medical school are advised to consider the pre-medicine concentration.

Those wishing to pursue this concentration should be aware that the requirements will differ from those listed in the regular psychology curriculum. The Department of Psychology has a pre-medicine adviser. For more information on the pre-medicine curriculum contact the Office of Academic Assistance, College of Arts and Sciences, 404-413-5000 (see section 3040).

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 College and Psi Chi

The department participates in the Honors College 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 College indicate that they graduate with honors in psychology.

Graduation with Distinction in Psychology

Departmental distinction is separate from the Honors College. Faculty members may nominate majors who have an overall average of at least 3.5 and who have demonstrated outstanding research, leadership, or service to the department for graduation with distinction. More information about graduation with distinction is available in the department.

Students should consult the department's website to learn about extracurricular activities than can enhance the psychology major experience.

3510 Religious Studies

Programs Offered:

- **Bachelor of Arts in Religious Studies**
- **Minor in Religious Studies**
- **Dual B.A./M.A. in Religious Studies**

Department of Religious Studies
17th floor, 25 Park Place Bldg.
404-413-6110
religiousstudies.gsu.edu

Molly Bassett, Chair
Monique Moultrie, 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 can 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, online at religiousstudies.gsu.edu.

Program Admission

All undergraduates in good academic standing are eligible for the major and minor in religious studies.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

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)
    - World language at the 1002 or higher level (3)
2. Select additional 1000- or 2000-level courses from those with a subject in the core curriculum to complete 18 hours in Area F.
    - Recommended courses: World language 2001 or 2002 (See "World 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 course to fulfill CTW requirement (3):
    - RELS 3750 Theories and Methods in Religious Studies-CTW (3)
2. Required Course (3):
    - RELS 3270 Religious Traditions of the World (3)
3. Electives (18)

Students must take an additional 18 credit hours in RelS courses at the 3000 and 4000 level to complete the major. Of these 18 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, HIST 3510, HIST 3780, HIST 4530, MUS 4300, POLS 4285, SOCI 4360.

Area H: Minor and Additional Courses

1. Students majoring in religious studies are not required to take a minor.
2. Additional courses not in the major must be taken as electives to complete a minimum of 120 semester hours, exclusive of KH 1010. The department strongly recommends that religious studies majors take the fourth semester of a foreign language as an elective course.

Minor in Religious Studies

Students who wish to minor in religious studies must take at least 15 hours in courses with a RelS prefix, including at least nine semester hours at the 3000 level or above. Students taking more than 15 hours in RelS courses may count the additional hours toward their electives or may consider completing a double major. (A grade of C or higher is required in all courses counting toward the minor.)

Dual B.A./M.A. Program in Religious Studies

The department offers a dual Bachelor of Arts and Master of Arts in Religious Studies. The dual degree opportunity enables qualified students to enroll in graduate courses late in their undergraduate program and apply the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by the department and College of Arts and Sciences to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the undergraduate director for the specific criteria for this honor.

3520 Sociology

Programs Offered:

- **Bachelor of Arts in Sociology**
- **General Program in Sociology**
    - **Concentration in Family**
    - **Concentration in Gender and Sexuality**
    - **Concentration in Gerontology**
    - **Concentration in Race and Urban Studies**
- **Minor in Sociology**
- **Dual B.A. in Sociology/M.A. in Gerontology**
- **Dual B.A./M.A. in Sociology**

Department of Sociology
1041 Langdale Hall
404-413-6500
sociology.gsu.edu

Eric Wright, Chair
Jung Ha Kim, Undergraduate Director
Reginald Butler, Academic Specialist

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 four programs of study. Majors can follow the general program in sociology, or they can select a concentration in race and urban studies, gender and sexuality, or gerontology.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

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)
    - World language at the 1002 level or higher (3)
      See "World Language Requirement for B.A. and B.I.S. Majors," previously described.)

2. Select additional elective courses from the following to complete 18 hours in Area F:
    - AAS 1140, AAS 2010, ANTH 1102, ANTH 2020, CRJU 2200, CSC 1010, ECON 2100, ECON 2105, EDUC 2120, EDUC 2152, EPY 2050, AL 2021, AL 2102, GEOG 1101, HIST 1111, HIST 1112, HIST 1140, HIST 2110, MATH 1070, MATH 1111, PHIL 1010, PHIL 2010, PHIL 2020, POLS 1101, POLS 2101, POLS 2401, PSYC 1101, PSYC 2070, PSYC 2103, RELS 2001, SOCI 2293, SW 2000, WGSS 2010; World language 1001, 2001, 2002

* SOCI 1101 is a prerequisite for many upper-level courses, including SOCI 3030 Sociological Theory.

Area G: Major Courses (30)

A grade of C or higher is required in all major courses. 30 credit hours of 3000-4000 level courses are required for the general program, family concentration, gender and sexuality concentration, and race and urban studies concentration. 33 credit hours of 3000-4000 level courses are required for the gerontology concentration.

General Program in Sociology (30)

1. Major Requirements (12)
    - SOCI 3010 Social Statistics (3) (Any mathematics course from core curriculum Area A2 or MATH 1070 with a grade of C or higher is a prerequisite for SOCI 3010.)
    - SOCI 3020 Social Research Methods-CTW (3)
    - SOCI 3030 Sociological Theory (3) (SOCI 1101 with a grade of C or higher is a prerequisite for this course.)
    - SOCI 3201 Wealth, Power, and Inequality (3)

NOTES: Students must take SOCI 3010 and SOCI 3020 in sequence, beginning with 3010, and may not take these courses during the same term. SOCI 3020 and SOCI 3030 are not offered in the summer semester.

Students who decide to major in Sociology after completing PSYC 3510 may use it for credit toward SOCI 3010. SOCI 3020 cannot be replaced with a methods course from another discipline.

2. Select an additional 18 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

The Family concentration is in the process of being deactivated and will not accept new students.

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. Major Requirements (12)
    - Same as in section 1 of General Program in Sociology, described above
2. Gender and Sexuality Core Courses (6)
    - SOCI 3156 Sexuality and Sociology (3)
    - SOCI 3216 Gender and Society (3)
3. Select two courses from the list below. (6)
    - SOCI 3040 Cognition and Society (3)
    - SOCI 3101 Families and Society (3)
    - SOCI 3152 Birth and Parenthood (3)
    - SOCI 3160 Domestic Field School (3)
    - SOCI 3208 Work and Employment (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)
4. Senior Requirements (may be taken by advanced Juniors) (6)
    - SOCI 4980 Internship (3)
    - SOCI 4990 Capstone (3)

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. Major Requirements (12)
    - Same as in section 1 of General Program in Sociology, described above
2. 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)
3. Select one course. (3)
    - SOCI 4110 Aging Policy and Services (3)
    - SW 4260 Aging Practice, Policy and Research Issues (3)
4. 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)
5. 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. Major Requirements (12)
    - Same as in section 1 of General Program in Sociology, described above
2. Race and Urban Studies Core Courses (6)
    - SOCI 3212 Race and Ethnic Relations (3)
    - SOCI 4226 Urban Sociology (3)
3. Select two courses (6)
    - SOCI 3010 Family and Society (3)
    - SOCI 3040 Cognition and Society (3)
    - SOCI 3160 Domestic Field School (3)
    - SOCI 3180 Housing Inequality (3)
    - SOCI 3208 Work and Employment (3)
    - SOCI 3213 Immigration (3)
    - SOCI 3220 Activism, Protest, and Revolution (3)
    - SOCI 3222 Deviant Behavior (3)

    - SOCI 3224 Crime and Punishment (3)
    - SOCI 3315 Asian American Experience (3)
    - SOCI 3340 Population Problems (3)
    - SOCI 3350 Social Change and the Future (3)
    - SOCI 3354 Sociology of Popular Culture (3)
    - SOCI 4218 Power and Politics (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)
4. Senior Requirements (may be taken by advanced Juniors) (6)
    - SOCI 4980 Internship (3)
    - SOCI 4990 Capstone (3)

Area H: Minor and Additional Courses

1. Students majoring in sociology are not required to take a minor.
2. Additional courses not in the major must be taken as electives to complete a minimum of 120 semester hours, exclusive of KH 1010.

Minor in Sociology

Students who wish to minor in sociology must take 15-18 hours in courses in sociology, including at least nine semester hours at the 3000 level or above. Students taking more than 15 hours in courses in sociology may count the additional hours toward their electives or may consider completing a double major. (A grade of C or higher is required in all courses counting toward the minor.) Students wishing to minor in sociology may seek advisement from the sociology undergraduate advisor.

Dual B.A./M.A. Programs

The department offers a dual Bachelor of Arts and either a Master of Arts in Sociology or Master of Arts in Gerontology. The dual degree opportunity enables qualified students to enroll in graduate courses late in their undergraduate program and apply the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by the department and College of Arts and Sciences to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

Sociology Club and Honor Society

The department sponsors a Sociology Club. The club is an academic, social and service organization.

Interested students are encouraged to participate. Additional information can be obtained from the university student organization website (gsu.orgsync.com) or by contacting Dr. Maura Ryan at mryan@gsu.edu.

Graduation with Distinction in the Major

This program offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the program director for the specific criteria for this honor.

3530 Spanish

Programs Offered:

- **Bachelor of Arts in Spanish**
  - **Concentration in Language, Culture, and Society**
  - **Concentration in Language and International Business**
  - **Concentration in Foreign Language Education**
- **Bachelor of Arts Major in International Economics and Modern Languages**
- **Minor in Spanish**
- **Certificate of Language Ability in Spanish**
- **Dual B.A./M.A. Program in Spanish**

Department of World Languages and Cultures
19th Floor, 25 Park Place Bldg.
404-413-5980
wlc.gsu.edu

William Nichols, Chair
Germán Torres, Associate Chair
Faye Stewart, Undergraduate Director
Victoria Rodrigo, Spanish program coordinator

The Department of World Languages and Cultures serves a threefold purpose: to encourage an appreciation of humanistic values through the study of world languages, literatures, and cultures; to teach world 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 world language needs of the governmental, business, and professional communities.

The department recognizes that an active command of the world language and a thorough exploration of related cultures form an essential basis for further study in the various areas of its curriculum. To this end, the department sponsors study-abroad programs in Granada (Spain) and Costa Rica.

The department maintains a state-of-the-art multimedia Language Acquisition and Resource Center (LARC) with a digital audio laboratory with 50 student computer workstations. The digital lab serves a dual purpose in allowing both independent student access to digitized audio files and interactive software that accompanies the language texts, and also in providing a multimedia environment for teacher-led listening, speaking, and recording activities. In addition to the audio lab, the LARC features a tutoring center and resource library, as well as 17 stand-alone computers for student use. To assist in the development of the student's active language skills and to provide added cultural enrichment, the LARC contains a wide range of audiovisual materials, including an extensive collection of videos, CD-ROMs and DVDs.

The department sponsors two Freshman Learning Communities each year. One group is designed for students interested in using their world language in international business. The other, sponsored jointly by the Department of Applied Linguistics/ESL, is in Language Studies.

For students who hope to teach at the K-12 levels, the department offers Spanish with a concentration that leads to certification.

For students who view language study as a preparation for a career in the business world, the department has two special programs: a concentration in the business language of Spanish, and a practicum in an internationally oriented business or service organization in the metro area for qualified and interested students in their senior year. The department also offers the Bachelor of Arts Major in International Economics and Modern Languages (IEML), in collaboration with the Andrew Young School of Policy Studies.

The department is also a testing center for diplomas certifying proficiency in business language and procedures. These diplomas are granted by chambers of commerce in various countries.

All Spanish majors are encouraged to consult regularly with their departmental advisor in designing and following a program of study that fits their own career objective and the requirements of their particular concentration.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

Program Degree Requirements

In addition to courses in the language major, you are advised to choose courses in other areas that complement your language study. Such courses include other languages, history, philosophy, art and music, business, and education. Faculty advisors in the department are eager to discuss your academic plans with you as you design your course of study.

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Program Financial Information

Lab fees are assessed automatically for students who register for certain courses. As a result, students will no longer be required to purchase lab fee cards. For more information, please feel free to contact the department or review the GoSolar or catalog course listings to determine if a course includes a lab fee.

B.A. in Spanish

Area F: Courses Appropriate to the Major (18)

1. Required courses (0-9):
    - SPAN through the 2002 level (0-9)
      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.

2. Select additional elective courses from the following to complete 18 hours in Area F:
    - SPAN 2203 or SPAN 2501
    - Any courses in other world languages
    - AL 2101, AL 2102, ANTH 1002, ANTH 2020, AH 1700, AH 1750, ART 1301, ECON 2105 , ECON 2106, ENGL 2110, ENGL 2120, ENGL 2130, EDUC 2110, EDUC 2120, EDUC 2130, GEOG 1101, HIST 1111, HIST 1112, FLME 1010, JOUR 1010, [MUSC 1301], PHIL 2010, POLS 2401, THEA 1301, WGSS 2010

Area G: Major Courses (30)

The major in Spanish consists of 30 hours (ten courses) at the 3000/4000 level. Prerequisite for all courses at the 4000 level is the successful completion of 3303 and at least 1 other course at the 3000 level.

1. Major Requirements (9)
    - Select one course:
        - SPAN 3303 Advanced Grammar I (3)
        - SPAN 3501 Advanced Spanish for Heritage Speakers (3)
    - SPAN 3310 Hispanic Culture-CTW (3)
    - SPAN 3314 Themes in Hispanic Culture and Society (3)
2. Concentration Requirements (21)
    - Language, Culture and Society Concentration (21)
        1. Four literature and/or culture courses above Span 3314. (12)
        2. Three additional courses in Spanish at the 3000-4000 level. (9)
    - Language and International Business Concentration (21)
        - SPAN 4405 Spanish for International Business I (3)
        - SPAN 4407 Spanish for International Business II (3)
        - Select one of the following courses (3):
            - SPAN 4409 Techniques of Translation
            - SPAN 4445 Literature for Students of International Business
            - BUSA 3000 Globalization and Business Practice (when taught in Spanish)
        - One literature and/or culture course above SPAN 3314 (3)
        - Three additional courses in Spanish at the 3000-4000 level. (9)
3. Foreign Language Education Concentration (21)
    - SPAN 3301 Oral Communication in Spanish: Topics in Language and Culture (3) (non-native speakers only; others must take an additional course at the 3000-4000 level)
    - A 4000-level Culture course (3)
    - Two literature and/or culture courses above SPAN 3314 (6)
    - Three additional courses in Spanish at the 3000-4000 level (9). (Span 3308 Introduction to Spanish Linguistics recommended).

Area H: Minor and Additional Courses

1. World language majors are not required to take a minor. World 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 "World Language Education Concentration" above and the following methodology courses in the Department of World Languages and Cultures: FORL 3022, FORL 4021, FORL 4025, FORL 4026, and FORL 4030. All students will register for Opening School Experience (FORL 4650) and Student Teaching (FORL 4061/FORL 4062/FORL 4063). All students seeking teaching certification in Spanish must pass EXC 4020 in the College of Education and Human Development with a grade of C or higher.

Students must apply formally and be admitted to the Teacher Education program in foreign languages. For the application forms, please go to the Department of World Languages and Cultures' website under Teacher Certification and then Program Information. To apply, students must have:

- earned a 2.5 overall cumulative GPA,
- passed [Combined Test I, II, and III (700)] or been exempted from the GACE Program Admission Assessment. When registering for the assessment, program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment.; and
- completed the Georgia Educator Ethics – Program Entry (350) Assessment; though there is no "Pass/Fail" grade assigned. Program entry candidates must add your program provider (Georgia State University) as a score recipient when you register or we will not receive notification that you have completed the assessment.

To qualify for the Student Teaching experience, students must receive a grade of B or higher on a departmental test of oral and written proficiency in Spanish. Specific information about date and place of these exams is available in the department office (841 LH).

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

Pre-Service Certificate

Upon admission to a teacher education program, students will be contacted by the college advisement/admissions office and provided with instructions to claim enrollment in their program and submit a GaPSC Pre-Service Certificate Application. The pre-service certificate is required for placement in required field experiences or clinical practice.

Georgia Assessments for the Certification of Educators (GACE)

The state of Georgia requires such candidates to take various GACE and Educator Ethics assessments as part of the educator certification process. These computer-delivered assessments have been developed by the Georgia Professional Standards Commission (GaPSC) and are delivered by the Education Testing

Service (ETS). You will take these tests at different times.

Program Admission and Content Assessments: Program Admission Assessment [Combined Test I, II, and III (700)] is an admission requirement (unless candidate meets qualifications for exemption – scroll down to "Options to Satisfy the Program Admission Assessment Requirement"). When registering for the assessment, program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment.

Content Assessment (different content assessments for each program) tests your content knowledge and is taken after enrollment and prior to program completion. You will receive specific information regarding this test as you near completion of your program (required for certification).

Georgia Educator Ethics Assessment: Georgia Educator Ethics – Program Entry (350) Assessment is an admission requirement. Completion of this assessment is required for admission, though there is no "Pass/Fail" grade assigned. Program entry candidates must add your program provider (Georgia State University) as a score recipient when you register or we will not receive notification that you have completed the assessment.

edTPA

edTPA is a preservice assessment process designed by educators to answer the essential question: "Is a new teacher ready for the job?" edTPA includes a review of a teacher candidate's authentic teaching materials as the culmination of a teaching and learning process that documents and demonstrates each candidate's ability to effectively teach his/her subject matter to all students.

edTPA is a program completion and teacher certification requirement. Students may graduate from the program while continuing to complete teacher certification requirements for edTPA.

Bachelor of Arts Major in International Economics and Modern Languages

Students majoring in this IEML program with a Spanish concentration should contact the Andrew Young School of Policy studies for advisement. Information for this program is available at aysps.gsu.edu/oaa.

Program Admission

There are no admission requirements above the requirements for admission to the University for enrollment in the B. A. program with a major in international economics and modern languages.

Program Financial Information

There are no additional fees other than the tuition and fees charged by the University for enrollment in this program.

Program Degree Requirements

For degree credit, a minimum grade of C must be attained in ENGL 1101 and ENGL 1102 and all courses

in the economics common core curriculum and modern languages core curriculum.

Complete descriptions of requirements for Areas A through E of the Undergraduate Core Curriculum can be found in the "University Degree Requirements and Graduation" chapter of this catalog. The number of semester credit hours required for each section is shown in parentheses.

Area F: Courses Appropriate to the Major (18)

1. Required Courses (15):
    - ECON 2105 Principles of Macroeconomics (3)
    - ECON 2106 Principles of Microeconomics (3)
    - MATH 1070 Elementary Statistics (3)
    - SPAN 2001 Intermediate Spanish I (3)
    - SPAN 2002 Intermediate Spanish II (3)
2. SPAN 2203 or SPAN 2501
3. Select additional 1000/2000-level elective courses from Areas A-E to complete 18 hours in Area F.

Students who have not already attained elementary-level proficiency in Spanish will be required to take prerequisite courses (SPAN 1001 and/or SPAN 1002). In that case, the 1002 language course may be used to satisfy 3 credit hours of core requirements in Area C.

Students who have already attained intermediate-level competency in Spanish may substitute 1000/2000-level courses in another language for SPAN 2001/SPAN 2002 upon approval of the Department of World Languages and Cultures advisor.

Area G: Economics Common Core Curriculum (24) A minimum grade of C is required for all courses in this area.

- ECON 3900 Macroeconomics (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. Major Requirements (6):
    - Select one course:
        - SPAN 3303 Advanced Grammar (3)
        - SPAN 3501 Advanced Spanish for Heritage Speakers (3)
    - SPAN 3310 Hispanic Culture-CTW (3)
2. Concentration Requirements (9):
    - SPAN 4405 Spanish for International Business I (3)
    - SPAN 4407 Spanish for International Business II (3)
    - SPAN 4409 Techniques of Translation (3) or BUSA 3000 Globalization and Business

Practice (3) (when taught in Spanish)

3. Electives (9):
    - Choose two other Span 3000/Span 4000 courses

Area I: Electives (12) Choose any four 3000/4000-level courses, in consultation with the faculty advisor.

Minor in Spanish

Students who wish to minor in Spanish must take 15-18 hours in courses in the language, including at least nine semester hours at the 3000 level or above. Students taking more than 15 hours of courses in the language may count the additional hours toward their electives or may consider completing a double major. A grade of C or higher is required in all courses counting toward the minor.

Certificate of Language Ability in Spanish

A strong demand exists by employers for candidates to offer credentials to verify language proficiency in both oral and written communication. The undergraduate Certificate of Language Ability is designed for students to offer tangible proof of their language abilities and makes an ideal complement to other areas of study such as business, international relations, public healthy, criminal justice, hospitality, and more.

The certificate consists of 12 credit hours at 2000- and 3000-level (minimum of 6 must be at the 3000-level), with a B or higher in the first attempt at each course. Courses retaken using the university Repeat to Replace policy are not counted as first attempts.

- At the 2000-level, students may choose from SPAN 2001, SPAN 2002, SPAN 2101 (6 credit hours), and SPAN 2203.
- At the 3000-level, students may choose from SPAN 3301, or SPAN 3303.

Dual B.A./M.A. Program in Spanish

The department offers a dual Bachelor of Arts and Master of Arts in Spanish. The dual degree opportunity enables qualified students to enroll in graduate courses late in their undergraduate program and apply the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by the department and College of Arts and Sciences to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with

distinction in the major. Please contact the undergraduate director for the specific criteria for this honor.

3540 Speech Communication

Programs Offered:

- **Bachelor of Arts in Speech Communication**
- **Interdisciplinary Minor in Communication Sciences (section 3200)**
- **Minor in Speech**

Department of Communication
8th floor, 25 Park Place
404-413-5600
communication.gsu.edu

Greg Lisby, Chair
Jaye Atkinson, Associate Chair
Douglas Barthlow and Rasha Ramzy, Undergraduate Directors

Speech communication explores the construction, diffusion, analysis, and impact of messages as they occur among individuals, groups, organizations, and cultures in the media age. Students begin the major with courses in interpersonal communication, argumentation, and public speaking. The core of the speech major focuses on how people develop communication skills, how we study communication phenomena, how we critically examine particular communication events, and how various persuasive tactics may influence members of diverse and globalized societies. Elective courses examine such areas as protest rhetoric, communication of identities, political campaigns, media and politics, visual communication, communication styles, communication disorders, intercultural communication, and the dark side of interpersonal relationships.

The concepts and skills provided by the major in speech communication form a strong, liberal arts foundation for a wide variety of occupations (e.g., business, law, politics, teaching, the ministry, public relations, marketing, and communication campaigns).

Credit for special projects and internships is available. Internships enable students who already have completed the appropriate course work and have met departmental eligibility criteria to take advantage of expertise in a variety of professional sectors in the metropolitan area and to tailor programs to their specific career goals.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

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 Communication

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

1. World language at the 1002 or higher level (3)
   (See "World Language Requirement for B.A. and B.I.S. Majors," previously described.)
2. Required Courses (minimum grade of C required) (11)
   - SCOM 1000 Human Communication (2)
   - SCOM 1500 Public Speaking (3)
   - SCOM 2400 Interpersonal Communication (3)
   - SCOM 2710 Argumentation (3)
3. Select additional elective courses from the following to complete 18 hours in Area F:
   - Select additional Perspectives (PERS) courses in Area B.
   - [RSCH 1203] Research Strategies (1)
   - SCOM 2300 Business and Professional Communication (3)
   - SCOM 2900 Intercultural Communication (3)
   - SCOM 2050 Media, Culture and Society (3)

Area G: Major Courses (24)

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

1. Course to fulfill CTW requirement (3):
   - SCOM 3250 Persuasion-CTW (3)
2. Major Requirements (12):
   - SCOM 3050 Speech Communication Research Methods (3)
   - SCOM 4400 Development of Communication and Language Across the Lifespan (3)
   - SCOM 4450 Rhetorical Theory and Criticism (3)
   - SCOM 4800 Communication and Diversity (3)
3. Elective Courses (9):
   - SCOM 3000 Phonetics (3)
   - SCOM 3010 Advanced Public Speaking (3)
   - SCOM 3040 Communicating Environmental Issues (3)
   - SCOM 3060 Communication Law and Regulation (3)
   - SCOM 3450 Nonverbal Communication (3)
   - SCOM 3510 Principles of Debate (3)
   - SCOM 3690 Honors Reading (1-3)
   - SCOM 3750 Intercultural Communication (3)
   - SCOM 4410 Communication Disorders (3)
   - SCOM 4440 Speech Science (3)
   - SCOM 4475 Communication and Aging (3)
   - SCOM 4480 Political Campaign Communication (3)
   - SCOM 4485 Presidential Rhetoric (3)
   - SCOM 4490 Communication and Gender (3)
   - SCOM 4500 Visual Communication (3)
   - SCOM 4510 Media and Politics (3)
   - SCOM 4520 African American Rhetoric (3)

- SCOM 4530 Voices of African American Feminists (3)
- SCOM 4540 Mediation and Conflict Resolution (3)
- SCOM 4550 Communication Styles (3)
- SCOM 4560 Health Communication (3)
- SCOM 4610 The Rhetoric of American Issues (3)
- SCOM 4870 Honors Thesis: Research (3)
- SCOM 4880 Honors Thesis: Writing (3-6)
- SCOM 4890 Special Project (3)
- SCOM 4980 Internship (3)
- SCOM 4995 Directed Readings BIS-CTW (3-4)

Area H: Minor and Additional Courses

1. Majors in the Department of Communication's three B.A. programs must select a minor consisting of at least 15 hours of courses in a discipline within the Department of Communication other than the major (journalism, film and media, or speech communication) 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 Communication

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.)

Interdisciplinary Minor in Communication Sciences

The Interdisciplinary Minor in Communication Sciences is designed to offer undergraduate students an organized set of classes that will enhance their major coursework and prepare them to apply for graduate programs in Communication Sciences and Disorders (CSD). See section 3200 for additional information.

3550 Teacher Preparation Programs

Programs Offered:

The social science departments of the College of Arts and Sciences offer two different pre-education tracks:

- Bachelor of Arts in African-American Studies (Section 3090)
- Bachelor of Arts in History (Section 3320)

Students interested in pre-education are encouraged to consult these sections of this catalog.

The pre-education programs in these departments are for students who plan to teach social studies at the high school level. To be certified to teach, students in this program must complete the initial teacher preparation Master of Arts in Teaching (M.A.T.) Program in Social Studies Education in the College of Education and Human Development (or a similar master's level initial preparation program at another university).

Education Program Offerings:

These departments offer programs in education. Students interested in a career in education are encouraged to consult these sections of this catalog.

- Department of World Languages and Cultures
    - Bachelor of Arts in French with a concentration in Foreign Language Education (section 3280)
    - Bachelor of Arts in German with a concentration in Foreign Language Education (section 3300)
    - Bachelor of Arts in Spanish with a concentration in Foreign Language Education (section 3530)
- Department of Physics and Astronomy
    - Bachelor of Science in Physics with a concentration in education (section 3460)
    - Dual Degree Programs: B.S. Physics with the M.A.T. Science Education (section 3460)

To apply, students must have:

- earned a 2.5 overall cumulative GPA,
- passed [Combined Test I, II, and III (700)] or been exempted from the GACE Program Admission Assessment. When registering for the assessment, program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment; and
- completed the Georgia Educator Ethics – Program Entry (350) Assessment; though there is no "Pass/Fail" grade assigned. Program entry candidates must add your program provider (Georgia State University) as a score recipient when you register or we will not receive notification that you have completed the assessment.

Additional admission requirements may apply, please the program sections in the catalog.

Georgia Assessments for the Certification of Educators (GACE):

The state of Georgia requires such candidates to take various GACE and Educator Ethics assessments as part of the educator certification process. These computer-delivered assessments have been developed by the Georgia Professional Standards Commission (GaPSC) and are delivered by the Education Testing Service (ETS). You will take these tests at different times.

Program Admission and Content Assessments:

Program Admission Assessment [Combined Test I, II, and III (700)] is an admission requirement (unless candidate meets qualifications for exemption – scroll down to "Options to Satisfy the Program Admission Assessment Requirement"). When registering for the assessment, program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment.

Content Assessment (different content assessments for each program) tests your content knowledge and is taken after enrollment and prior to program completion. You will receive specific information regarding this test as you near completion of your program (required for certification).

Georgia Educator Ethics Assessment:

Georgia Educator Ethics – Program Entry (350) Assessment is an admission requirement. Completion of this assessment is required for admission, though there is no "Pass/Fail" grade assigned. Program entry candidates must add your program provider (Georgia State University) as a score recipient when you register or we will not receive notification that you have completed the assessment.

Georgia Educator Ethics – Program Exit (360) Assessment is taken after enrollment and prior to program completion. You will receive specific information regarding this test as you near completion of your program (required for certification).

edTPA

edTPA is a preservice assessment process designed by educators to answer the essential question: "Is a new teacher ready for the job?" edTPA includes a review of a teacher candidate's authentic teaching materials as the culmination of a teaching and learning process that documents and demonstrates each candidate's ability to effectively teach his/her subject matter to all students.

edTPA is a program completion and teacher certification requirement. Students may graduate from the Art Education program while continuing to complete teacher certification requirements for edTPA.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Advisement (senior status/90 or more hours). See section 3040 for additional information.

3570 Women's, Gender, and Sexuality Studies

Programs Offered:

- **Bachelor of Arts in Women's, Gender, and Sexuality Studies**
- **Minor in Women's, Gender, and Sexuality Studies**

Institute for Women's, Gender, and Sexuality Studies
22nd Floor, 25 Park Place Building
P.O. Box 3969
Atlanta, GA 30302-3969

Phone: 404-413-6587
Fax: 404-413-6585
Email: wgss@gsu.edu
wgss.gsu.edu

Susan Talburt, Director
Julie Kubala, Director of Undergraduate Studies

Women's, Gender, and Sexuality Studies (WGSS) at Georgia State University contributes to the University's broader mission of encouraging critical thinking through a focus on feminist interdisciplinary scholarship, teaching, and community participation. WGSS makes explicit the ways in which gender and sexuality, in connection with other categories such as race, class, ability, and age, construct our understandings and experiences of the world. Furthermore, WGSS analyzes the ways public discourse relies on gender and sexuality to conceptualize such issues as war and militarism, policy, the environment, education, healthcare, economics, the media, and popular culture. In order to explore these issues, WGSS emphasizes the following areas of study: sexualities, race and globalization, and social change.

Program Admission

Students wishing to major or minor in WGSS must meet the requirements for the Bachelor of Arts degree as described earlier in this catalog. Students should come to the institute office to receive advisement.

Academic Advisement for Undergraduate Students

Academic advisement for undergraduate students is provided through the University Advisement Center (freshman through junior status/fewer than 90 hours) and the college's Office of Academic Assistance (senior status/90 or more hours). See section 3040 for additional information.

Program Academic Regulations

To take WGSS 4930 Senior Seminar in Women's, Gender, and Sexuality Studies-CTW or WGSS 4999 Directed Readings, students must first receive approval from the Institute for Women's, Gender, and Sexuality Studies Director of Undergraduate Studies.

Program Degree Requirements

Students wishing to major or minor in WGSS must meet the requirements for the Bachelor of Arts degree as described earlier in this catalog. Students should come to the Institute office to meet with the Undergraduate Director.

B.A. in Women's, Gender, and Sexuality Studies

Area F: Courses Appropriate to the Major (18)

1. Required Courses (6)
    - World Language at the 1002 or higher level (3)
    - WGSS 2010 Introduction to Women's, Gender, and Sexuality Studies (3)
2. Select additional elective courses from the following to complete 18 hours in Area F:
    - AAS 2010, ANTH 2020, POLS 2401, PSYC 2040, PSYC 2618, SCOM 2050, SOCI 1101, SOCI 1160, or other 1000/2000-level courses appropriate to the major

Area G: Major Courses (30)

1. CTW Requirement (3)
    - WGSS 4930 Senior Seminar in Women's, Gender, and Sexuality Studies-CTW (3)
2. Required Courses in Major (6)
   Select two of the following:

    - WGSS 3010 Feminist Theories (3)
    - WGSS 3030 Introduction to LGBT Studies (3)
    - WGSS 3040 Globalization and Gender (3)
3. Remaining Courses in Major Field (21): Seven additional Women's, Gender, and Sexuality Studies courses with at least nine hours in a single strand; these strands reflect areas of specialization within the field. The major requirement (WGSS 3030 or WGSS 3040) can also fulfill three hours towards a required strand. Students may, if they wish, take nine hours in an additional strand, or they may choose additional WGSS electives to fulfill the remaining 12 hours. Only courses with the WGSS prefix count as Women's, Gender, and Sexuality Studies courses. The strands include Sexualities, Race and Globalization, and Social Change.

Sexualities:

- WGSS 3030 Introduction to LGBT Studies (3)
- WGSS 3150 Sexuality and Society (3)
- WGSS 3356 Queer Identities (3)
- WGSS 4240 Sexuality and Gender in Asia (3)
- WGSS 4310 Girls (3)
- WGSS 4580 Thinking the Body (3)
- WGSS 4650 Gender and Sexuality in European History (4)
- WGSS 4770 Gender and Sexuality in the African Diaspora (3)
- WGSS 4780 African-American Lesbian and Gay Activism (3)
- WGSS 4810 Feminism and Foucault (3)
- WGSS 4820 Feminism and Queer Theory (3)

- WGSS 4842 Sexuality and Nationalism (3)
- WGSS 4844 Youth and Sexualities (3)

Race and Globalization:

- WGSS 3040 Globalization and Gender (3)
- WGSS 4240 Sexuality and Gender in Asia (3)
- WGSS 4580 Thinking the Body (3)
- WGSS 4590 Cultural Studies of Gender (3)
- WGSS 4750 Black Feminist Thought (3)
- WGSS 4760 Activism: History and Theory (3)
- WGSS 4770 Gender and Sexuality in the African Diaspora (3)
- WGSS 4772 Women in Africa (3)
- WGSS 4780 African-American Lesbian and Gay Activism (3)
- WGSS 4830 Class Matters (3)
- WGSS 4842 Sexuality and Nationalism (3)
- WGSS 4846 Gender, War, and Militarism in/and the Middle East (3)

Social Change:

- WGSS 3040 Globalization and Gender (3)
- WGSS 4510 Feminist Political Theory (3)
- WGSS 4650 Gender and Sexuality in European History (4)
- WGSS 4750 Black Feminist Thought (3)
- WGSS 4760 Activism: History and Theory (3)
- WGSS 4830 Class Matters (3)
- WGSS 4842 Sexuality and Nationalism (3)
- WGSS 4844 Youth and Sexualities (3)

Additional Electives:

- WGSS 3130 Gender and Society (3)
- WGSS 3140 Birth and Parenthood (3)
- WGSS 3995 Feminist Literary Criticism (3)
- WGSS 4130 Communication and Gender (3)
- WGSS 4150 Women and Media (3)
- WGSS 4360 Feminist Philosophy (3)
- WGSS 4470 Visual Culture (4)
- WGSS 4720 Feminist Issues in Contemporary Art (3)
- WGSS 4740 Women Artists (3)

Area H: Minor and Additional Courses

1. Students majoring in WGSS are required to complete a minor of at least 15 hours, at least 9 hours of which must be 3000 level or above. The minor may be taken through a department or institute, or it may be an interdisciplinary minor.
2. Additional courses not in the major or the minor must be taken as electives to complete a minimum

of 120 semester hours, exclusive of KH 1010.

Minor in Women's, Gender, and Sexuality Studies

Students choosing to minor in WGSS should complete 15 hours as follows:

- WGSS 2010 Introduction to Women's, Gender, and Sexuality Studies (3)
- Select one course from the following (3):
    - WGSS 3010 Feminist Theories (3)
    - WGSS 3030 Introduction to LGBT Studies (3)
    - WGSS 3040 Globalization and Gender (3)
- Select nine additional hours of upper-division elective WGSS courses (9).
    - Only courses with the WGSS prefix count as Women's, Gender, and Sexuality Studies courses.

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Faculty can nominate students for graduation with distinction. They should meet minimum grade requirements and be recognized for outstanding research, leadership, and/or service.

Criteria for significant contributions to the field include the following. Additional possibilities may be approved at faculty discretion.

1. Minimum GPA of 3.5 either overall or in the major
2. Significant contribution to the field such as the following:
    - Presentation of a scholarly paper at a conference
    - Authorship (or significant co-authorship) on a manuscript submitted for publication
    - Exceptional service to the department
    - Leadership in a women's/gender/sexuality studies organization, such as Faces of Feminism or BlackOUT
    - Outstanding community activism

4000 College of Education and Human Development

Undergraduate programs in the College of Education and Human Development are described in detail in this chapter. See subsections for specific program information as well as policies and procedures.

Additional Teacher Education information is found in section 1600 of the catalog.

General Information

The information contained in this chapter applies to programs, course offerings, and requirements specific to the College of Education and Human Development. However, the information in this chapter is to be considered supplemental to the general university information found in the preceding chapters of this catalog. Therefore, students should familiarize themselves thoroughly with general information on registration, fees and refunds, academic regulations, student life, and campus services. All policies, regulations, and requirements explained in the preceding chapters of this catalog also apply to the College of Education and Human Development.

Office of the Dean

1000 College of Education and Human Development Building (10th Floor)
404-413-8100
education.gsu.edu/

Paul Alberto, Dean
Gwen Benson, Associate Dean of School, Community and International Partnerships
Joyce Many, Associate Dean of Academic Programs Undergraduate Studies and Educator Preparation
Walt Thompson, Associate Dean of Graduate Studies and Research
Matthew Gillett, College Administrative Officer

Accreditation

The Professional Education Faculty is accredited at Georgia State University is accredited by the National Council for Accreditation of Teacher Education (NCATE), www.ncate.org [NCATE has since merged with a second accrediting body to form the Council for Accreditation of Educator Preparation (CAEP)]. This accreditation covers all initial teacher preparation programs and advanced educator preparation programs at Georgia State University. However, the accreditation does not include individual education courses that the institution offers to P-12 educators for professional development, relicensure, or other purposes.

The Professional Education Faculty offers undergraduate initial teacher preparation programs through the College of the Arts, College of Arts and Sciences, and the College of Education and Human Development.

The B.S. Exercise Science program is accredited by the Commission of Accreditation of Allied Health Education Programs (CAAHEP).

Degree Programs

Undergraduate and graduate degree programs are offered through the departments of Early Childhood and Elementary Education; Kinesiology and Health; Learning Sciences; and Middle and Secondary Education. The departments of Communication Sciences and Disorders, Counseling and Psychological Services, and Educational Policy Studies offer graduate programs only.

Undergraduate degree programs for teachers of art and music are offered by the College of the Arts.

Undergraduate degree programs for teachers of foreign languages and physics are offered by the College of Arts and Sciences.

College of Education Undergraduate Degrees, Majors and Minors:

Bachelor of Arts (B.A.)

- Sign Language Interpreting

Bachelor of Interdisciplinary Studies

- Concentration in Human Learning and Development
- Concentration in Sport Administration

Bachelor of Science (B.S.)

- Exercise Science

Bachelor of Science in Education (B.S.E.)

- Birth Through Five
- Elementary Education
- Health and Physical Education
- Middle Level Education
- Special Education

Certificates

- Career and Technical Specializations
- Healthcare Science Education
- Sign Language Interpreting

Minors

- Educational Psychology
- Special Education – High Incidence Disabilities
- Urban Education

For a list of graduate programs offered through the College of Education and Human Development please visit the college's website at education.gsu.edu/academics/programs/graduate/. Graduate application materials for these programs can be obtained by visiting the Office of Academic Assistance and Graduate Admissions website at education.gsu.edu/admissions/graduate-admissions/.

College Facilities

Many of the college's programs involve student and faculty participation and interaction with metropolitan Atlanta community schools and agencies. Atlanta offers an ideal laboratory for the development of our students. Special facilities in the college of particular interest to undergraduate students are listed below.

Alonzo A. Crim Center for Urban Educational Excellence

350 College of Education and Human Development Building
404-413-8070
crim.education.gsu.edu/

The Alonzo A. Crim Center for Urban Educational Excellence works in partnership with the larger Georgia State community, other universities, school systems, social agencies, and community organizations. Current work includes: (1) Benjamin E. Mays Lecture Series, an annual program which brings nationally prominent educators to Atlanta to address critical issues facing education; (2) Coalition Urban Affiliate Liaisons, meetings between College of Education and Human Development and Atlanta Public Schools urban affiliates to develop research agendas and to discuss difficult issues related to providing excellent education for those children who traditionally have been least well-served by schools; (3) Quarterly Forums, events which address the topic, "Tapping Into the Genius of Our Children," which allows teachers and educators to participate in dialogue with outstanding people who have demonstrated success in fostering academic excellence for economically disenfranchised children in urban schools; (4) The Peachtree Urban Writing Project, a national writing project site and a collaborative of the Atlanta Public School System, Georgia State University, Morehouse College, and Spelman College; (5) National Board Certification Resource Center, provides awareness training to principals and teachers who are going through National Board Certification (NBC), places special emphasis on the recruitment of minority candidates and houses an information library for NBC literature; (6) Martin Luther King, Jr. Curriculum Project, lesson plans developed and designed to encourage hands-on, interactive exploration of materials available in The King Center, while providing historical and sociological knowledge to students as well as in social studies, civics, history, writing and language arts; (7) Staff Development and Curriculum Enhancement, facilitates and hosts ongoing workshops and training sessions that promote professional development for in-service teachers, and identifies supplemental learning resources that will compliment the curriculum that are currently used by teachers. The director of the center is Dr. Brian Williams.

Lanette L. Suttles Child Development Center

Dahlberg Hall, 30 Courtland St.
404-413-8460

Capital Hill Childhood Enrichment

197 Decatur Rd.

404-413-8454

cdp.education.gsu.edu/

The program at Georgia State University is comprised of two centers, the Lanette L. Suttles Child Development Center and Capital Hill Child Enrichment. The Centers are operated by the College of Education and Human Development under the direction of the Department of Early Childhood and Elementary Education. The program provides care for children of students, faculty, and staff. The Suttles Center is open from 7:30 a.m. to 6:00 p.m. Mondays through Fridays, and the Capital Hill Center is open from 7:00 a.m. to 6:00 p.m. Mondays through Fridays. There is a waiting list for parents interested in enrolling their children. Information regarding registration, fees, and ages for children accepted into the program may be obtained by contacting the center. The director of the center is Ms. Stacey French-Lee.

Speech – Language – Hearing Clinic

8th floor, College of Education and Human Development Building
404-413-8044
speechlanguagehearing.education.gsu.edu/

The Speech–Language–Hearing Clinic is operated by the Department of Communication Sciences and Disorders to provide practicum and experience for students in the master's level Communication Sciences and Disorders program offered through the College of Education and Human Development. Students who are identified by faculty as needing evaluation may be referred to the clinic. Students can also receive evaluations and treatment services at their own request. The director of the center is Dr. Debra Schober-Peterson.

4010 Students' Responsibilities

Knowledge of Regulations

Students must assume full responsibility for knowledge of the policies, rules, and regulations of the College of Education and Human Development and the university as well as the departmental requirements concerning their individual programs.

It is the responsibility of the students to become knowledgeable of and to observe all regulations and procedures required by the program being pursued. In no case will a regulation be waived or an exception granted because a student pleads ignorance of the regulation or asserts that an adviser or other university authority did not inform the individual of a specific requirement. Each student should become especially familiar with the chapters of this catalog that present the academic requirements for the degree being sought, the offerings and requirements of the students' major department, and any changes published in the online *Schedule of Classes* each academic term.

While the provisions set forth in this catalog will ordinarily be applied as stated, Georgia State University and the College of Education and Human Development have the right to change any provision, including but not limited to academic requirements for graduation, without actual notice to individual students. Every effort will be made to keep students advised of any such changes. Information on changes will be

available in the Office of the Dean and Office of Academic Assistance and Graduate Admissions when changes are made by the College of Education and Human Development. It is especially important that each student note that it is the individual student's responsibility to keep apprised of current graduation requirements for his or her particular degree program.

Criteria on Academic and Professional Integrity

The College of Education and Human Development is committed to upholding standards of academic and professional integrity. These standards require that students enrolled in undergraduate and graduate programs within the College of Education and Human Development adhere to both the University's Student Code of Conduct as described online at codeofconduct.gsu.edu as well as their individual degree program's Policy on Student Professionalism, Integrity and Retention. Students should contact their department for a copy of their degree program's policy.

4020 College Academic Advisement

Academic advisors in the Office of Academic Assistance and Graduate Admissions advise undergraduate students in the College of Education and Human Development who have completed 90 credit hours or more and are admitted to or are pursuing admission to one of the college's undergraduate degree programs. The college encourages students with questions about their degree requirements or the academic regulations of the college or university to contact their academic advisor.

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 University Career Services (270 Student Center West). The services of the center are described in section 1536 of this catalog.

Office of Academic Assistance and Graduate Admissions

300 College of Education and Human Development Building (30 Pryor Street, Ste. 300)
404-413-8000
education.gsu.edu/student-services/office-of-academic-assistance/

Nancy Keita, Director
Leslie Currah, Assistant Director, Graduate Admissions and Outreach
Stephen Mendenhall, Assistant Director, Academic Assistance (undergraduate and graduate students)
Adriana Gerena, Academic Advisor II (undergraduate students)
David Lowery, Academic Advisor II (undergraduate students)
Jennifer Sukanek, Academic Advisor (undergraduate students)
Basja Tibbs, Certification Officer and Graduation Counselor

The Office of Academic Assistance and Graduate Admissions is here to serve you. This office:

- Provides programs of study of each undergraduate major offered by the college;
- Evaluates previous coursework of undergraduate transfer students for specific course credits that can be applied toward the B.A., B.I.S., B.S. and B.S.E. degrees;
- Confirms eligibility for entry into teacher education;
- Assists students in course selections and schedule revisions each term;
- Explains catalog regulations;
- Administers policies for the college and the university;
- Refers students to other sources of assistance in the university;
- Receives and processes admission applications for the college's undergraduate and graduate programs; and
- Assists graduates in applying for initial certification or upgrading an existing certificate.

Students are advised by appointment except during walk-in times that are provided for brief questions that can be resolved in 10 or fewer minutes. Students should schedule appointments one day in advance so updated records can be provided. Wednesdays are reserved for walk-ins. Office hours are 8:30 a.m. to 5:15 p.m. (M.-F.).

For academic advisement, teacher preparation students in the College of Arts and Sciences (World Languages) should contact the Arts & Sciences Office of Academic Assistance (25 Park Place, Ste. 300, 404-413-5000) or those in the College of the Arts (Art and Music) should contact the College of the Arts Office of Academic Assistance (55 Park Place, Ste. 990, 404-413-5855).

4030 College Academic Regulations

Exploratory Status

Students may select the College of Education and Human Development as an exploratory 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 a degree program through the college's admissions process. Transfer students must comply with all academic regulations of the university and the college.

Entry into teacher education is a separate step and requires meeting specific criteria. Students must complete a separate application, show proof of Tort liability insurance, and pass the GACE program admission assessment (or meet exemption criteria) and the Georgia Educator Ethics entry assessment. Students interested in teacher education programs should refer to section 1600 of this catalog or visit the College of Education and Human Development Office of Academic Assistance and Graduate Admissions website, education.gsu.edu/admissions/undergraduate-admissions/, for more information.

Visiting Students

Students currently enrolled in a degree program at another institution who wish to take coursework from the College of Education and Human Development must follow the admissions requirements shown in the "Undergraduate Admissions" chapter of this catalog. Students from other institutions may be enrolled as visiting students at Georgia State University for no more than two academic terms.

Transient Credit

College of Education and Human Development students must have prior written approval from the college to earn transient credit from another institution if that credit is to be used in a degree program. Contact the Office of Academic Assistance and Graduate Admissions for procedures.

Prerequisite Courses

The faculty have designated prerequisites for many College of Education and Human Development courses. Students are expected to have completed a course's prerequisites prior to the first day of class. If students have appropriate academic and professional experience, they may ask the instructor or department to allow them to register for a course without having completed the published prerequisites for a course; however, the instructor and department are under no obligation to allow the students to enroll without having completed the prerequisites. In some courses, the students may be administratively withdrawn from the course if the instructor or department discovers that they have not completed the course's prerequisites.

Directed Reading Courses

Directed reading courses are designated with the prefix of the program area for which the content of the course is relevant and are numbered 4810. Such a course is for junior or senior level students of superior abilities and proven performance who wish to do independent study in a specific area. Applications for directed reading courses are available from the Office of Academic Assistance and Graduate Admissions. These courses require consultation with the instructor of choice to develop the topic of study, approval of the student's adviser, and approval of the department chair of the instructor's department. **Directed reading courses may not substitute for courses that are part of the regular course offerings of the college.**

Separate Undergraduate and Graduate Programs

The undergraduate and graduate programs of the college are entirely separate and only those persons who have been admitted to a graduate program may enroll in courses numbered 6000 or higher.

Re-entry

A re-entry student is one who has been enrolled at Georgia State University and who meets at least one of these criteria:

- has not registered for courses at Georgia State during any of the previous three semesters.
- has been on scholastic suspension after an absence of one calendar year.
- has been on scholastic exclusions after an absence of five or more years. (undergraduate students only)
- has attended any semester as a transient and wishes to attend an additional term. (undergraduate students only)

Application Procedures for Re-entry

The Re-entry Application is available online at admissions.gsu.edu/re-entry/. Students will need to submit a $25.00 application fee with their applications. Re-entry 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 re-entry, they may not re-enter but instead apply for a new degree program.

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

The appeals procedure for students in the College of Education will follow different courses of action depending on the nature of the student's appeal. Please refer to University Information Section 1050.80 under Polices and Disclosures in this catalog or visit enrollment.gsu.edu/assistance/ for details.

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

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

To adhere to University policy, the College of Education and Human Development has developed two forms: Petition for Waiver or Variance and Student Petition for Resolution. Students should complete these forms and submit to appropriate department for review.

Petition for Waiver or Variance

Any student in the College of Education and Human Development may petition for a waiver or variance of established policy, procedure, rule, or guideline governed by the college. This form should be used for requests of substitutions of required courses and/or waivers of college policies governing students. The Student Petition for Waiver or Variance must be submitted by the end of the term prior to the term in which the exception is needed. The form can be found at education.gsu.edu/student-services/forms-policies-regulations/.

Student Petition for Resolution

Students are encouraged to discuss academic or non-academic problems or grade concerns with the instructor prior to filing a formal petition, in an effort to gain understanding about the basis of the treatment or grade. If the issue is not resolved informally, students should complete the Student Petition for Resolution process. The form can be found at education.gsu.edu/student-services/forms-policies-regulations/.

College Degree Requirements

The College of Education and Human Development has no additional degree requirements beyond the university academic regulations.

4040 Program Degree Requirements

Undergraduate degrees offered by the College of Education and Human Development are listed in this section alphabetically by major and then by degree designation followed by minors and non-degree, certification only programs. Students enrolled in degree programs must complete all the requirements for the selected degree and must comply with the general academic regulations of the university. Each program of study listed in this section provides the minimum requirements for that specified program. Additional coursework and non-coursework activities may be required based on faculty evaluation of the students' background preparations and demonstration of their skills and knowledge.

Course descriptions are listed alphabetically by prefix name then course number in the "Course Descriptions" chapter of this catalog.

Undergraduate Core Curriculum

Georgia State University requires all students seeking a baccalaureate degree to satisfactorily complete a basic core of general education subjects. All programs offered by the College of Education and Human Development are designed to comply with the University System of Georgia core curriculum requirements. For a full description of the requirements for Areas A through E of the undergraduate core curriculum, please see the "Core Curriculum" chapter of this catalog. Requirements for completing Areas F through H of each degree program are listed in this chapter.

Students who are completing the core curriculum requirements at another unit of the University System of Georgia are encouraged to check the Georgia State catalog for specific required course prerequisites to maximize the transfer of core credits to apply to the programs in which they plan to enroll.

4100 Birth Through Five

Program Offered:

- **Bachelor of Science in Education in Birth Through Five**

Additional Teacher Education information is found in section 1600 of the catalog.

Department of Early Childhood and Elementary Education
550 College of Education and Human Development Building
404-413-8020
Lynn Hart, Chair
ece.education.gsu.edu/

The B.S.E. major in Birth Through Five 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.

The program offers two concentrations: 1) teacher certification and 2) non-certification.

Successful completion of the teacher certification concentration leads to a baccalaureate degree along with recommendation for Birth Through Kindergarten licensure. Candidates completing the Birth through Five preparation teacher certification concentration program may be recommended for certification in both Birth through Kindergarten as well as the Endorsement in Pre-School Special Education (3-5).

Students in the non-certification concentration are not eligible to be recommended for certification and receive the Pre-School Special Education Endorsement.

Program Admission

Students are required to meet all University and College admission requirements. In addition, students must apply for admission prior to beginning coursework in the upper division core, Area G of the program.

To apply for the teacher certification concentration:

- Students must have a minimum 2.75 overall grade point average on all postsecondary coursework previously completed;
- Students must present passing scores on the GACE Program Admission Assessment or demonstrate an exemption upon application to an initial educator preparation program.
- Students must complete the Georgia Educators Ethics – Program Entry (350) Assessment.
- Students must have successfully completed all courses in Areas A-F.
- Students must have successfully completed all required courses in Areas A and F with a grade of "C" or higher, or have transferred in approved Area A-F courses as outlined in approved USG-DTAE Articulation Agreements;
- Students must submit proof of tort liability insurance; and
- Students must complete a writing sample and participate in an interview with program faculty. Please note that the completion of the writing sample and participation in the interview does not guarantee admission to the Birth Through Five program.

To apply for the non-certification concentration:

- Students must have a minimum 2.75 overall grade point average on all postsecondary coursework previously completed;

- Students must have successfully completed all courses in Areas A-F.
- Students must have successfully completed all required courses in Areas A and F with a grade of "C" or higher, or have transferred in approved Area A-F courses as outlined in approved USG-DTAE Articulation Agreements;
- Students must submit proof of tort liability insurance; and
- Students must complete a writing sample and participate in an interview with program faculty. Please note that the completion of the writing sample and participation in the interview does not guarantee admission to the Birth Through Five program.

The Technical College System of Georgia Articulation Agreements and the Birth through Five program handbook can be found on the Department of Early Childhood and Elementary Education website.

Program Financial Information

Birth Through Five majors must pay all tuition and fees charged by the University and the College. A $125.00 lab fee may be charged at the time students register for the student teaching experience. For students pursing the teacher certification concentration, the cost of the edTPA portfolio submission is $300.00, which will also be associated with student teaching.

Educator preparation students must be aware that extra cost such as tort liability insurance, criminal background check, and transportation will be incurred at various times during the completion of various teacher education field experiences.

Program Academic Regulations

Program of Study: Students must complete 42 semester hours in Areas A-E of the Undergraduate Core Curriculum. Courses in Area A must be completed with "C" or higher grades. All courses listed below in Areas F-G must be completed with a grade of "C" or higher unless otherwise noted. Semester hours are shown in parentheses following an entry.

B.S.E. students are required to meet the Georgia 2006 Technology Proficiency Requirement. Students enrolled in the Department of Early Childhood and Elementary Education Teacher Education Programs at Georgia State University will complete this graduation and certification requirement by demonstrating competency on designated assignments embedded in the program of study.

Pre-Service Certificate: Upon admission to the teacher certification concentration, students will be contacted by the College's Office of Academic Assistance office with instructions to claim enrollment in their program and submit a GaPSC Pre-Service Certificate Application. The pre-service certificate is required for placement in required field experiences or clinical practice.

Certification: Students in the teacher certification concentration must post passing scores on the GACE Content Assessment, Georgia Educator Ethics – Program Exit (360) Assessment, and edTPA in order to be recommended by Georgia State University for clear, renewable certification. Students in the non-certification concentration are not eligible to be recommended for certification.

Program Degree Requirements

Areas A-E. Core Curriculum Recommendations

Students must complete 42 semester hours in Area A-E of the Undergraduate Core Curriculum or have transferred in approved Area A-E courses as outlined in approved USG-DTAE Articulation Agreements. Courses in Area A must be completed with "C" or higher grades.

Semester hours are shown in parentheses following an entry.

Area F. Courses Appropriate for a Major (18)

Students must complete coursework with a grade of "C" or higher in Area F prior to admission to teacher education. Students must complete 18 semester hours in Area F, or have transferred in approved Area F courses as outlined in approved USG-DTAE Articulation Agreements, which can be found on the Department of Early Childhood and Elementary Education web site.

Required (18):

- EDUC 2110 Investigating Critical & Contemporary Issues in Education (3)
- EDUC 2120 Exploring Socio Cultural Perspectives on Diversity (3)
- EDUC 2130 Exploring Teaching & Learning (3)
- EDUC 2152 Birth and Parenthood (3)
- EDUC 2300 Introduction to Child Development (3)
- KH 2360 Childhood Health and Wellness (3)

Areas A-F Articulation Agreement for USG – DTAE Institutions

Graduates from Early Childhood Care and Education degree programs from COC accredited Technical College System of Georgia institutions will have satisfied the requirements for all six courses in the USG Area F for the BSED in Birth-Age 5 Teacher Preparation Program.

Area G: Courses Required for the Major

Required Courses (40):

- BRFV 3200 Introduction to Administration and Organization of Programs for Young Children (3)
- BRFV 3250 Professional and Ethical Practice-CTW (3)
- BRFV 4360 Child Guidance Birth to Five (3)
- BRFV 4370 Language, Literacy, and Cognition-CTW (3)
- BRFV 4380 Methods for Infants and Toddlers (4)
- BRFV 4390 Reading/Literacy, Social Studies and the Arts: Methods for Young Children(4)
- BRFV 4400 Family and Community Relationships (3)
- BRFV 4490 Mathematics, Science and Technology: Methods for Young Children(3)
- EXC 3560 Observation and Assessment for Infants, Toddlers and Preschoolers (3)
- EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)
- EXC 4520 Methods for Infants and Toddlers with Disabilities (4)

- EXC 4530 Methods for Pre-Kindergarten and Kindergarten Children with Disabilities (4)

Electives (11): In consultation with their program coordinator, students choose their courses to fulfill the elective requirement (11 hours).

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).

Required prior to Area H: (40) Semester Hours; All courses in the 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 should not enroll in other courses while completing Area H requirements. Students must complete student teaching coursework in Area H with a grade of "C" or higher.

Required (9-12):

- BRFV 4650 Opening School Experience (0)
- BRFV 4661 Student Teaching (9-12)

Students must complete a minimum of 9 hours in BRFV 4661 Student Teaching.

Students in the teacher certification concentration must post passing scores on the GACE Content Assessment, Georgia Educator Ethics – Program Exit (360) Assessment, and edTPA in order to be recommended by Georgia State University for clear, renewable certification.

Students in the non-certification concentration are not eligible to be recommended for certification.

Total Program: minimum of 120 semester hours

4110 Elementary Education

Program Offered:

- **Bachelor of Science in Education in Elementary Education**
    - **Concentration in Early Childhood Education (P-5) Certification with an ESOL Endorsement**
    - **Concentration in Early Childhood Education (P-5) and Early Childhood Special Education (P-5) Dual Certification**

Additional Teacher Education information is found in section 1600 of the catalog.

Department of Early Childhood and Elementary Education

550 College of Education and Human Development Building
404-413-8020
Lynn Hart, Chair
ece.education.gsu.edu/

Elementary Education B.S.E. program Faculty prepare undergraduates to teach diverse learners in 1) pre-kindergarten through fifth grade, 2) English to Speakers of Other Languages (ESOL), and 3) special education. There are two program options for completing the B.S.E. degree in Elementary Education: the Initial Certification in PreK-5th grades with an endorsement to teach English to Speakers of Other Languages (ESOL) and the Dual Certification in Early Childhood and Special Education. The program reflects research and best practice in the field of early childhood education and teacher education. Candidates receive content and pedagogy in all academic disciplines taught in the early childhood classroom. The program further provides integration of the visual, theatrical and musical arts within the context of digital technology. The broad and extensive field-based experiences intentionally scaffold candidates' knowledge and ability to select and implement developmentally appropriate technology, resources and activities for teaching and learning in diverse settings across grade levels. Successful completion of this program leads to a recommendation for P-5 licensure and an endorsement to teach English to Speakers of Other Languages (ESOL) or dual certification in Early Childhood Education (P-5) and Early Childhood Special Education (P-5).

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. Elementary Education program:

- students must have a minimum 2.75 overall grade point average on all undergraduate coursework previously completed;
- students must present passing scores on the GACE Program Admission Assessment or demonstrate an exemption upon application to an initial educator preparation program;
- students must complete the Georgia Educator Ethics – Program Entry (350) Assessment;
- students must have successfully completed all courses in Area A-F;
- students must submit proof of tort liability; and
- students must complete a writing sample and participate in an informational session hosted by faculty. Please note that the completion of the writing sample and participation in the informational session does not guarantee admission to the B.S.E. program.

Program Financial Information

B.S.E majors must pay all tuition and fees charged by the University and the College. A lab fee of $125 will be charged at the time students register for the student teaching experience. Educator preparation students must be aware that extra cost such as tort liability and transportation will be incurred at various times during the completion of various teacher education field experiences, particularly during the students' senior year. The cost of the edTPA portfolio submission is $300.00, which will also be associated with student teaching.

Program Academic Regulations

Program of Study: Students must complete 42 semester hours in Areas A-E of the undergraduate Core Curriculum. Courses in Area A must be completed with "C" or higher grades. All courses listed below in Areas F-G must be completed with a grade of "C" or higher unless otherwise noted. Semester hours are shown in parentheses following an entry.

B.S.E. students are required to meet the Georgia 2006 Technology Proficiency Requirement. Students enrolled in the Department of Early Childhood and Elementary Education Teacher Education Programs at Georgia State University will complete this graduation and certification requirement by demonstrating competency on designated assignments embedded in the four semester course sequence.

Pre-Service Certificate: Upon admission to a teacher education program, students will be contacted by the College's Office of Academic Assistance office with instructions to claim enrollment in their program and submit a GaPSC Pre-Service Certificate Application. The pre-service certificate is required for placement in required field experiences or clinical practice.

Certification: Students must post passing scores on the GACE Content Assessment, Georgia Educator Ethics – Program Exit (360) Assessment, and edTPA in order to be recommended by Georgia State University for clear, renewable certification.

Program Degree Requirements

There are two program options for completing the B.S.E. Degree in Elementary Education: the Initial Certification in PreK-5th grades with an endorsement to teach English to Speakers of Other Languages (ESOL) and the Dual Certification in Early Childhood and Special Education.

Concentration in Early Childhood Education (P-5) Certification with an ESOL Endorsement

Areas A-E: Core Curriculum Recommendations

Students must complete 42 semester hours in Areas A-E of the Undergraduate Core Curriculum. Courses in Area A must be completed with "C" or higher grades.

MATH 1070 Elementary Statistics (3) is recommended in Area D for Elementary Education majors.

Area F. Courses Appropriate for a Major (18)

Students must complete coursework with a grade of "C" or higher in Area F prior to admission to teacher education.

Required (18):

- EDUC 2110 Investigating Critical & Contemporary Issues in Education (3)
- EDUC 2120 Exploring Socio Cultural Perspectives on Diversity (3)
- EDUC 2130 Exploring Teaching & Learning (3)
- ISCI 2001 Integrated Science I: Life/Earth Sciences (3)

- ISCI 2002 Integrated Science II: Physical Sciences (3)
- MATH 2008 Foundations of Numbers and Operations (3)

Area G. Major Courses (57)

Students must complete all courses listed below in Areas G with a grade of "C" or higher unless otherwise noted. Students begin Area G of their programs as a cohort and must take courses in the sequence specified. The Department of Early Childhood and Elementary Education provides a program manual describing course requirements and expectations.

- ECE 3021 Child Development (3)
- ECE 3255 ESOL: Cultural Foundations-CTW (3)
- ECE 3360 Assessment of Classroom Learning in Early Childhood Education (3)
- ECE 3390 Teacher as Responsible Practitioner in the 21st Century-CTW (3)
- ECE 3400 Reading Methods in Elementary Education (3)
- ECE 3440 ESOL: Curriculum and Instruction (3)
- ECE 3600 Language and Literacy Inquiry (3)
- ECE 3602 Writing and Composing in the Digital Age (3)
- ECE 3603 Mathematics Methods in Elementary Education: Primary Grades (3)
- ECE 3604 Mathematics Methods in Elementary Education: Upper Grades (3)
- ECE 3605 Social Studies Methods in Early Childhood Education (3)
- ECE 3606 Science and Inquiry in Early Childhood Education (3)
- ECE 3661 Classroom Management & Practicum I: Fostering Dispositions of Responsive Educators (3)
- ECE 3662 Classroom Management & Practicum II: Transforming Observations of Children into Practice (3)
- ECE 3663 Classroom Management & Practicum III: Contextualizing Teaching and Learning (3)*
- EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)
- MATH 3050 Geometry and Spatial Sense (3) (MATH 2008 is a prerequisite for this course.)
- MATH 3090 Algebraic Concepts (3) (MATH 2008 is a prerequisite for this course.)
- AE 2300 or MUS 2300 Art and Music for Early Childhood (3)

*Students must earn a grade of "B" or higher in ECE 3663.

Area H. Student Teaching (12)

All program requirements must be satisfactorily completed before students are authorized to enroll in student teaching. Students should not enroll in other courses while completing Area H requirements. Students must complete student teaching coursework in Area H with a grade of "C" or higher.

Required (12):

- ECE 4650 Opening School Experience (0) (Required to successfully complete during the first fall semester preceding student teaching.)
- ECE 4662 Student Teaching (12)

Students must post passing scores on the appropriate GACE Content Assessment, Georgia Educator Ethics – Program Exit (360) Assessment, and edTPA in order to be recommended by Georgia State University for clear, renewable certification.

Total Program: minimum of 129 semester hours

Concentration in Early Childhood Education (P-5) and Early Childhood Special Education (P-5) Dual Certification

Areas A-E: Core Curriculum Recommendations

Students must complete 42 semester hours in Areas A-E of the Undergraduate Core Curriculum. Courses in Area A must be completed with "C" or higher grades.

MATH 1070 Elementary Statistics (3) is recommended in Area D for Elementary Education majors.

Area F. Courses Appropriate for a Major (18)

Students must complete coursework with a grade of "C" or higher in Area F prior to admission to teacher education.

Required (18):

- EDUC 2110 Investigating Critical & Contemporary Issues in Education (3)
- EDUC 2120 Exploring Socio Cultural Perspectives on Diversity (3)
- EDUC 2130 Exploring Teaching & Learning (3)
- ISCI 2001 Integrated Science I: Life/Earth Sciences (3)
- ISCI 2002 Integrated Science II: Physical Sciences (3)
- MATH 2008 Foundations of Numbers and Operations (3)

Area G. Major Courses (57)

Students must complete all courses listed below in Areas G with a grade of "C" or higher unless otherwise noted. Students begin Area G of their programs as a cohort and must take courses in the sequence specified. The Department of Early Childhood and Elementary Education provides a program manual describing course requirements and expectations.

- ECE 3021 Child Development (3)
- ECE 3255 ESOL: Cultural Foundations-CTW (3)
- ECE 3390 Teacher as Responsible Practitioner in the 21st Century-CTW (3)
- ECE 3400 Reading Methods in Elementary Education (3)
- ECE 3600 Language and Literacy Inquiry (3)
- ECE 3602 Writing and Composing in the Digital Age (3)
- ECE 3603 Mathematics Methods in Elementary Education: Primary Grades (3)
- ECE 3604 Mathematics Methods in Elementary Education: Upper Grades (3)
- ECE 3605 Social Studies Methods in Early Childhood Education (3)
- ECE 3606 Science and Inquiry in Early Childhood Education (3)

- ECE 3661 Classroom Management & Practicum I: Fostering Dispositions of Responsive Educators (3)
- ECE 3662 Classroom Management & Practicum II: Transforming Observations of Children into Practice (3)
- EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)
- EXC 4560 Educational Evaluation of Students with Disabilities (3)
- EXC 4570 Individual and Classroom Management (3)*
- EXC 4580 Instructional Methods for Students with Behavior Learning Disabilities (3)
- MATH 3050 Geometry and Spatial Sense (3) (MATH 2008 is a prerequisite for this course.)
- MATH 3090 Algebraic Concepts (3) (MATH 2008 is a prerequisite for this course.)
- AE 2300 or MUS 2300 Art and Music for Early Childhood (3)

*Students must earn a grade of "B" or higher in EXC 4570.

Area H. Student Teaching (12)

All program requirements must be satisfactorily completed before students are authorized to enroll in student teaching. Students should not enroll in other courses while completing Area H requirements. Students must complete student teaching coursework in Area H with a grade of "C" or higher.

Required (12):

- ECE 4650 Opening School Experience (0) [Required to successfully complete during the first fall semester preceding student teaching.]
- ECE 4661 Student Teaching (9)
- EXC 4671 Student Teaching in Special Education (3)

Students must post passing scores on the appropriate GACE Content Assessments, Georgia Educator Ethics – Program Exit (360) Assessment, and edTPA in order to be recommended by Georgia State University for clear, renewable certification.

Total Program: minimum of 129 semester hours

4120 Exercise Science

Program Offered:

- **Bachelor of Science in Exercise Science**

Department of Kinesiology and Health
Sports Arena
404-413-8050
kh.education.gsu.edu/

The B.S. major in Exercise Science prepares students for careers in adult fitness, worksite health

promotion/corporate fitness, personal training, clinical exercise physiology, cardiac rehabilitation, and other related fields. Preparation is also provided in fitness management, program management, sports skills development and enhancement, strength and conditionings, and related topics. The degree program also provides an excellent academic background for graduate study or for application to physical therapy, occupational therapy, physician's assistant, medical school, sports medicine, public health, and other health science professional programs.

The B.S. Exercise Science program is accredited by the Commission of Accreditation of Allied Health Education Programs (CAAHEP).

Program Admission

Students must apply to the B.S. Exercise Science program after completion of areas A-E and the following Area F courses: KH 2220, KH 2221, KH 2230, and KH 2231. A minimum of "C" on the first attempt (WF counts as an attempt) is required in each of the following classes: KH 2220, KH 2221, KH 2230, and KH 2231. Competitive applicants will have a "B-" or better in each of these courses.

To apply for the B.S. in Exercise Science, students must submit the application available on the CEHD website at education.gsu.edu/admissions/undergraduate-admissions/. As part of the application, students will be required to upload a statement of purpose (must be no more than 1000 words in length) and include the following information: 1) educational and career objectives and how a degree in Exercise Science will aid you in achieving those goals, and 2) list of extracurricular activities, including jobs, volunteer work, student clubs/organizations, etc.

Program Financial Information

Lab fees are associated with several courses within the Exercise Science program. In addition, B.S. majors must pay all tuition and fees charged by the university and the college.

Program Degree Requirements

B.S. in Exercise Science

Areas A-E: Core Curriculum Recommendations

Students must complete 42 semester hours in Areas A-E of the Undergraduate Core Curriculum. MATH 1111 is a prerequisite for B.S. Exercise Science majors. The Department of Kinesiology and Health recommends that students take MATH 1111 in Area A2. If a student chooses MATH 1101 or lower in Area A2,they must still complete MATH 1111 prior to taking KH 3600 in Area G. The department recommends taking CHEM 1151K/1152K or PHYS 1111K/1112K as the 2 course sequence in Area D (the 1 extra credit hour will count in Area G). MATH 1112 or MATH 1113 are prerequisites for PHYS1111K/1112K. The department recommends taking PSYC 1101 for Area E.

Semester hours are shown in parentheses after an entry.

Area F. Courses Appropriate for a Major (18)

Required (18):

- KH 2130 Introduction to Kinesiology and Health (3)
- KH 2220 Anatomy in Kinesiology and Health (3)
- KH 2221 Anatomy in Kinesiology and Health Laboratory (1)
- KH 2230 Physiology in Kinesiology and Health (3)
- KH 2231 Physiology in Kinesiology and Health Laboratory (1)
- KH 2520 Principles of Physical Activity and Fitness (3)

Choose One Course (4):
The course cannot be used in Area D.

- 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)
- CHEM 1151K Survey of Chemistry I (4)
- CHEM 1152K Survey of Chemistry II (4)
- CHEM 1211K Principles of Chemistry I (4)
- CHEM 1212 Principles of Chemistry II (4)
- PHYS 1111K Introductory Physics I (4)
- PHYS 1112K Introductory Physics II (4)
- PHYS 2211K Principles of Physics I (4)
- PHYS 2212K Principles of Physics II (4)

KH 2220, KH 2221, KH 2230, and KH 2231 may be attempted only once. A WF counts as an attempt. Transfer students who transfer these course(s) into Georgia State University, may use the grades in the last attempted transferred course or they may attempt them (once) at Georgia State University.

A grade of "C" or higher is required for KH 2520.

Students can petition to use BIOL 2110K and BIOL 2120K in place of KH 2220, KH 2221, KH 2230, and KH 2231; however, a student must still receive a "C" or higher in each course.

Area G. Major Courses (54)

A grade of "C" or higher is required in all courses in Area G.

Pre-Exercise Science students can register for the following courses as long as prerequisites are met.

- KH 3500 Athletic Training (3)
- KH 3550 Statistics and Evaluation in Exercise Science (3)
- Electives for which appropriate prerequisites have been completed

To enroll in the upper-level courses listed below, students must be declared B.S. Exercise Science students. Students must complete the prerequisites for these courses with a grade of "C" or higher.

- 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 (3)
- KH 4360 Clinical Exercise Physiology (4)
- KH 4600 Advanced Biomechanics for Exercise Science (3)
- KH 4630 Fitness Assessment and Exercise Prescription (4)

Electives (18):
Select six or more:

- BIOL 2240 Introduction to Human Physiology (3) and BIOL 2250 Human Physiology Laboratory (1)
- GERO 4200 Health and the Older Adult (3) (same as SNHP 4200)
- GERO 4610 Psychology of Aging (3) (same as PSYC 4610)
- KH 3060 Performance and Analysis in Disability Sport (3)
- KH 3360 Disability, Sport, and Physical Activity (3)
- KH 3520 Strength Training and Conditioning (4)
- KH 3610 Motor Learning and Development (3)
- KH 3630 Principles and Philosophy of Coaching (3)
- KH 3635 Special Considerations for Coaching Athletes with Disabilities (3)
- KH 3680 International Experience in Sport and Exercise Science (3)
- KH 3760 Special Topics in Kinesiology and Health (3)
- KH 3820 Research Methods in Kinesiology (3)
- KH 4200 Analysis of Sport Coaching (3)
- KH 4210 Long Term Athlete Development (3)
- KH 4380 Obesity and Related Complications (3)
- KH 4390 ECG and Exercise Stress Training (3)
- KH 4400 Environmental Exercise Physiology (3)
- KH 4640 Principles and Practice of Program Design (3)
- MATH 1111 College Algebra (3)
- PSYC 3450 Health Psychology (3)
- NUTR 2100 Principles of Nutrition (3)
- NUTR 3100 Nutrition and Health (3)
- NUTR 3500 Nutrition and Metabolism (3)
- NUTR 4960 Nutrition and Physical Fitness (3)
- RT 3005 Clinical Cardiopulmonary Physiology (3)
- SOCI 4230 Sociology of Health and Illness (3)
- Other courses may be selected with consent of adviser.

Area H. Practicum (6 semester hours)

Students must successfully complete all courses in Area G to be authorized to enroll in Area H courses. Students should not enroll in other courses while completing Area H requirements. A grade of "S" is required in all courses in Area H. This experience is established with the assistance of the Program advisor

and the Internship Coordinator.

Required (1):

- KH 4750 Practicum in Exercise Science (1)*

Select One (5):

- KH 4760 Internship in Exercise Science (5)
- KH 4800 Research Fellowship in Exercise Science (5)**

*Students are required to complete an Exit Exam. This exam is given in KH 4750 Practicum in Exercise Science and must be passed with a score/percentage of 75% in order to successfully complete KH 4750 and graduate. Students are also required to take a national certification exam from a list of department-approved certification exams and report their results in order to successfully complete KH 4750 Practicum in Exercise Science.

**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

Program Offered:

- **Bachelor of Science in Education in Health and Physical Education**

Additional Teacher Education information is found in section 1600 of the catalog.

Department of Kinesiology and Health
Sports Arena
404-413-8050
kh.education.gsu.edu/

The B.S.E. major in Health and Physical Education has two concentrations. The first prepares graduates to teach integrated programs of health and physical education teacher certification (TC) for pre-kindergarten through twelfth grade. The second prepares sport coaches (sport coaching) to work in community sport and movement settings from early childhood through later adulthood. Areas of emphasis across the two concentrations include movement skill development and analysis, personal health and wellness, pedagogical-disciplinary study, contemporary curriculum, instructional skills and models, sport coaching and development of athletes, and direct field experiences. Both concentrations feature a field-based approach.

Program Admission

Students are required to meet all university and college admission requirements. In addition, students in

the teacher certification concentration must apply for teacher education prior to beginning Area G of the program.

To be accepted into the B.S.E. Health and Physical Education program:

- 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 participate in an interview (including a writing exercise) with program faculty.

Students in the teacher certification concentration:

- must present passing scores on the GACE Program Admission Assessment or demonstrate an exemption upon application to an initial educator preparation program;
- must complete the Georgia Educator Ethics – Program Entry (350) Assessment;
- must apply for a Pre-Service Certificate which includes a background check and show proof of tort liability insurance.

Students in the sport coaching concentration:

- must pass a criminal background check and show proof of tort liability

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/internship experience. Students must be aware that extra cost such as fees for LiveText, tort liability, criminal background check, edTPA, and transportation will be incurred at various times during the completion of various field experiences, particularly during the students' senior year. The cost of the edTPA portfolio submission is $300.00, which will be associated with student teaching.

Program Academic Regulations

Program of Study for the teacher certification concentration: 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 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 teacher certification concentration. A grade of "B" in KH 4710 and KH 4720 is required for recommendation for certification. Students who do not receive a grade of "B" or better may repeat the course once. If a student fails to earn a "B" the second time, he or she will not be allowed to enroll in the course again and will not be recommended for

certification.

Entry into the program does not guarantee continuation in the program, graduation from the program and/or recommendation for certification even if all requirements have been met. Students may graduate from the program with a "B-", "C+", "C", or "C-" without recommendation for certification even if the certification test has been passed.

Pre-Service Certificate (for teacher certification concentration only): Upon admission to a teacher education program, students will be contacted by the College's Office of Academic Assistance office with instructions to claim enrollment in their program and submit a GaPSC Pre-Service Certificate Application. The pre-service certificate is required for placement in required field experiences or clinical practice.

Certification (for teacher certification concentration only): Students must post passing scores on the GACE Content Assessment, Georgia Educator Ethics – Program Exit (360) Assessment, and edTPA in order to be recommended by Georgia State University for clear, renewable certification.

Program of Study for the sport coaching concentration: students must complete 42 semester hours in Areas A-E of the Undergraduate Core curriculum. Courses in Area A must be completed with a C grade or higher. A grade of B is required in KH 4730 and KH 4740. Students who do not receive a grade of B or better may repeat the courses once. If a student fails to earn a B or better the second time, he or she will not be permitted to enroll in the course again and will be removed from the program.

Tort Liability: All students must show proof of tort liability insurance prior to admission to taking courses in the methods and curriculum section of Area G and then again prior to enrollment in student teaching/internship. Students may obtain the appropriate forms through education.gsu.edu/student-services/office-of-field-placements/.

Professional Development Plan: Program candidates may be placed on a Professional Development Plan (PDP). The HPE faculty has many options to choose from for determining a PDP for individuals. These options may include but are not limited to retaking courses; taking additional courses; and taking speech or writing workshops. Continuation in the program will depend on demonstrating timely and successful completion of PDP requirements.

As the courses progressively become more field-based, program faculty, cooperating teachers, and school/agency 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 candidates that enter and graduate from the program exhibit professional behaviors. The HPE faculty is obligated to follow university policy set forth in the following excerpt from the GSU catalog:

The Professional Education Faculty believes that all students who are in field experiences must be personally and psychologically equipped as well as academically prepared. Students may be denied entry to field experiences based on departmental prerequisites or the professional judgment of faculty based on observed performance and behavior. This policy is based on the premise that educators should be part of the evaluation of the students' ability to function adequately and safely in classrooms and those educators have a right and responsibility to make such judgments prior to placing students in schools. The practicum or student teaching supervisor has the authority to withdraw students from their classroom experience if

their performance constitutes a detriment to the children in the class. If such removal is necessary, students will be given an F in each corresponding course.

Program Degree Requirements

B.S.E. in Health and Physical Education

Areas A-E: Core Curriculum Recommendations

Students must complete 42 semester hours in Areas A-E of the Undergraduate Core Curriculum. Courses in Area A must be completed with "C" or higher grades.

Semester hours are shown in parentheses following an entry.

Area F. Courses Appropriate for a Major (18 hours)

Students must complete coursework with a grade of "C" or higher in Area F prior to admission to teacher education.

Required for Teacher Certification and Sport Coaching concentrations (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 2122 Applied Health and Wellness (3)
- KH 2130 Introduction to Kinesiology and Health (3)
- KH 2211 Movement Sciences for Practitioners (3)

Area G. Major Courses (53-56 hours)

Content:
Required Courses for Teacher Certification and Sport Coaching concentrations (32):

- KH 3010 Skill Themes and Movement Concepts (3)
- KH 3020 Fitness and Physical Activity (3)
- KH 3030 Invasion Games (3)
- KH 3040 Net/Wall Games (3)
- KH 3070 Target and Field Games(3)
- KH 3080 Dance and Gymnastics (3)
- KH 3200 Instructional Skills for Physical Education and Physical Activity Professionals (3)*
- KH 3375 Injury Prevention and First Aid (2)
- KH 3610 Motor Learning and Development (3)
- KH 3710 Health Risk Behaviors- CTW (3)
- KH 4280 Psychology of Physical Activity (3)

Completion of KH 3010 is required before taking KH 3200 , KH 3410 and KH 3420.

KH 3710 will fulfill the Critical Thinking Through Writing (CTW) requirement.

*For Teacher Certification, completion of KH 3200 with a "C+" or higher.

Methods and Curriculum for Teacher Certification concentration (24 hours):
Required (24):

- EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3) (or equivalent)
- KH 3410 Assessment in Health and Physical Education (3)
- KH 3420 Curriculum in Health and Physical Education (3)
- KH 3700 Sexuality Education for P-12 (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 3410, KH 3420, KH 3700, 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.

Methods and Curriculum for Sport Coaching concentration (21 hours):
Required (12):

- KH 3630 Principles and Philosophy of Coaching (3)
- KH 3635 Special Considerations for Coaching Athletes with Disabilities (3)
- KH 4200 Analysis of Sport Coaching (3)
- KH 4350 Fitness Program Management (3)

Electives (9):
Select nine (9) hours:

- GERO 4200 Health and the Older Adult (3) (same as [SNHP 4200])
- GERO 4610 Psychology of Aging (3) (same as PSYC 4610)
- KH 2220 Anatomy in Kinesiology and Health (3)
- KH 2221 Anatomy in Kinesiology and Health Laboratory (1)
- KH 3060 Performance and Analysis in Disability Sport (3)
- KH 3360 Disability Sport and Physical Activity (3)
- KH 3520 Strength Training and Conditioning (4)
- KH 3680 International Experience in Sport and Exercise Science (3)
- KH 4210 Long Term Athlete Development (3)
- PSYC 3450 Health Psychology (3)
- NUTR 2100 Principles of Nutrition (3)
- NUTR 3100 Nutrition and Health (3)
- NUTR 3105 Normal Nutrition through the Life Cycle (3)
- NUTR 4960 Nutrition and Physical Fitness (3)
- SOCI 4230 Sociology of Health and Illness (3)
- Other courses may be selected with consent of advisor

Area H. Internship and Student Teaching (8 hours)

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 or internships. Those certifications must remain current through the end of the student teaching/internship 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. Please note: The skills test for first aid and CPR cannot be taken online.

Students should not enroll in other courses while completing Area H requirements.

Students must complete internship or student teaching coursework in Area H with a grade of "B" or higher for program completion. A grade of B or higher is required for students in the teacher certification concentration for recommendation for certification.

Required for Teacher Certification concentration (8):

- KH 4650 Opening School Experience (0)
- KH 4710 Student Teaching in Health and Physical Education, P-5 (4)
- KH 4720 Student Teaching in Health and Physical Education, 6-12 (4)

Students must post passing scores on the GACE Content Assessment, Georgia Educator Ethics – Program Exit (360) Assessment, and edTPA in order to be recommended by Georgia State University for clear, renewable certification.

Required for Sport Coaching Concentration (8):

- KH 4730 Physical Activity Internship I (4)
- KH 4740 Physical Activity Internship (4)

Total Program Teacher Certification concentration: minimum of 124 semester hours

Total Program Sport Coaching concentration: minimum of 121 semester hours

4140 Human Learning and Development

Program Offered:

- **Bachelor of Interdisciplinary Studies in Human Learning and Development**

The Human Learning and Development concentration is an interdisciplinary program in the College of Education and Human Development. Courses are taught by faculty from the Departments of Counseling and Psychological Services; Early Childhood and Elementary Education; Educational Policy Studies; Learning Sciences; and Middle and Secondary Education.

This concentration provides students an opportunity to acquire a career-oriented range of skills and

knowledge of this important field by choosing from the coursework in behavior and learning disabilities; child growth and development; counseling; deaf studies; educational psychology; family and community literacy; learning technologies; and research methods and problem solving.

Students should contact an advisor in the University Advisement Center or the College of Education and Human Development Office of Academic Assistance to declare the major. Students should declare their major by the time they have earned 42 credit hours to avoid a delay in graduation. A 2.0 Georgia State University GPA is required in order to pursue the program.

Program Degree Requirements

Areas A-E: Core Curriculum (42-43 hours)
(see section 1410 University Core Curriculum Requirements in the undergraduate catalog)

Area F. Preparation for the Major (18 hours)

Required (9 hours):

- EPY 2040 The Science of Learning (3)
- EPY 2050 Human Growth and Development (3)
- LT 2010 Computer Skills for the Information Age (3)

Choose Three Courses (9 hours):

- ASL 2001 Elementary Sign Language III (3)
- ASL 2002 Elementary Sign Language IV (3)
- EDRD 2200 Reading for Undergraduate Success (3)
- EDUC 2110 Investigating Critical and Contemporary Issues in Education (3)
- EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (3)
- EDUC 2130 Exploring Learning and Teaching (3)
- EDUC 2152 Birth and Parenthood (3)
- EDUC 2300 Introduction to Child Development (3)
- LT 2012 Design and Development of Digital Multimedia (3)
- LT 2100 Information Technology Research and Application (3)
- KH 2360 Childhood Health and Wellness (3)
- PSYC 1101 Introduction to General Psychology (3)
- SOCI 1101 Introduction to Sociology (3)
- Foreign Language Course at 1002, 2001, or 2002 levels (3)

Area G. Area of Concentration: Human Learning and Development (36-42 hours)

Students must complete all courses in Area G with a grade of "C-" or higher unless otherwise noted for specific courses.

Required (9 hours):

- CPS 3400 Career and Lifespan Development (3)

- EDUC 3100 Introduction to Careers in Human Learning and Development-CTW (3)
- EPRS 4900 Methods of Research in Human Learning and Development-CTW (3)

Choose two of the disciplines below (30 hours)

Behavioral and Learning Disabilities (15 hours)
Required (9 hours):

- EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)
- EXC 4140 Issues of Diversity in Special Education in Urban Environments (3)
- EXC 4760 Special Topics in Special Education (3)

Choose Two Courses (6 hours):

- CSD 4320 Introduction to Language Disorders (3)
- EPY 3010 Learning, Memory, and Cognition in the Real World (3)
- EXC 4030 Introduction to Applied Behavior Analysis (3)
- EXC 4350 Orientation to Deafness (3)
- PSYC 4040 Developmental Psychology (3)

Child Growth and Development (15 hours)
Required (3 hours):

- ECE 3010 Introduction to Early Childhood Education (3)

Choose Four Courses (12 hours):

- BRFV 4370 Language, Literacy, Cognition-CTW (3)*
- BRFV 4400 Family and Community Relationships (3)*
- ECE 3021 Child Development (3)**
- ECE 3500 Social-Emotional Development from Infancy to Middle Childhood (3)
- ECE 3550 Children's Literature in the 21st Century (3)
- ECE 3560 Media and Children's Learning (3)

*Students should complete EDUC 2300 or ECE 3021 before registering for BRFV 4370 and BRFV 4400.

**Because EDUC 2300 and ECE 3021 are similar in content, students cannot complete both courses. If students complete EDUC 2300 for Area F requirements, they should not register for ECE 3021 for the Child Growth and Development discipline.

Counseling (15 hours)
Required (9 hours)

- CPS 3200 Diversity and Human Relations (3)
- CPS 3300 Interpersonal Communication Skills (3)
- PSYC 3140 Psychopathology and Abnormal Psychology (3)

Select Two Courses (6 hours)

- CPS 3500 Stress and Stress Management (3)
- PSYC 3520 Introduction to African-American Psychology (3)
- PSYC 4020 Social Psychology (3)
- PSYC 4030 Cross-Cultural Psychology (3)
- PSYC 4040 Developmental Psychology (3)
- PSYC 4160 Theories of Personality (3)

Deaf Studies (15 hours)
Required (12):

- EXC 4350 Orientation to Deafness (3)
- EXC 4365 Audiological Considerations (3)
- EXC 4370 American Sign Language and Deaf Culture I (3)
- EXC 4380 American Sign Language and Deaf Culture II (3)

Choose One Course (3)

- AL 4151 Communication across Cultures-CTW (3)
- CSD 4480 Introduction to Hearing and Science Disorders (3)
- SW 3700 Communication Skills for Social Workers (3)

Educational Psychology (15 hours)
Required (15 hours);

- EPY 3010 Learning, Memory, and Cognition in the Real World (3)
- EPY 4190 Introduction to Behavior Analysis (3)
- EPY 4360 Developing and Learning During Adolescence (3)
- EPY 4450 Culture and Cognition (3)
- EPY 4960 Seminar in Educational Psychology (3)

Family and Community Literacy (15 hours)
Choose Five Courses (15):

- EDCI 4400 Poverty and Education (3)
- EDRD 3400 Reading the World of 21st Century Texts (3)
- EDRD 3500 Assessment and Instruction of Middle Childhood Students with Reading Difficulty (3)
- EDRD 3600 Family Literacy and Community Learning (3)
- EPY 4970 Seminar in Adult Literacy (3)
- TSLE 4250 Language and Discourse in Global and Professional Contexts (3)
- TSLE 4260 Global and Local Intercultural Relations and Development (3)
- TSLE 4440 Working with Multilingual Populations (3)

Learning Technology (15 hours)
Choose Five Courses (15):

- LT 3000 Technology, Society, and Education (3)
- LT 3100 Educational Technology in Africa and the Diaspora (3)
- LT 3210 Teaching, Learning, and Technology Integration (3)
- LT 3500 Training and Performance Technology (3)
- LT 3737 Inventing to Learn: Teaching and Learning with Maker Technologies (3)
- LT 4500 Gaming and Simulation for Exploratory Learning (3)

Research Methods and Problem Solving (15 hours)
Required (3 hours):

- EPRS 4905 Methods of Research in Education (3)

Choose Four Courses (12 hours):

- EDUC 4660 Field Based Research in Urban Education (3)
- EPRS 4500 Qualitative Research I (3)
- EPRS 4530 Quantitative Methods and Analysis in Education (3)
- EPRS 4910 Action Research (3)
- EPRS 4920 Educational Measurement (3)
- EPSF 4100 Critical Pedagogy (3)
- Other courses may be substituted with approval of the HLD program Coordinator and a faculty member in the Department of Educational Policy Studies.

Internship (3-9 hours)
Students should complete 3-9 hours of internship related to one or more of the disciplines chosen above.

Choose from the following repeatable courses.

- EDUC 4670 Internship in Human Learning and Development (3)
- EDUC 4982 Undergraduate Research in Urban Education (1-3)

Area H. Electives (11-18 hours)
Students may choose two courses from one of the disciplines listed above which were not previously selected or take courses numbered 1000 level or above to fulfill the elective requirement.

Reminder: Students must earn 39 semester hours at Georgia State University in courses numbered 3000 or above with an average grade of at least a C (2.00 GPA).

4150 Middle Level Education

Program Offered:

- **Bachelor of Science in Education in Middle Level Education**

Additional Teacher Education information is found in section 1600 of the catalog.

Department of Middle and Secondary Education
600 College of Education and Human Development Building
404-413-8060
Gertrude Tinker Sachs, Chair
mse.education.gsu.edu/

The B.S.E. major in Middle Level Education prepares outstanding middle level educators who can meet the needs of young adolescents in today's diverse, highly technological, and changing society. Graduates have a well-developed content knowledge in two fields (language arts, mathematics, science, and/or social studies) and have the option to pick up a third general curriculum concentration in Special Education. Successful completion of this program, the appropriate GACE Content Assessment tests, Georgia Educator Ethics – Program Exit (360) Assessment, and edtPA leads to a recommendation for licensure for grades four through eight in the areas of concentration. Students may also choose to add a concentration in Special Education which leads to certification in P-12 Special Education General Curriculum or a concentration in ESOL which leads to an ESOL Endorsement for teaching English Language learners in grades 4-8.

Program Admission

Students are required to apply for teacher education after completing Areas A-F. To be accepted into teacher education:

- students must have a 2.50 composite grade point average on all undergraduate coursework previously completed;
- students must present passing scores on the GACE Program Admission Assessment or demonstrate an exemption upon application to an initial educator preparation program;
- students must complete the Georgia Educator Ethics – Program Entry (350) Assessment;
- students must have successfully completed Areas A through F of the program of study; and
- students may be asked to participate in an interview and/or writing sample as a part of the application process.

Program Financial Information

B.S.E majors must pay all tuition and fees charged by the University and the College. A lab fee of $125 will be charged at the time students register for the student teaching experience. Educator preparation students must be aware that extra cost such as tort liability and transportation will be incurred at various times during the completion of various teacher education field experiences, particularly during the students' senior year. The cost of the edTPA portfolio submission is $300.00, which will also be associated with student teaching.

Program Academic Regulations

Pre-Service Certificate: Upon admission to a teacher education program, students will be contacted by the College's Office of Academic Assistance office with instructions to claim enrollment in their program and submit a GaPSC Pre-Service Certificate Application. The pre-service certificate is required for placement in required field experiences or clinical practice.

Certification: Students must post passing scores on the GACE Content Assessments, Georgia Educator Ethics – Program Exit (360) Assessment, and edTPA in order to be recommended by Georgia State University for clear, renewable certification.

Program Degree Requirements

B.S.E. Middle Level Education

Students must complete 42 semester hours in Areas A-E of the Undergraduate Core Curriculum with the recommendations listed in this section. Courses in Area A must be completed with "C" or higher grades.

Semester hours are shown in parentheses following an entry.

Area A. Essential Skills

Students who choose mathematics or science as one of their areas of concentration should select pre-calculus or a more advanced mathematics course) to fulfill the mathematics requirement.

Area C. Humanities and Fine Arts

Students who choose language arts as one of their areas of concentration should select ENGL 2110 World Literature 3), ENGL 2120 British Literature (3), or ENGL 2130 American Literature (3) to fulfill three semester hours of the Humanities and Fine Arts requirements.

Area D. Science, Mathematics, and Technology

Students who choose mathematics as one of their areas of concentration should select calculus of one variable (or a more advanced mathematics course) to fulfill three semester hours of the Science, Mathematics, and Technology requirements. Students who choose science as one of their concentration areas are encouraged to choose CHEM 1101K and CHEM 1102k or BIOL 1103K and BIOL 1104K. Students who choose Social Studies as an area of concentration are encouraged to choose GEOG 1112 and GEOG 1113.

Area E. Social Science

Students who choose social studies as one of their areas of concentration should select either AAS 1140 Introduction to African and African-American History and Culture (3), AAS 2010 Introduction to African-American Studies (3), ANTH 1102 Introduction to Anthropology (3), ECON 2105 Principles of Macroeconomics (3), ECON 2106 Principles of Microeconomics (3), GEOG 1101 Introduction to Human Geography (3), or HIST 1140 Introduction to African and African-American History (3) to complete the Social Science Foundations requirement.

Area F. Preparation for a Major (18 semester hours)

Students must earn a grade of "C" or higher in each course used to fulfill Area F requirements.

Required (9):

- EDUC 2110 Investigating Critical and Contemporary Issues in Education (3)
- EDUC 2120 Exploring Socio Cultural Perspectives on Diversity (3)
- EDUC 2130 Exploring Teaching and Learning (3)

Select three (9):
With advisor approval, students select two additional 1000- or 2000-level courses for a minimum of six semester hours in one concentration area and one course for three semester hours in a second concentration area.

- **Language Arts:** ENGL 2110 World Literature, ENGL 2120 British Literature, or ENGL 2130 American Literature
- **Mathematics:** MATH 2008 Foundations of Numbers and Operations (*prerequisite for **3** required Area G.1 math courses*) (3), MATH 2211 Calculus of One Variable I (*prerequisite for **1** Area G.1 math course*) (4), MATH 2212 Calculus of One Variable II (4) or MATH 2420 Discrete Mathematics (3)
- **Sciences:** CHEM 1101K and/or CHEM 1102, or BIOL 1103K and/or BIOL 1104K are recommended if not taken in Area D.
- **Social Studies:** GEOG 1101 Introduction to Human Geography, GEOG 1112 Introduction to Weather and Climate or GEOG 1113 Introduction to Landforms recommended if not taken in Area D

Area G. Major/Teaching Field (48-57 semester hours)

Students who have completed the above criteria and are ready to apply for the program **must** choose two content concentrations within Area G.1 from the following list: Language Arts, Mathematics, Science, and Social Studies. In addition to fulfilling requirements for content concentrations, students may also choose to add a concentration in Special Education which leads to certification in P-12 Special Education General Curriculum or in ESOL which leads to an ESOL Endorsement for teaching English Language learners in grades 4-8.

G.1 Content Concentrations for Middle Level Education (24 hours)

In consultation with their advisors, students select TWO areas of concentration from among language arts, mathematics, science, and social studies. Each area of content concentration consists of 12 semester hours of coursework, at least 6 of which must be numbered 3000 or higher. Students are expected to have completed all prerequisites prior to enrolling in any of the following courses requiring prerequisites. Students must earn a grade of "C" or higher in each course used to fulfill Area G.1 requirements.

Language Arts Concentration (12)
Required (3):

- EDLA 3200 Topics in Middle Childhood Language Arts (3)

Literature/Folklore
Select one course (3):

- ENGL 3040 Introduction to Literary Studies (3)
- ENGL 3290 English Fiction before 1800 (3)

- ENGL 3850 American Poetry (3)
- ENGL 3860 American Drama (3)
- ENGL 3870 American Fiction (3)
- ENGL 3910 The Tradition of Children's and Young Adults' Literature (3)
- ENGL 3920 Southern Literature (3)
- ENGL 3950 African-American Literature (3)
- ENGL 3960 African-American Literature by Women (3)
- ENGL 3970 Caribbean Literature (3)
- ENGL 4130 Shakespeare, Earlier Works (3)
- ENGL 4140 Shakespeare, Later Works (3)
- FOLK 3000 American Folklore (3)
- FOLK 4000 Georgia Folklore (3)
- EDLA 3230 Special Topics in the Middle Level Literature Curriculum (3)
- Another course may be selected with consent of advisor.

Composition
Select one course (3):

- ENGL 3080 Persuasion: History, Theory, Practice (3)
- ENGL 3090 Exposition: History, Theory, Practice (3)
- ENGL 3100 Composition Studies, History, Theory, Practice (3)
- ENGL 3150A Introduction to Creative Writing – Poetry (3)
- ENGL 3150B Introduction to Creative Writing – Fiction (3)
- EDLA 3240 Special Topics in the Middle Level Composition Curriculum (3)
- Another course may be selected with consent of advisor.

Language
Select one course (3):

- AL 3021 Introduction to Linguistics (3)
- ENGL 3105 Practical Grammar (3)
- ENGL 3220 History of the English Language (3)
- ENGL 3955 Language in the African-American Community (3)
- SCOM 2900 Intercultural Communication (3)
- SCOM 4500 Visual Communication (3)
- Another course may be selected with consent of advisor.

<u>Mathematics Concentration (12)</u>
Required (9):

- EDMT 3350 Topics in Middle Childhood Mathematics (3)
- MATH 3050 Geometry and Spatial Sense (3)
- MATH 3090 Algebraic Concepts

Choose One Course (3):

- EDMT 3420 Topics in Middle Level Mathematics Curriculum (3)
- MATH 3070 Introduction to Probability and Statistics (3)

Science Concentration (12)
Required (12):

- EDSC 3250 Topics in Middle Grades Science (3)
- NSCI 3001 Integrated Science I: Physics and Astronomy (3)
- NSCI 3002 Integrated Science II: Chemistry and Geology (3)
- NSCI 3003 Integrated Science III: Geology and Biology (3)

Social Studies Concentration (13-15)
Required (7):

- EDSS 3400 Topics in Middle Grades Social Science/History (3)
- HIST 4310 Georgia (4)

Select two courses (6-8):
North American or World Studies

- HIST 3200 North America before 1800 (4)
- HIST 3210 United States in the Nineteenth Century (4)
- HIST 3220 United States in the Twentieth Century (4)
- HIST 3520 Early Modern Europe, 1500-1789 (4)
- HIST 3530 Europe since 1789 (4)
- HIST 3660 20th Century World (3)
- HIST 3700 China and Japan to 1600 (4)
- HIST 3710 China and Japan since 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 History of India from the Indus Civilization to the Present (3)
- HIST 4750 East Africa and the Horn of Aftrica (4)
- HIST 4760 Central and South Africa (4)
- Another course may be selected with consent of advisor.

Political Science

- HIST 4470 The Founders' Constitution (4)
- 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-CTW (3)
- POLS 4130 American Constitutional Law (3)
- POLS 4131 Civil Liberties and Rights (3)

- POLS 4180 American Chief Executives (3)
- Another course may be selected with consent of advisor

G.2 Core Knowledge for Middle Level Education (12-15)

Students must earn a grade of "B" or higher in each course used to fulfill Area G.2 requirements.

Required (12):

- EDCI 3200 Organization and Instruction of the Middle Grades Curriculum (3)
- EDCI 3220 Understanding and Supporting Middle School Learners (3)
- EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)
- LT 3210 Teaching, Learning, and Technology Integration (3)

Students adding the Special Education Concentration are also required to complete (3):

- EXC 4570 Individual and Classroom Management (3)

Students adding the ESOL Concentration are also required to complete (3):

- TSLE 4250 Language and Discourse in Global and Professional Contexts (3)

G.3 Pedagogical Knowledge (12-18)

Students must earn a grade of "B" or higher in each course used to fulfill Area G.3 requirements.

Students must complete all Area G.1 and Area G.2 courses prior to enrolling in Area G.3. Area G.3 courses must be taken concurrently.

Required (6):

- EDCI 4600 Practicum (3)
- EDCI 4650 Opening School Experience (0)
- EDRD 4600 Reading and Writing in the Content Areas-CTW (3)

Select two courses to correspond to your areas of content concentrations (6):

- EDLA 4400 Concepts and Methods in Language Arts for Middle Childhood Education (3)
- EDMT 4460 Concepts and Methods in Middle Childhood Mathematics (3)
- EDSC 4470 Concepts and Methods in Middle Childhood Science (3)
- EDSS 4480 Concepts and Methods in Middle Childhood Social Studies (3)

Students adding the Special Education Concentration are also required to complete (6):

- EXC 4560 Educational Evaluation of Students with Disabilities (3)
- EXC 4580 Instructional Methods for Students with Behavior Learning Disabilities (3)

Students adding the ESOL Concentration are also required to complete (6):

- TSLE 4260 Global and Local Intercultural Relations and Development (3)
- TSLE 4440 Working with Multilingual Populations (3)

Area H: Student Teaching (12 semester hours)

Students must successfully complete all courses in Area G.3 to be authorized to enroll in Area H courses.

Students should not enroll in other courses while completing Area H requirements.

Students must earn a grade of "B" or higher in each course used to fulfill Area H requirements.

Required for students **NOT** adding the Special Education or ESOL Concentrations (12):

- EDCI 4640 Critical Issues in Middle Grades Education-CTW (3)
- EDCI 4700 Student Teaching in Middle Grades (9)

Required for students adding the Special Education Concentration (12):

- EDCI 4640 Critical Issues in Middle Grades Education-CTW (3)
- EDCI 4700 Student Teaching in Middle Grades (6)
- EXC 4671 Student Teaching in Special Education (3)

Required for students adding the ESOL Concentration (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.

Students must post passing scores on the GACE Content Assessments, Georgia Educator Ethics – Program Exit (360) Assessment, and edTPA in order to be recommended by Georgia State University for clear, renewable certification.

Total Program: minimum of 120 semester hours

Total Program for the ESOL Concentration: minimum of 129 hours

Total Program for the Special Education Concentration: minimum of 129 hours

4160 Sign Language Interpreting

Program Offered:

- **Bachelor of Arts in Sign Language Interpreting**

Department of Learning Sciences
7th Floor, College of Education Building and Human Development, 404-413-8040
Brendan Calandra, Chair

Sign Language Interpreting is an interdisciplinary field that combines highly developed competency in both American Sign Language and English, with knowledge of linguistics, interpretation, translation, and principles of professional practice.

The Sign Language Interpreting major prepares students with the theoretical and practical knowledge needed to enter field of American Sign Language/English interpretation. Students develop confidence in their working languages, proficiency in linguistic and cultural analysis, and the interpersonal skills needed to develop a relevant and sound professional practice.

Program Admission

Admission to the major in sign language interpreting will be based on the following:

- Completion of Areas A-E;
- Completion of American Sign Language Interpreting Baccalaureate Degree Program application;
- Completion of a program orientation;
- Completion of ENGL 1101 and ENGL 1102 each with a grade of "C" or better;
- Completion of ASL 1001, ASL 1002, ASL 2001, and ASL 2002 each with a grade of "C" or better;
- Demonstrated proficiency in sign recall and visual-motor integration;
- Successful completion of an entrance interview demonstrating at least intermediate conversational proficiency in American Sign Language.

Program Degree Requirements

B.A. in Sign Language Interpreting

Areas A-E: Core Curriculum (42-43)
(see section 1410 Core Curriculum Requirements in the undergraduate catalog)

Area F. Preparation for the Major (18)

Required (12):

- ASL 1001 Elementary American Sign Language I (3)
- ASL 1002 Elementary American Sign Language II (3)
- ASL 2001 Intermediate American Sign Language I (3)
- ASL 2002 Intermediate American Sign Language II (3)

Note: Students who have applied ASL 1002 to Area C in the core, may choose an 3 additional hours from the list below to count toward Area F.

Choose two courses (6):

- AL 2021 Introduction to English Linguistics (3)
- AL 2101 Introduction to Language (3)
- AL 2102 Languages of the World (3)
- AL 2231 Understanding Miscommunication (3)
- ANTH 2040 Introduction to Linguistic Anthropology (3)
- PHIL 2030 Introduction to Ethics (3)
- SCOM 1500 Public Speaking (3)
- SCOM 2400 Interpersonal Communication (3)
- SCOM 2710 Argumentation (3)
- SCOM 2900 Intercultural Communication (3)
- THEA 1610 Improving Voice and Articulation (3)
- THEA 2210 Beginning Acting (3)
- Other courses may be selected with the approval of the program coordinator.

Area G. Major Area (48)

Students must complete all courses in Areas G with a grade of "C" or higher unless otherwise noted.

Required (48):

- SLIP 3010 Introduction to Interpreting-CTW (3)
- SLIP 3100 ASL Narrative and Discourse (6)
- SLIP 3100L Interpreting Lab I (1)
- SLIP 3115 Deaf History and Culture (3)
- SLIP 3200 Service Learning I (3)
- SLIP 3210 Service Learning II (3)
- SLIP 3220 Service Learning III (3)
- SLIP 4000 Educational Interpreting (3)
- SLIP 4010 English to ASL I (3)
- SLIP 4020 ASL to English I (3)
- SLIP 4020L Interpreting Lab II (1)
- SLIP 4025 Survey of Specialized Settings (3)
- SLIP 4025L Interpreting Lab III (1)
- SLIP 4050 ASL to English II (3)
- SLIP 4060 English to ASL II (3)
- SLIP 4080 Practicum (6)

Area H: Electives (12)

Students must complete all courses in Areas H with a grade of "C-" or higher unless otherwise noted.

Choose four courses (12):

- AL 3021 Introduction to Linguistics (3)
- AL 3031 Language in Society (3)

- AL 3041 Introduction to Second Language Acquisition (3)
- AL 4111 Semantics and Pragmatics in Linguistic Theory (3)
- AL 4151 Communication across Cultures-CTW (3)
- ANTH 4114 Language and Social Justice (3)
- BCOM 3950 Business Communication and Professional Development (3)
- CPS 3200 Diversity and Human Relations (3)
- CPS 3300 Interpersonal Communication Skills (3)
- ENI 3101 Entrepreneurial Thinking (3)
- EXC 4350 Orientation to Deafness (3)
- Other courses may be selected with the approval of the program coordinator.

Total Program: minimum of 120 semester hours

4170 Special Education

Program Offered:

Bachelor of Science in Education in Special Education

- **Concentration in Adapted Curriculum**
- **Concentration in Deaf Education**
- **Concentration in General Curriculum**

Additional Teacher Education information is found in section 1600 of the catalog.

Department of Learning Sciences
7th Floor, College of Education Building and Human Development, 404-413-8040
Brendan Calandra, Chair

The B.S.E. in Special Education prepares students to teach children and youth with mild to moderate behavior and learning disabilities (e.g., dyslexia and other specific learning disabilities, attention disorders, emotional behavior disorders); mild, moderate, severe, and profound intellectual disabilities; and autism spectrum disorders; and hearing impairments (e.g., deaf or hard of hearing). Students entering the B.S.E. will choose a concentration in adapted curriculum, general curriculum, or deaf education and learn to work with children and youth across the lifespan (e.g., children in preschool through 12th grade; adolescents; and adults) in a variety of settings (e.g., separate specialized schools, typical school settings, restrictive school settings such as alternative, residential, and juvenile justices, cognitive and behavioral specialty agencies, and resource and inclusion settings), and across languages (i.e., American Sign Language and English) and modes (i.e., spoken or signed) as well as in collaborative/co-teaching models. Graduates across concentrations will be prepared to work with children and youth with special needs successfully via a curriculum that focuses on evidence-based practices that prepares them to differentiate instruction for this unique population in a variety of education and therapeutic settings. Graduates are provided coursework and practicum experiences resulting in knowledge of characteristics, curriculum, instructional strategies, and classroom management procedures.

Program Admission

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 all courses in areas A-F with the exception of AL courses which may be completed during the first semester in teacher education;
- students must have completed at least six (6) hours in their chosen area of content concentration;
- students must present passing scores on the GACE Program Admission Assessment or demonstrate an exemption upon application to an initial
  educator preparation program;
- students must complete the Georgia Educator Ethics – Program Entry (350) Assessment;
- students must show proof of tort liability insurance.

Program Academic Regulations

Program of Study: Students must complete 42 semester hours in Areas A-E of the Undergraduate Core Curriculum

Pre-Service Certificate: Upon admission to a teacher education program, students will be contacted by the College's Office of Academic Assistance office with instructions to claim enrollment in their program and submit a GaPSC Pre-Service Certificate Application. The pre-service certificate is required for placement in required field experiences or clinical practice.

Certification: Students must post passing scores on the GACE Content Assessment, Georgia Educator Ethics – Program Exit (360) Assessment, and edTPA in order to be recommended by Georgia State University for clear, renewable certification.

Program Financial Information

B.S.E majors must pay all tuition and fees charged by the University and the College. A lab fee of $125 will be charged at the time students register for the student teaching experience. Educator preparation students must be aware that extra cost such as tort liability and transportation will be incurred at various times during the completion of various teacher education field experiences, particularly during the students' senior year. The cost of the edTPA portfolio submission is $300.00, which will be associated with student teaching.

Program Degree Requirements

B.S.E. Special Education

Areas A-E. Core Curriculum Recommendations

Students must complete 42 semester hours in Area A-E of the Undergraduate Core Curriculum

MATH 1101 or MATH 1111 is recommended in Area A2.

ASL 1002 is recommended in Area C for Deaf Education concentration students.

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 with the exception of AL courses which can be completed during the first the semester of teacher education.

- EDUC 2110 Investigating Critical and Contemporary Issues in Education (3)
- EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (3)
- EDUC 2130 Exploring Teaching and Learning (3)
- EPY 2050 Human Learning and Development (3)
- AL 2021 Introduction to English Linguistics (3) or AL 2101 Introduction to Language (3)

Choose One Course (3):

- AL 2231 Understanding Miscommunication (3)
- ASL 2001 Intermediate American Sign Language I (3)
- PSYC 2050 Introduction to Drugs and Behavior (3)

The faculty strongly encourage students in the Deaf Education concentration to take ASL 2001 and students in the Adapted Curriculum and General Curriculum concentrations to take AL 2231 or PSYC 2050.

Area G. Major Courses (51-52)

Students must complete all courses in Areas G with a grade of "C" or higher unless otherwise noted.

Content Concentration (12)

Students are required to complete 12 hours in a content concentration: language arts, mathematics, reading, science, or social studies.

Students must complete six (6) hours in their chosen content concentration prior to admission into teacher education.

Listed below are course suggestions for each content area.

Language Arts Content Concentration (12)

- AL 3021 Introduction to Linguistics (3)
- AL 3101 English Grammar in Use (3)
- AL 4011 Phonetics and Phonology (3)
- AL 4012 Morphology and Syntax (3)
- AL 4111 Semantics and Pragmatics in Linguistic Theory (3)
- ENGL 3105 Practical Grammar (3)
- ENGL 3220 History of the English Language (3)

- ENGL 3955 Language in the African-American Community (3)
- SCOM 2900 Intercultural Communication (3)
- SCOM 4500 Visual Communication (3)
- Another course may be selected with consent of program coordinator.

Mathematics Content Concentration (12)
Required (9):

- EDMT 4460 Concepts and Methods in Middle Level Mathematics (3)
- MATH 3050 Geometry and Spatial Sense (3)
- MATH 3090 Algebraic Concepts (3)

Choose One Course (3)

- EDMT 3350 Topics in Middle Childhood Mathematics (3)
- EDMT 3420 Topics in Middle Level Math Curriculum (3)
- MATH 3070 Introduction to Probability and Statistics (3)
- Another course may be selected with consent of program coordinator.

Reading Content Concentration (12)

- AL 3021 Introduction to Linguistics (3)
- EDLA 3200 Topics in Middle Grades Language Arts (3)
- EDRD 3500 Assessment and Instruction of Middle Childhood Students with Reading Difficulty (3)
- Consult program coordinator for 3 hours in courses with AL, EDRD, ENGL, and FOLK prefixes

Science Content Concentration (12)

- BIOL 2240 Introduction to Human Physiology (3)
- BIOL 2250 Human Physiology Lababoratory (1)
- BIOL 2300 Microbiology and Public Health (3)
- BIOL 2310 Microbiology and Public Health Laboratory (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 (3)
- NSCI 3001 Integrated Science I: Physics and Astronomy (3)
- NSCI 3002 Integrated Science II: Chemistry and Geology (3)
- NSCI 3003 Integrated Science III: Geology and Biology (3)
- Another course may be selected with consent of program coordinator.

Social Studies Content Concentration (12)

- 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 Mediterranean/Islamic World (4)
- HIST 3520 Early Modern Europe, 1500-1789 (4)
- HIST 3530 Europe since 1789 (4)
- HIST 3620 The Atlantic World: Encounters, Empires, Diasporas, Revolutions (4)
- HIST 3700 China and Japan to 1600 (4)
- HIST 3710 China and Japan since 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 History of India from the Indus Civilization to the Present (3)
- HIST 4310 Georgia (4)
- HIST 4320 Metropolitan Atlanta (3)
- HIST 4750 East Africa and the Horn of Africa (4)
- HIST 4760 Central and Southern Africa (4)
- 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-CTW (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 program coordinator.

Special Education Concentrations – Select one of the following concentration areas:

Adapted Curriculum Concentration (39)

- CSD 4320 Introduction to Language Disorders (3)
- EDRD 4600 Reading and Writing in the Content Areas (3)
- EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)
- EXC 4030 Introduction to Applied Behavior Analysis (3)
- EXC 4140 Issues of Diversity in Special Education in Urban Environments (3)
- EXC 4190 Alternative Approaches to Literacy Instruction for Students with Disabilities (3)
- EXC 4280 Methods for Teaching Students with Intellectual Disability and Students with Autism Spectrum Disorders (3)
- EXC 4281 Assessment and Curriculum Planning: Adapted Curriculum (3)
- EXC 4325 Methods for Teaching High Functioning Students with Autism Spectrum Disorders
- EXC 4560 Educational Evaluation of Students with Disabilities (3)
- EXC 4570 Individual and Classroom Management (3)
- EXC 4600 Infusing Co-Teaching Strategies across the Content areas (3)
- EXC 4760 Special Topics in Special Education (3)

Deaf Education Concentration (39)

- ASL 2002 Intermediate American Sign Language II (3)

- CSD 4320 Introduction to Language Disorders (3)
- EDRD 4600 Reading and Writing in the Content Areas (3)
- EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)
- EXC 4350 Orientation to Deafness (3)
- EXC 4365 Audiological Considerations (3)
- EXC 4390 Reading and Writing Instruction for Deaf/Hard of Hearing (3)
- EXC 4400 Methods of Teaching Students Who are Deaf/Hard of Hearing (3)
- EXC 4430 Auditory and Speech Development in Students Who are Deaf/Hard of Hearing (3)
- EXC 4460 Language Development in Students Who are Deaf/Hard of Hearing (3)
- EXC 4560 Educational Evaluation of Students with Disabilities (3)
- EXC 4600 Infusing Co-Teaching Strategies across the Content Areas (3)
- EXC 4820 American Sign Language Visual Resources Lab A (1)
- EXC 4830 American Sign Language Visual Resources Lab B (1)
- EXC 4840 American Sign Language Visual Resources Lab C (1)

General Curriculum Concentration (40)

- CSD 4320 Introduction to Language Disorders (3)
- EDRD 4600 Reading and Writing in the Content Areas (3)
- EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)
- EXC 4030 Introduction to Applied Behavior Analysis (3)
- EXC 4140 Issues of Diversity in Special Education in Urban Environments (3)
- EXC 4190 Alternative Approaches to Literacy Instruction for Students with Disabilities (3)
- EXC 4530 Methods for Teaching Prekindergarten and Kindergarten Children with Disabilities (4)
- EXC 4560 Educational Evaluation of Students with Disabilities (3)
- EXC 4570 Individual and Classroom Management (3)
- EXC 4580 Instructional Methods for Students with Behavior and Learning Disabilities (3)
- EXC 4590 Functional and Social Methods for Students with Behavior and Learning Disabilities (3)
- EXC 4600 Infusing Co-Teaching Strategies across the Content areas (3)
- EXC 4760 Special Topics in Special Education (3)

Area H. Student Teaching (11-12)

All program requirements must be satisfactorily completed before students are authorized to enroll in student teaching. Students should not enroll in other courses while completing Area H requirements. Students must complete student teaching coursework in Area H with a grade of "C" or higher.

Adapted Curriculum Concentration (12)

- EXC 4650 Opening School Experience (0)
- EXC 4925 Practicum I: Adapted Curriculum (3)
- EXC 4935 Student Teaching: Adapted Curriculum (9)

Deaf Education Concentration (12)

- EXC 4650 Opening School Experience (0)
- EXC 4920 Practicum I: Deaf/Hard of Hearing (3)

- EXC 4940 Student Teaching: Deaf/Hard of Hearing (9)

General Curriculum Concentration (11)

- EXC 4650 Opening School Experience (0)
- EXC 4661 Practicum I: Special Education (2)
- EXC 4671 Student Teaching in Special Education (9)

Total Program: minimum of 123 semester hours

4180 Sport Administration

Program Offered:

- **Bachelor of Interdisciplinary Studies in Sport Administration**

Department of Kinesiology and Health
Sports Arena
404-413-8050
kh.education.gsu.edu/

The Bachelor of Interdisciplinary Studies concentration in Sport Administration provides students with a broad-based knowledge of the business of sport in order to prepare them for managerial positions in the sport industry. Students have an opportunity to acquire knowledge and skills to apply to careers in the sport industry through selection of coursework in: sport administration, hospitality administration, journalism and public relations, and sport coaching, offered at Georgia State University through different departments and academic disciplines.

Program Admission

Students may apply to the BIS concentration after completion of areas A-E and Area F courses: KH 2400, ECON 2106, and ACCT 2101. Application materials include a resume, an essay, and an academic evaluation. Students will be required to have a "C" or better in one attempt (WF counts as an attempt) in KH 2400. Students will be required to have a "C" or better in two attempts (WF counts as an attempt) in ACCT 2101 and ECON 2106.

To apply for the BIS Sport Administration program, students must submit an application available at education.gsu.edu/admissions/undergraduate-admissions/.

Program Degree Requirements

Areas A-E: Core Curriculum (42 hours)
(see section 1410 University Core Curriculum Requirements in the undergraduate catalog)

Area F. Preparation for the Major (18 hours)

Required (18 hours):

- ACCT 2101 Principles of Accounting I (3)
- ECON 2106 Principles of Microeconomics (3)
- JOUR 1010 Basic News Writing (3)
- KH 2400 Introduction to Sport Management (3)
- LT 2010 Computer Skills for the Information Age (3) or CIS 2010 Introduction to Information Systems (3)
- SCOM 1500 Public Speaking (3)

Area G. Area of Concentration: Sport Administration (42 hours)

Students must complete all courses in Area G with a grade of "C" or higher unless otherwise noted.

Required (18):

- KH 3460 Sport and Society (3)
- KH 4320 Sport Marketing (3)
- KH 4330 Sport Leadership (3)
- KH 4340 Sport Finance (3)
- KH 4370 Sport Law (3)
- KH 4670 Field Experience in Sport Management-CTW (3)

Choose two of the disciplines below (24)

Hospitality Administration (12)

Required (6):

- HADM 3010 Perspectives in the Hospitality Industry (3)
- HADM 3600 Event Management (3)

Choose Two Courses (6):

- HADM 3750 Hospitality Human Resources Management (3)
- HADM 3760 Hospitality Service Marketing (3)
- HADM 4200 Venue and Facility Management (3)
- HADM 4800 Hospitality Strategic Leadership-CTW (3)

Journalism and Public Relations (12)
JOUR 1010 is a prerequisite for this discipline.

Required (6):

- JOUR 3010 Advanced Media Writing (3)
- JOUR 3900 Digital Journalism (3)

Choose Two Courses (6):

- JOUR 3500 Public Relations Techniques (3)
- JOUR 4001 Sports Journalism (2) and JOUR 4030 Journalism Practicum (1)
- JOUR 4610 Applied Graphic Communication (3)

Sport Coaching (12)

Required (6):

- KH 3630 Principles and Philosophy of Coaching (3)
- KH 3635 Special Considerations for Coaching Athletes with Disabilities (3)

Choose Two Courses (6):

- KH 3060 Performance and Analysis in Disability Sport (3)
- KH 3360 Disability, Sport, and Physical Activity (3)
- KH 4200 Analysis of Sport Coaching (3)
- KH 4210 Long Term Athlete Development (3)

CPR/First Aid/AED for child and adult and the USOC Safe Sport Certificate are required for discipline completion.

Area H: Allied Electives (12)

Students must complete all courses in Area H with a grade of "C" or higher unless otherwise noted.

Students can take courses numbered 1000 or above in Kinesiology and Health (KH), Hospitality Administration (HADM), Journalism and Public Relations (JOUR), Communication (SCOM), Managerial Sciences (MGS), Marketing (MK), International Business (IB), Policy Studies (PMAP), to fulfill allied elective requirement.

Area J: Electives (6)
Students can take courses numbered 1000 or above to fulfill elective requirement.

Reminder: Students must earn 39 semester hours at Georgia State University in courses numbered 3000 or above with an average grade of at least a C (2.00 GPA).

Total Program: minimum of 120 semester hours

4200 Minor in Educational Psychology

Department of Learning Sciences
7th Floor, College of Education Building and Human Development, 404-413-8040
Brendan Calandra, Chair

The minor is designed to provide undergraduate students with knowledge and expertise in Educational Psychology. Educational Psychologists are interested in applications of psychology to education, broadly defined. A minor in Educational Psychology will allow students to explore learning and teaching in classrooms as well as other educational outreach programs. Such explorations, along with students' knowledge of major content areas, will provide viable possibilities for future careers and a deeper appreciation for learning in a variety of contexts.

Coursework counting toward the minor cannot also count toward Area A-E of the undergraduate degree.

A grade of C or higher is required in all courses counting toward the minor.

The coursework in the minor will include three required courses focusing on Educational Psychology to ensure students explore and research critical areas of the field.

A. Required (9):

- EDUC 2130 Exploring Learning and Teaching (3)
- EPY 2050 Human Growth and Development (3)
- EPY 4960 Seminar in Educational psychology (3)

B. Students must select 9 hours (**at least 6 hours at or above the 3000 level**) from the following list:

- EDUC 2120 Exploring Sociocultural Perspectives of Diversity in Educational Context (3)
- EPY 2040 The Science of Learning: Theories, Application, and Practice (3)
- EPY 3010 Learning, Memory, and Cognition in the Real World (3)
- EPY 4190 Introduction to Behavioral Analysis (3)
- EPY 4360 Learning and Development During Adolescence (3)
- EPY 4960 Seminar in Educational Psychology (3)
- Another course may be selected with consent of advisor.

Total Program: minimum of 18 Hours

Students who have questions regarding the Minor in Educational Psychology may contact the College of Education and Human Development Office of Academic Assistance at 404-413-8000 or the Department of Learning Sciences at 404-413-8040.

4210 Minor in Special Education – High Incidence Disabilities

Department of Learning Sciences
7th Floor, College of Education and Human Development Building
404-413-8040
Brendan Calandra, Chair

The minor in Special Education – High Incidence Disabilities provides undergraduate students with knowledge and experiences in special education focused on students with behavior and learning disabilities (e.g., learning disabilities, emotional disturbance, ADHD, speech and language disorders, mild intellectual

disabilities). These disabilities are the most frequently represented areas of disabilities in schools today with students being served across a continuum of placements. Students will take courses from within the Department of Educational Psychology, Special Education, and Communication Disorders.

A grade of C or higher is required in all courses counting toward the minor.

Students interested in teacher certification in special education should review the certification requirements page and contact the College of Education and Human Development Office of Academic Assistance and Graduate Admissions, 404-413-8000, College of Education and Human Development building, 3rd floor, Suite 300.

Program of Study

Students will be required to take the following 3 courses:

- EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)
- EXC 4570 Individual and Classroom Management (3)
- EXC 4580 Instructional Methods for Students with Behavior and Learning Disabilities (3)

Students will be required to choose 3 of the following courses:

- CSD 4320 Introduction to Language Disorders (3)
- EDUC 3010 Introduction to Urban Education (3)
- EPY 2050 Human Growth and Development (3)
- EXC 4560 Educational Evaluation of Students with Disabilities (3)
- EXC 4590 Functional and Social Methods for Students with Behavior Learning Disabilities (3)
- EXC 4600 Infusing Co-Teaching Strategies across the Content Areas (3 hours)

Total Program Hours: 18 hours

4220 Minor in Urban Education

The minor in urban education is an interdisciplinary program in the College of Education and Human Development. Courses are taught by faculty from the Departments of Early Childhood and Elementary Education; Educational Policy Studies; Educational Psychology, Special Education, and Communication Disorders; Learning Technologies; and Middle and Secondary Education. The minor in urban education provides undergraduate students with knowledge and experiences in urban education.

The minor must consist of 15-18 hours of coursework as outlined below with at least 9 hours in 3000-4000-level courses.

Coursework counting toward the minor cannot also count toward Area A-E of the undergraduate degree.

A grade of C or higher is required in all courses counting toward the minor.

A. Required: (6)

- EDUC 3010 Introduction to Urban Education (3)
- EDUC 4660 Field Based Research in Urban Education (3)

B. Select one: (3)

- ECE 3010 Introduction to Early Childhood Education (3)
- EDCI 3220 Understanding and Supporting Middle School Learners (3)
- EDCI 3250 Introduction to Teaching in Secondary Schools (3)
- EDCI 4810 Directed Readings in Teaching and Learning (3)
- EDUC 4982 Undergraduate Research in Urban Education (3)
- EPY 3010 Learning, Memory, and Cognition in the Real World (3)

The course selected in section B cannot also be used fulfill section C.

C. Select two to three: (6-9)

- AAS 4200 Critical Pedagogy and African American Education (3)
- AAS 4670 Education of Blacks in the South (3)
- ECE 3010 Introduction to Early Childhood Education (3)
- ECE 3550 Children's Literature in the 21st Century (3)
- ECE 3560 Media and Children's Learning (3)
- ECE 4700 Issues in International Education (3)
- EDCI 3220 Understanding and Supporting Middle School Learners (3)
- EDCI 3250 Introduction to Teaching in Secondary Schools (3)
- EDCI 4100 Service Learning in Action (3)
- EDCI 4810 Directed Readings in Teaching and Learning (3)
- EDLA 3200 Topics in Middle Grades Language Arts (3)
- EDMT 3350 Topics in Middle Grades Mathematics (3)
- EDRD 3490 Reading Methods for Middle Childhood Education (3)
- EDRD 3500 Assessment/Instruction of Middle School Childhood Students with Reading Difficulties (3)
- EDRD 3600 Family Literacy and Community Learning (3)
- EDSC 3250 Topics in Middle Grades Science (4)
- EDSS 3400 Topics in Middle Grades Social Science/History (3)
- EDUC 2110 Investigating Critical and Contemporary Issues in Education (3)
- EDUC 2120 Exploring Sociocultural Perspectives on Diversity in Educational Contexts (3)
- EDUC 2130 Exploring Learning and Teaching (3)
- EDUC 3333 Field Experiences in International Education (3)
- EDUC 4982 Undergraduate Research in Urban Education (3)
- EPY 3010 Learning, Memory, and Cognition in the Real World (3)
- EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)
- LT 2210 Integrating Technology into the Elementary Classroom (3)
- LT 3210 Teaching, Learning, and Technology Integration (3)
- SOCI 4380 Educational Sociology (3)

Students who have questions regarding the Minor in Urban Education may contact the College of Education and Human Development Office of Academic Assistance at 404-413-8000.

4250 Dual Immersion Early Childhood Education Endorsement

Department of Early Childhood and Elementary Education
550 College of Education Building
404-413-8020
Lynn Hart, Chair
ece.education.gsu.edu/

This endorsement is intended for candidates who are enrolled in a foreign language certification program or who have an active teaching certificate or license in foreign language education. This endorsement will prepare candidates for P-5 Dual Immersion classrooms. Candidates will learn about current research, curricula, and content-area teaching methods applicable to Dual Language settings. They will acquire knowledge of child development and elementary content standards and learn how to apply this knowledge in Dual Immersion classrooms.

Required (15):

- ECE 4397 Elementary Mathematics in Dual Immersion Settings (3)
- ECE 4430 Perspectives on Child Development for Culturally and Linguistically Diverse Students (3)
- ECE 4440 Biliteracy: Literacy Development in Multilingual Settings (3)
- ECE 4450 Content-Based Curricula, Instruction and Assessment for Dual Immersion Classrooms (3)
- FORL 4030 Teaching Diverse World Language Learners – Field Experience (3)

Total hours for endorsement: minimum of 15 semester hours

4300 Initial Certification in Special Education General Curriculum P-12

Department of Learning Sciences
7th Floor, College of Education Building and Human Development
Brendan Calandra, Chair

This is an initial certification program for undergraduate students or post-baccalaureate at Georgia State University Students seeking admission to this initial certification program, must have a minimum cumulative GPA of 2.5; have passing scores on the GACE Program Admission Assessment or demonstrate an exemption; and complete the Georgia Educator Ethics – Program Entry (350) Assessment, and tort liability insurance.

Undergraduate students at Georgia State University must meet the requirements jointly set by their major department and the Department of Learning Sciences.

Pre-Service Certificate: Upon admission to a teacher education program, students will be contacted by the College's Office of Academic Assistance office with instructions to claim enrollment in their program

and submit a GaPSC Pre-Service Certificate Application. The pre-service certificate is required for placement in required field experiences or clinical practice.

Certification: Students must post passing scores on the GACE Content Assessment, Georgia Educator Ethics – Program Exit (360) Assessment, and edTPA in order to be recommended by Georgia State University for clear, renewable certification.

Program Requirements

Students who do not satisfactorily pass a course (grade of 'B' or higher) must retake the course and satisfactorily pass the course prior to taking additional courses in the program. Courses may be repeated once.

The sequence of required certification courses are as follows:

- EPY 2050 Human Growth and Development (3)
- EXC 4020 Characteristics and Instructional Strategies for 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 4650 Opening School Experience (0)
- EXC 4661 Practicum I: Special Education (3)
- EXC 4671 Student Teaching in Special Education (3)

Total hours for certification: 24 semester hours

Undergraduate students also are required to complete EDUC 2110 Investigating Critical and Contemporary Issues in Education, EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts, and EDUC 2130 Exploring Learning and Teaching.

Post-Baccalaureate students are required to complete 15 hours in a content concentration in social science, science, math, language arts, or reading if not already completed in an undergraduate program. This will be determined through a transcript review. Students can also take the 3 reading endorsement courses to satisfy requirements for "Highly Qualified."

4310 Undergraduate Certificate in Healthcare Science Education

Department of Learning Sciences
233-242, 2nd Floor, College of Education Building and Human Development
Brendan Calandra, Chair

The Department of Learning Sciences offers undergraduate courses to allow individuals from specific areas of healthcare to become teachers at middle and secondary schools based on occupational work experience, industry licensing and assessments, and an Associate's Degree in a Georgia Professional Standards Commission (GaPSC) eligible healthcare field. Applicants to this program have qualified for the Healthcare

Science Induction certificate in Georgia and are required to complete an approved program to convert to the Professional certificate. This GaPSC approved program leads to initial certification only.

Students seeking Healthcare Science Education certification who do not hold an associate's degree must pass the GACE Program Admission Assessment within three (3) years of program admission or prior to program completion, whichever occurs first. All students must take Georgia Educator Ethics – Program Entry (350) Assessment for program admission and pass the Georgia Educator Ethics – Program Exit (360) Assessment for program completion. Successful completion of the following courses qualifies a person for either a second Induction or Professional certificate, depending upon the current level of certification. Students are admitted through a special application process once a year in summer session; they may take these courses either as non-degree or degree-seeking students. Classes offered in fall and spring may be available in a synchronous online format.

Required (24):

- 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 (3)
- EDBT 4570 Instructional Strategies in Technology/Career Education (3)
- EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)

Total hours for certification: minimum of 24 semester hours

4320 Undergraduate Certificate in Career and Technical Specializations

Department of Learning Sciences
233-242, 2nd Floor, College of Education Building and Human Development
Brendan Calandra, Chair

The Department of Learning Sciences offers undergraduate courses to allow individuals from specific areas of industry, information technology and other occupational fields to become teachers at middle and secondary schools based on occupational experience, industry licensing and assessments, and the minimum educational level required for the field. Applicants to this program have qualified for the Induction certificate in Georgia and are required to complete an approved program to convert to the Professional certificate. This Georgia Professional Standards Commission (GaPSC) approved program leads to initial certification only.

Students seeking Career and Technical Specializations certification who do not hold an associate's degree must pass the GACE Program Admission Assessment within three (3) years of program admission or prior to program completion, whichever occurs first. All students must take Georgia Educator Ethics – Program Entry (350) Assessment for program admission and pass the Georgia Educator Ethics – Program Exit (360) Assessment for program completion. Successful completion of the following courses qualifies a person for either a second Induction or Professional certificate, depending upon the current level of certification.

Students are admitted through a special application process once a year in summer session; they may take these courses either as non-degree or degree-seeking students. Classes offered in fall and spring may be available in a synchronous online format.

Required (24):

- 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 (3)
- 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

4330 Undergraduate Certificate in Sign Language Interpreting

Department of Learning Sciences
7th Floor, College of Education Building and Human Development
Brendan Calandra, Chair

The Sign Language Interpreting certificate prepares students with the theoretical and practical knowledge needed to enter field of American Sign Language/English interpretation. Students develop confidence in their working languages, proficiency in linguistic and cultural analysis, and the interpersonal skills needed to develop a relevant and sound professional practice.

Program Admission

Admission to the certificate will be based on the following:

- Admission to Georgia State University;
- Proof of a bachelor's degree or higher;
- Completion of an American Sign Language Interpreting Certificate Program application;
- Completion of a program orientation;
- Successful completion of an entrance interview demonstrating at least intermediate conversational proficiency in American Sign Language, and visual-motor fluency.

Program Requirements

Required (48):

- SLIP 3010 Introduction to Interpreting-CTW (3)
- SLIP 3100 ASL Narrative and Discourse (6)
- SLIP 3100L Interpreting Lab I (1)

- SLIP 3115 Deaf History and Culture (3)
- SLIP 3200 Service Learning I (3)
- SLIP 3210 Service Learning II (3)
- SLIP 3220 Service Learning III (3)
- SLIP 4000 Educational Interpreting (3)
- SLIP 4010 English to ASL I (3)
- SLIP 4020 ASL to English I (3)
- SLIP 4020L Interpreting Lab II (1)
- SLIP 4025 Survey of Specialized Settings (3)
- SLIP 4025L Interpreting Lab III (1)
- SLIP 4050 ASL to English II (3)
- SLIP 4060 English to ASL II (3)
- SLIP 4080 Practicum (6)

Total hours: minimum of 48 semester hours

4400 Graduate Degree Programs

The College of Education and Human Development offers the following graduate degree programs:

Master of Arts:

- Creative and Innovative Education

Master of Arts in Teaching:

- Elementary Education
- English Education
- English to Speakers of Other Languages (ESOL) Education
- Health and Physical Education
- Mathematics Education
- Middle Level Education
- Science Education
- Social Studies Education
- Special Education

Master of Education:

- Educational Leadership
- Elementary Education
- Health and Physical Education
- Literacy Education
- Mathematics Education
- Reading, Language, and Literacy Education
- School Counseling
- School Psychology

- Science Education
- Social Studies Education
- Special Education

Master of Science:

- Applied Behavior Analysis
- Clinical Rehabilitation Counseling
- Communication Sciences and Disorders
- Educational Psychology
- Educational Research
- Exercise Science
- Instructional Design and Technology
- Mental Health Counseling
- Social Foundations of Education
- Sport Administration

Specialist in Education:

- Educational Leadership
- School Counseling
- School Psychology

Doctor of Education:

- Curriculum and Instruction
- Educational Leadership

Doctor of Philosophy:

- Counseling Psychology
- Counselor Education and Practice
- Early Childhood and Elementary Education
- Education of Students with Exceptionalities
- Educational Policy Studies
- Educational Psychology
- Instructional Technology
- Kinesiology
- School Psychology
- Teaching and Learning

Information concerning admissions to the College of Education and Human Development graduate programs is also available online at education.gsu.edu/admissions/graduate-admissions/ and from the Office of Academic Assistance and Graduate Admissions, 300 College of Education Building, Georgia State University, Atlanta, GA 30303-3083, 404-413-8000.

5000 Byrdine F. Lewis College of Nursing and Health Professions

Undergraduate programs in the Byrdine F. Lewis College of Nursing and Health Professions are described in detail in this chapter. See subsections for specific program information as well as policies and procedures.

5010 General Information

The Byrdine F. Lewis College of Nursing and Health Professions is committed to the preparation of professionals in the areas of Nursing, Nutrition, Respiratory Therapy and Health Informatics. The programs are designed to meet the health and human service needs of the citizens of Georgia. Involvement in research and practice in the urban community is encouraged. The programs are responsive to the needs of students entering both first and second careers. Courses are delivered through a variety of modes including classroom and laboratory instruction, web-based instruction, and distance technology.

5010.10 Office of the Dean

816 Urban Life
404-413-1100
lewis.gsu.edu

Nancy Kropf, Dean
Lynda Goodfellow, Associate Dean for Academic Affairs
Andrew Butler, Associate Dean for Research

5010.30 Accreditation

The baccalaureate program in the School of Nursing is approved by the Georgia Board of Nursing and is accredited by the Commission on Collegiate Nursing Education. The Commission on Accreditation of Allied Health Education Programs accredits the baccalaureate program in the Department of Respiratory Therapy in collaboration with the Committee on Accreditation for Respiratory Care Education. The Nutrition Science in the Department of Nutrition is accredited by the Commission on Accreditation for Dietetics Education of the American Dietetic Association.

5010.40 Degree Programs

The College of Nursing and Health Professions offers a Bachelor of Science degree with majors in nursing, nutrition science, and respiratory therapy. The College also has a Bachelor of Interdisciplinary Studies in Health Informatics.

5010.70 Admission to Professional Programs

Acceptance to Georgia State University into one of the majors in the College of Nursing and Health Professions allows a student to take prerequisite course work leading to the professional program. A separate application process is required for acceptance into the professional programs in nursing, nutrition, respiratory therapy and health informatics.

The professional program in nursing begins in the fall and spring semesters only. The professional programs in nutrition and respiratory therapy begin annually in the fall semester only. The B.I.S. in Health Informatics will have new cohorts in the Fall and Spring. Admission into these programs is highly competitive, and students are encouraged to inquire about admission criteria, policies, and deadlines as soon as possible. Admission information and requirements for each program are included in the section on the major.

It is highly recommended that a student wishing to enter the programs in nursing, nutrition science and respiratory therapy take one year of biology and one year of chemistry in high school.

Applicants for admission to the professional programs must be able to demonstrate prior to admission an ability to meet certain technical standards of performance which are necessary to carry out their activities as health professionals. They must be able to communicate effectively and efficiently in oral and written form. Applicants for admission must demonstrate the functional use of their senses that will allow them to elicit appropriate information, as well as to perceive nonverbal communications from patients or clients whom they are serving. Additionally, each of these applicants should be able physically to provide reasonable care and emergency treatment when necessary.

The College of Nursing and Health Professions reserves the right to require the withdrawal of any student at any time in order to preserve and maintain the program's standards of scholarship and conduct.

International applicants to the College of Nursing and Health Professions whose native language is not English, regardless of language of instruction, may be required to submit acceptable results from an English proficiency examination.

Each department 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 College of Nursing and Health Professions is determined by the Undergraduate Admissions Office, the University Advisement Center, the College of Nursing and Health Professions Office of Academic Assistance, and, if appropriate, department the student is applying for. Allowance of transfer credit by the Office of Admissions does not mean necessarily that all such credit will be accepted toward a degree from the College of Nursing and Health Professions.

5020.20 Credit for Transient Work

Students in the College of Nursing and Health Professions who wish to take course work at another college or university must have prior written approval from the University Advisement Center or the Office of Academic Assistance if they wish to apply that credit to a degree program. The student must be in good academic standing at Georgia State University. A student may not take more than four courses as a transient student. Courses that have been failed at Georgia State may not be retaken at another institution.

Please consult section 1300 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 College of Nursing and Health Professions, the student will be placed in a clinical setting which requires the student to care for and/or be exposed to individuals and patients of all ages and with a variety of diagnoses and symptoms, some of which are communicable and infectious. However, unless otherwise required by law, the College of Nursing and Health Professions does not grant special consideration or waiver of any degree completion requirements, including placement in a clinical setting.

Please note that majors must complete a clinical program during their matriculation. Some students will be placed with a clinical affiliate that gives care to vulnerable populations or deals with sensitive information. As a result, the agency or affiliate may request a criminal background check and/or drug screen as a prerequisite for placement. If students use illegal drugs, have a criminal record before they declare their major, or acquire a criminal record after declaring their major, they might be prohibited from participating in the clinical program.

5020.40 Graduation

Coursework with a grade of D can satisfy no more than 12 semester hours of degree requirements. A minimum grade of C is required in all major courses. Certain programs may require a grade of C or higher in other courses as well. A 2.00 grade point average is required for graduation.

Any deviations from catalog requirements are unauthorized except by approval of the department, or by written petition filed through the Office of Academic Assistance and properly approved by the appropriate committee.

Please note that licensing boards or agencies for program-related occupations may deny, suspend or revoke a license if an applicant has a criminal history or licensee is convicted, pleads guilty or nolo contendre to a felony or other crime. Students should consult the licensing board corresponding to their intended occupations for more details. Successful completion of a program of study in the College of Nursing and Health Professions does not guarantee licensure, certification, or employment in the relevant occupation.

5030 Degree Requirements

The undergraduate programs in the College of Nursing and Health Professions are designed to comply with the University System of Georgia core curriculum requirements. The program requirements for Undergraduate Core Curriculum Areas A through E are listed in the "Core Curriculum" chapter of this catalog. Recommendations of specific courses in the core curriculum for nursing, nutrition science and respiratory therapy students are listed below as well as in each program section. Area F requirements for the major and other course requirements are found in the sections of this chapter which describe the specific major.

5030.10 Core Curriculum Recommendation

Area B: Institutional Options:

It is suggested that nursing majors take [PHIL 1010] as one of the two required courses, as critical thinking skills are an essential piece of the nursing profession.

Area C: Humanities and Fine Arts:

It is suggested that nursing majors take SPAN 1002 as one of the two required courses.

Area D: Science, Mathematics and Technology:

It is strongly recommended that respiratory therapy and nursing majors take [CHEM 1151K] and CHEM 1152K. For nutrition science majors, CHEM 1211K and CHEM 1212K is required. Health Informatics majors can select one two-course science sequence listed in section 1410.40 of the undergraduate catalog.

Area E: Social Sciences:

It is strongly recommended that nursing majors take PSYC 1101 as the social science foundations selection as it is a prerequisite to PSYC 3140.

5030.20 Program Admissions

The undergraduate programs in the Byrdine F. Lewis College of Nursing and Health Professions because of their professional nature, have more stringent admission requirements than those of Georgia State University.

Health Informatics

Admission is by application. All CNHP B.I.S. degree prerequisites must be completed for the Clinical Informatics concentration with a GPA of 3.0 or better. The prerequisites will be listed in the curriculum section of the BIS. Students generally apply at the end of their second year (sophomore) when prerequisite courses are complete and will begin this BIS program in the junior year. A new cohort starts each fall and spring semesters. As demand for this major grows, the need to limit the number of times a student can apply and additional admission criteria will be re-evaluated. The application deadline for Fall is May 15th. The application deadline for Spring is October 1st.

Nursing

The applicant must meet the general admission requirements of Georgia State University-Atlanta Campus and the School of Nursing. Acceptance to the university allows the student applicant to register for prerequisite course work leading to the professional program in nursing but does not guarantee automatic admission into the nursing program. Acceptance into the baccalaureate program requires a separate application and admissions process. Due to the high demand for this major, there is a need to limit the number of times a student can apply. Additional admission criteria will be re-evaluated on a continuous basis and changes will be made as necessary. Qualified applicants are admitted on a space-available basis. The University gives some preference to applicants who begin their baccalaureate college careers at Georgia

State University and meet all other criteria. **A person may apply to the Nursing Program only twice.** If not accepted on the first application, applicants who have earned 30-89 credit hours must meet with an advisor in the University Advisement Center. Applicants who have earned greater than 89 credit hours and are not accepted on the first application must meet with an advisor in the Office of Academic Assistance in the Lewis College of Nursing and Health Professions.

Two program options are available in the undergraduate nursing program: the traditional option which is open to first time full time freshmen and ACE (Achieving the Curriculum Expeditiously) open to students who meet criteria. 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 a different set of application criteria.

Application eligibility
Traditional Option:: Students who enter Georgia State University-Atlanta Campus as a first time freshman must take and pass the first course in each of the sequences of courses listed below and attain a grade of B or higher, before they complete 30 semester hours. Courses may not be repeated in an attempt to achieve a grade of B:

- MATH 1070 Elementary Statistics or MATH 1111 College Algebra, or MATH 1113 Pre-Calculus or, MATH 1220 Survey of Calculus or, MATH 2211 Calculus of One Variable I or, MATH 2212 Calculus of One Variable II or, MATH 2215 Multivariate Calculus or, MATH 2420 Discrete Math
- BIOL 2300 Microbiology or CHEM 1151k Survey of Chemistry I, or or BIOL 1103K Introductory Biology I or PHYS 1111K Introductory Physics I or CHEM 1211K Principles of Chemistry I or BIOL 2107K Principles of Biology I or PHYS 2211K Principles of Physics I
- ENGL 1101 English Composition I or ENGL 1102 English Composition II
- PHIL 1010 Critical Thinking or PSYC 1101 Introduction to Psychology, or [SPCH 1000] Human Communication

Students who have earned joint enrollment credit prior to being admitted to the Atlanta Campus would be allowed to meet the above requirement using the second course in the sequence. Students wishing to use Advanced Placement (AP) credits must discuss options with an advisor.

Eligibility for the Traditional Option:

1. Acceptance to Georgia State University-Atlanta Campus
2. Successful completion of the Traditional Option Requirements
3. Successful completion of the current version of the Test Essential Academic Skills (TEAS).
4. A two-page typed paper discussing the applicant's position on a current social or health-related issue.
5. Two letters of reference. One should be academic (high school or college instructor); one should be professional (employer, volunteer organization, etc.).
6. An Application Cover Sheet form.
7. Answers to a short list of questions that are included with the Application Cover Sheet form.

Historically students accepted to the traditional track have had a GPA greater than 3.3.
The application deadline for traditional applicants for fall semester is May 7th. The application deadline for spring semester for traditional applicants is October 1st.

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)
- CNHP 3000 (Communication and Cultural Diversity)
- PSYC 3140 (Abnormal Psychology)

ACE Option Requirements:

1. Acceptance to Georgia State University-Atlanta Campus
2. Completion of prerequisite science courses : CHEM 1151K/CHEM 1152K Survey of Chemistry I and II or BIOL 1103K/BIOL 1104K Introductory Biology I and II or PHYS 1111K/PHYS 1112K Introductory Physics I and II, BIOL 2300/BIOL 2310 Microbiology/Lab and [English 1101] English Composition I. Students will be allowed to use the higher level lab science sequence if they have completed one: CHEM 1211K/CHEM 1212K Principles of Chemistry I and II or BIOL 2107K/BIOL 2108K Principles of Biology I and II or PHYS 2211K/ PHYS 2212K Principles of Physics I and II.
3. A minimum grade point average of 3.30. Higher grade point averages receive preference for admission. A minimum grade point average of 3.30 in the science courses listed in the prerequisite section. In computing this GPA, only the first two attempts at a course will be considered. Even if a student repeats a course under Georgia State's repeat-replace policy, only the first two attempts will be considered in the Nursing admissions process.
4. Successful completion of the current version of the Test Essential Academic Skills (TEAS).
5. A two-page typed paper discussing the applicant's position on a current social or health-related issue.
6. Two letters of reference. One should be academic (high school or college instructor); one should be professional (employer, volunteer organization, etc.).
7. An Application Cover Sheet form.
8. Answers to a short list of questions that are included with the Application Cover Sheet form.
9. Successful completion of the legislative requirements in U.S. and Georgia History, and U.S. and Georgia
   Constitution, advisement.gsu.edu/self-service/testing/georgia-history-and-constitution-legislative-requirements/.

The application deadline for fall semester ACE applicants is February 15th. The application deadline for spring semester ACE applicants is October 1.

ACE applicants who are not admitted for the cycle for which they applied and wish to be considered for admission to the traditional program do not need to submit an additional application. ACE applicants will be considered for admission to the traditional program at the discretion of the nursing admissions committee.

If the applicant's native language is not English, regardless of language of instruction, he or she may be required to submit acceptable results on the Georgia State Test of English Proficiency (GSTEP) or the Test of English as a Foreign Language (TOEFL).

It is important that applicants are aware of the current level of competition for admission. The program can accommodate only a limited number of students each year.

Early applications are advisable. Application requirements and information about the Test Essential Academic Skills (TEAS) Test are available on the Nursing website nursing.gsu.edu/academics/undergraduate/frequently-asked-questions/. The cost of the exam is the applicant's responsibility.

Upon receipt of an acceptance letter, the student will be required to complete the Program Intake for Nursing School orientation on iCollege 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 Georgia law. 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.

RN BS Bridge Program:

The RN-BS is an undergraduate degree option, however it is only open to students who hold a current RN license and have graduated from an accredited associate degree or diploma program. The RN-BS program only admits once per year in the summer

Nutrition Science

Admission to the nutrition science program requires completion of prerequisite courses and a submission of a information form to the department. Information forms must be submitted to the CNHP Office of Academic Assistance by March 1.

Respiratory Therapy

Admission to the Department of Respiratory Therapy is limited. In addition to meeting the general admission requirements of the university, the applicant must meet the specific admission requirements and regulations of the Department of Respiratory Therapy. Acceptance into the program is based competitively on the factors of demonstrated academic ability, consistency of performance, personal qualifications, including motivation and interpersonal abilities.

International applicants whose native language is not English, regardless of language of instruction, must

submit acceptable results from the Georgia State Test of English Proficiency (GSTEP). Because of the communication demands in the profession of respiratory therapy, both with patients and staff members, and the critical nature of clinical care, adequate verbal and written comprehension of English is necessary.

Individuals who desire to pursue respiratory therapy as a profession and show academic ability may apply for admission. Enrollment in the Department of Respiratory Therapy is limited and, therefore, early application is advisable. The application deadline is May 1st proceeding the fall semester in which admission is desired. The Office of Admissions evaluates the credentials of students transferring from other colleges and universities. Acceptance into the university does not ensure admission into the respiratory therapy program.

Students taking the prerequisite courses in colleges or universities other than Georgia State University should take equivalent course work.

Students are admitted into the professional courses in the fall of the junior year. A minimum grade point average of 2.50 is required. Higher GPAs receive preference for admission.

A.S. to B.S. Program

Requirements for Admission

- Admission to Georgia State University in the Byrdine F. Lewis College of Nursing and Health Professions with a major in respiratory therapy.
- A complete Advanced Standing application for admission to the respiratory care program.
- Notarized copy of RRT certificate.
- AARC Student Membership.
- GPA at least 2.5

Program Highlights

Bridge students must complete University core education requirements (see General Education Courses), as mandated by the University System for a Bachelor's degree. Many students have coursework from other schools that can transfer to satisfy some of the required prerequisite courses. Georgia State University also requires that 39 semester hours in the major area (Respiratory Therapy) be completed in residence (at Georgia State). The suggested courses are listed, which represent the most advanced coursework in the Bachelor program in the Bachelor degree program (See AreaG: Major).

Credit by Validation for 30 semester hours is given based on the RRT credential. This includes all clinical coursework

Students must also demonstrate knowledge of the history and constitutions of the United States and Georgia by either completing an American History and an American Government course, or by taking exams to fulfill these requirements after enrollment at Georgia State. Information is available at advisement.gsu.edu/self-service/testing/georgia-history-and-constitution-legislative-requirements/.

Students have the option to Test Out of a Course, if they are competent in the course area, with the exception of the final capstone course, RT 4950, Directed Study (Contact course instructor for further

information).

An Integrated B.S. to M.S. degree is an option to those who have a bachelor's degree in another field and wish to enter the respiratory therapy profession. See the Graduate Catalog for details.

5040 Academic Advisement

The Byrdine F. Lewis College of Nursing and Health Professions is committed to providing advisement, counseling, and referrals to help students achieve academic success. Students in the College receive advisement from faculty members as well as from professional academic advisors in the Office of Academic Assistance located in the Urban Life Building Room 811. All students with 89 hours or less are advised by the University Advisement Center, advisement.gsu.edu. All students with 90 hours or more are advised by professional advisors located in the College of Nursing and Health Professions Office of Academic Assistance, lewis.gsu.edu/student-resources/academic-assistance/.

5050 Student Complaints, Petitions for Policy Waivers and Variances, and Appeals

The appeals procedure for students in the Byrdine F. Lewis College of Nursing and Health Professions will follow different courses depending on the nature of the student's appeal. Please refer to University Information Section 1050.80 under Polices and Disclosures in this catalog or visit enrollment.gsu.edu/assistance/ online for details.

5060 Honors and Awards

Georgia State University Outstanding B.I.S in Health Informatics Program Student Award: Georgia State University recognizes one outstanding Health Informatics students who have demonstrated academic achievement, have strong leadership skills, and strong potential as future health IT professional.

Maymi Walker Chandler Memorial Scholarship: This award was established in memory of Maymi Walker Chandler in recognition of her commitment to the professional development of women. The award recognizes students who demonstrate academic excellence and leadership.

Kaiser Permanente Undergraduate Nursing Scholarship: These scholarships are funded by Kaiser Permanente, one of America's leading healthcare organizations, and are given to undergraduate students in recognition of academic achievement.

Kaiser Permanente Endowed Nursing Scholarship: This scholarship was established to benefit graduate students who are interested in pursuing a career as a nurse educator.

Byrdine F. Lewis Clinical Practice Scholarship: This award was established to honor Mrs. Byrdine F. Lewis for whom the Georgia State University College of Nursing and Health Professions was named. The scholarship is awarded to undergraduate nursing students who have a strong academic record and who are

committed to clinical practice in a hospital setting.

Merle Kennon Lott Scholarship: This award was established in memory of Merle Lott, who was Director of Nursing for the Dekalb County Health Department and a dedicated public health nurse in Georgia for over 30 years. It recognizes students who have demonstrated academic excellence and plan to pursue a career in public health nursing.

Nursing Student Leadership Award: The Nursing Student Leadership Award recognizes a student who has demonstrated initiative, motivation, dedication,and a strong commitment to a Georgia State nursing student program or organization. This award is given to a student who demonstrates leadership abilities both within and outside of Georgia State University.

Nursing Student Research Award: This award recognizes students who have made outstanding research contributions, become a role model for other students and exhibited potential of becoming a significant contributor to the nursing professions.

Daniel J. Sansone Memorial Scholarship: this award was created in memory of Daniel Sansone, son of Joseph Sansone, founder and CEO of Pediatric Healthcare, LLC. The award is given to an undergraduate student interested in pediatric nursing or respiratory therapy.

James Ancil Lewis Award: This award was established in memory of James Ancil Lewis and honors his exemplary work in respiratory therapy, from his graduation in 1973 until his death in 1992. The award is given to a junior in the program who exemplifies Mr. Lewis' characteristics of service to others, particularly in clinical work and direct patient care.

Johnnie W. Prothro Academic Excellence Award: This award is given to an undergraduate student who has achieved a high level of academic excellence in the nutrition program.

Nutrition Scholarship: To provide scholarships for undergraduate students majoring in nutrition. Students must have a 3.0 GPA to be eligible.

Pediatria Healthcare Endowed Nursing Scholarship: To provide scholarships to Georgia State University undergraduate and graduate nursing students enrolled in the School of Nursing. Students must have a Georgia State program GPA of 3.0 or higher, and be presently studying or will be studying pediatric nursing at the time of the awarding of the scholarship. Financial need will be taken into consideration.

The units in the College of Nursing and Health Professions may award honors. Criteria for honors are listed below:

1. Students must be recommended and approved by departmental faculty committee.
2. The residence requirements for graduation from Georgia State University must be fulfilled. No courses exempted or validated by examination are considered as being taken in residence.
3. The following grade point average requirements must be met:
    a. A minimum overall accumulated grade point average of 3.0 in all courses excluding professional program courses. This includes all courses applied toward the degree including courses transferred in.
    b. An accumulated grade point average of at least 3.5 in all professional program courses.

c. Accumulated grade point average will be calculated on courses that apply to the degree including courses transferred in from other schools.

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

5110 Health Informatics

Program Offered:

B. I. S. in Health Informatics

1228 Urban Life Center
404-413-1225
Cedric L. Truss, Program Director and Clinical Assistant Professor
healthinformatics.gsu.edu

The Mission of this concentration is to prepare graduates to address the expanding complex information technology needs of our healthcare system.

The Goals of the program are as follows:

- A student graduating with a B.I.S. degree in Health Informatics will understand the systems and processes associated with health informatics in the areas of Clinical Informatics; Health Information Technology; and Health Administration Management.
- A student graduating with a B.I.S. degree in Health Informatics will be able to analyze and draw relevant conclusions associated with health informatics in the areas of Clinical Informatics; Health Information Technology; and Health Administration Management.
- A student graduating with a B.I.S. degree in Health Informatics will understand the role of and be able to effectively work in the health information, technology and administration industry.
- A student graduating with a B.I.S. degree in Health Informatics will be able to function as an effective member of a successful interdisciplinary healthcare team.
- A student graduating with a B.I.S. degree in Health Informatics will be an effective critical thinker.
- A student graduating with a B.I.S. degree in Health Informatics will be an effective oral and written communicator.

The Learning Outcomes are the following:

- A student graduating with a B.I.S. degree in Health Informatics will be able to analyze and evaluate the systems and processes associated with health informatics in the areas of Clinical Informatics; Health Information Technology; and Health Administration Management.
- A student graduating with a B.I.S. degree in Health Informatics will demonstrate the ability to effectively function in multifunction teams operating in the field.

- A student graduating with a B.I.S. degree in Health Informatics will present their analysis and evaluations of health information systems and processes as an integrated part of the health information industry and a larger health care system.
- A student graduating with a B.I.S. degree in Health Informatics will use critical thinking in their decision processes.
- A student graduating with a B.I.S. degree in Health Informatics will demonstrate effective oral and written communication skills.

Program Academic Regulations

A minimum grade of C (2.0) is required in all courses designated as health informatics major courses. All health informatics majors must maintain a minimum GPA of 3.0 to remain in the program.

The Byrdine F. Lewis College of Nursing and Health Professions reserves the right to require the withdrawal of any student at any time in order to preserve and maintain the school's standards of scholarship and conduct. Furthermore, if the student has been sanctioned for any violation of university rules, procedures, or policies, an automatic review and determination of that student's progress in the program will occur.

5110.10 Curriculum Requirements

Prerequisites – 42 hours of pre-requisites (Areas A through E) are listed first followed by Area F which includes pre-requisites related to Clinical Informatics (includes 18 hours that students must complete prior to admission to the BIS in Clinical Informatics).

Area F – Courses Related to BIS Program for Clinical Informatics concentration (18 hours)

- BIOL 2110K Human Anatomy and Physiology I (4)
- BIOL 2120K Human Anatomy and Physiology II (4)
- CIS 2010 Achieving Business Goals using Information Systems (3)
- CNHP 2010 Basic Medical Terminology (3)
- CNHP 2000 Introduction to Clinical Informatics (1)
- Elective (3)

Major – 60 hours total in junior/senior years

Area G – Core, 36 hours

- CNHP 3010 Advanced Medical Terminology (3)
- CNHP 3100 Electronic Health Records (3)
- CNHP 4010 Healthcare Leadership and Ethics (3)
- CNHP 4110 Future Trends –Telehealth-CTW (3)
- CIS 3001 Managing Information Technology Projects (3)
- CIS 3730 Database Management Systems (3)
- CNHP 4120 Workflow and Process Management in Health IT(3)
- CNHP 4680 Security and Privacy through Healthcare Technology (3)
- HA 3900 The US Health Care System (3)
- HA 3910 Health Policy in the US (3)
- HA 3950 Health Economics and Financing (3)
- HA 4450 Legal Concepts in Healthcare (3)

Concentration: Clinical Informatics, 15 hours

- CNHP 3105 Health Promotion and Health Informatics (3)
- CNHP 4100 Quality & Safety in Healthcare Organizations (3)
- CNHP 4450 Data Analytics (3)
- CNHP 4600 Health Informatics Capstone (3)
- CNHP 4109 Training and Instructional Design (3)

General electives
Select 9 hours

- CNHP 3105 Health Promotion and Health Informatics (3)
- CNHP 4100 Quality & Safety in Healthcare Organization ***(CTW)*** (3)
- CNHP 4250 Entrepreneurial Health Informatics (3)
- CNHP 4270 Project Management in Health Informatics (3)
- HA 3970 Health Information Systems (3)
- CIS 3260 Introduction to Programming (3)
- CIS 3270 Application Programming (3)
- CIS 3300 Systems Analysis (3)
- CIS 3310 Systems Design (3)
- CIS 3320 Telecom for Business (3)
- CIS 4000 Introduction to Computer Forensics (3)
- CIS 4140 Implementing IT Enabled Business Processes (3)
- CIS 4190 IT Enabling the Realtime Organization (3)
- CIS 4300 Measuring and Improving Software Quality (3)
- CIS 4389 Directed Readings in Information Systems(3)
- CIS 4620 Managing Information Services (3)
- CIS 4700 Managing IT Project Risk, Vendors and Contracts(3)
- CIS 4970 Field Study in Computer Information Systems (3)
- CIS 4980 Systems Development Project/Capstone Project ***(CTW)*** (3)
- HA 4620 E Operations Management in Health Care (3)

5120 Nursing

Program Offered:

- **B. S. with major in Nursing**

900 Urban Life Center
404-413-1200
Susan J Kelley PhD, RN, FAAN, Associate Dean & Chief Academic Officer for Nursing
nursing.gsu.edu/

The Byrdine F. Lewis College of Nursing and Health Professions offers a curriculum leading to the Bachelor of Science degree with a major in nursing. Upon the completion of the baccalaureate program and subject to the rules of the Georgia Board of Nursing, the graduate becomes eligible to write the National Council Licensure Examination (NCLEX) a requirement for becoming a registered professional nurse.

The university catalog in effect at the time a student is admitted to the nursing program will normally apply to a student. However, the nursing curriculum and other requirements are subject to change in order to comply with regulations of accrediting agencies or with institutional or university-system policies. Every effort will be made to notify students of such changes; however, it is the student's responsibility to become aware of all current program and college requirements. Students who withdraw from the nursing sequence and wish to return will enter under the current catalog if space is available in nursing courses. Academic credit for nursing courses for a student who withdraws from the nursing program is valid for a five-year period. Abnormal Psychology (PSYC 3140) and Anatomy and Physiology I and II (BIOL 2110K – BIOL 2120K) 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 Assistant Dean for Undergraduate Programs.

Academic advisers work closely with students to plan programs; however, it is the student's responsibility to see that course prerequisites are met as required. The student is expected to follow the program planned in conjunction with the assigned academic and faculty advisers.

Clinical and didactic learning experiences may be scheduled at any time during the day and/or evening hours and on weekdays and weekends; personal schedules must be flexible to meet program requirements. Students will be expected to provide their own transportation to/from both the classroom and clinical settings.

Nursing has the right to make changes in the program, curriculum and courses with appropriate notification. Students will be expected to accommodate these changes as long as the total hours required for graduation are not increased.

The student is responsible for adhering to policies and procedures specified in the Nursing Undergraduate Student Handbook. Degree requirements must be completed in order to meet the eligibility requirements for writing the NCLEX.

Program Financial Information

Clinical practice will require that the applicant obtain student uniforms that meet Nursing program standards. Additional costs that are the responsibility of the student include 1) the cost of cardiopulmonary resuscitation certification and liability insurance; 2) the cost of lab supplies; 3) the cost of a standardized testing program; and 4) the cost of criminal background checks and drug screens.

Program Academic Regulations

A minimum grade of C (2.0) is required in statistics and all courses designated as nursing. All nursing majors must maintain a minimum GPA of 2.0 to remain in the nursing sequence.

Enrollment in a course may be terminated at any time if, in the judgment of the instructor, the student's behavior jeopardizes patient safety. This termination would result in a course failure and may result in dismissal.

A student may repeat a nursing course in which a grade of D, U, F or WF was received one time only. Failure of the repeated course or a second nursing course results in termination from the program. In the event a student is unsuccessful in NURS 3510, NURS 3610, NURS 3710 or NURS 3810, the student may take one new clinical course (NURS 3510, NURS 3610, NURS 3710, NURS 3810) concurrently with the course that must be repeated.

The 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 re-entering students may be found in the previous section entitled "Admission Requirements."

Each teaching team establishes the attendance policies for classroom and clinical experiences. In general, however, all learning experiences are required. Due to the complexity involved in selecting and supervising clinical learning experiences, students are required to complete all assignments promptly.

Selected achievement tests are required throughout the program. An end-of-program exit activity will be required of all nursing students.

Additional information, including information on program, policies and procedures, can be found in the Nursing's Undergraduate Student Handbook. Students are responsible for the information in this handbook as well as that in other university publications.

5120.10 Curriculum Requirements

Area B: Institutional Options:

It is suggested that nursing majors take PHIL 1010 as one of the two required courses, as critical thinking skills are a vital part of the nursing profession.

Area C: Humanities and Fine Arts:

It is suggested that nursing majors take SPAN 1002 as one of the two required courses.

Area D: Science, Mathematics and Technology:

It is recommended that nursing majors take CHEM 1151K and CHEM 1152K or BIOL 1103K and BIOL 1104K or PHYS 1111K and PHYS 1112K.

Area E: Social Sciences:

It is recommended that nursing majors take PSYC 1101 as the social science foundations selection, as it is a prerequisite for [PSYC 3140].

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

- BIOL 2110K & BIOL 2120K Human Anatomy and Physiology I & II (8)
- BIOL 2300 Microbiology and Public Health (3)
- BIOL 2310 Microbiology and Public Health Lab (1)
- NURS 2010 Health and Human Development Across the Lifespan (3)
- NURS 2060 Pathophysiology (3)

Area G: Major (49)

- NURS 2040 Conceptual Foundations of Nursing and Trends (1)
- NURS 2061 Pharmacology (3)
- NURS 2080 Basic Concepts of Nursing Care (3)
- NURS 2160 Basic Health Assessment and Nursing Skills (6)
- NURS 3510 Caring For Adult Populations (6)
- NURS 3610 Caring for Childbearing Families (5)
- NURS 3710 Caring for Children and Adolescents (5)
- NURS 3810 Psychiatric/Mental Health Care for Populations (5)
- NURS 4510 Caring for Families and Communities (5)
- NURS 4600 Leadership and Management in Nursing (3)
- NURS 4610 Senior Practicum (4)
- NURS 4620 Complex Health Care Problems Across the Lifespan (3)

Area H: Allied Fields (14)

- CNHP 3000 Communication/Cultural Diversity (3)
- NURS 3300 Human Services Policy, Planning and Trends (3)
- NURS 3500 Research Methods (3)
- NURS 3200 Introduction to Clinical Nutrition (2)
- PSYC 3140 Abnormal Psychology (3)

Total Program Hours Required: a minimum of 123 semester hours

RN-BS Bridge Program

The RN to BS Bridge program is designated for licensed Registered Nurses with an associate degree or nursing diploma to earn a Bachelors of Science with a major in nursing. The program is three semesters, 30 credit hours, online program. For the RN-BSN Bridge Program only, the 39 hour Residency Requirement, which is a requirement of all Bachelor degree programs at Georgia State University is waived. Admission to this program is only once per year in the summer.

Admission requirements

- Acceptance to Georgia State University with nursing as the designated major.
- Graduation from an accredited associate degree or diploma program.
- Current registration to practice as a registered professional nurse in Georgia.
- Evidence of practice – a current resume must be submitted. Individualized evaluation and testing may be done for students with less than 1000 hours of clinical practice in the past 3 years
- Two letters of reference – one professional and one academic. Academic reference must come from school of nursing attended. Professional reference must come from an immediate supervisor. If a student has been out of school for more than 5yrs then a reference from a work colleague may take the place of the academic reference.
- An essay, 2 pages maximum, discussing the students career goals and plan for achieving these goals.
- Grade point average of at least 2.8.
- Must have finished all of the Georgia State University Core requirements areas A-E prior to acceptance to the nursing program
- A minimum grade of C or higher is required for all prerequisites
- Upon receipt of an acceptance letter from the School of Nursing, the student will be required to establish contact with the School of Nursing records office to complete required forms and health-related requirements prior to entry into the nursing sequence.
- The following prerequisites must be completed prior to completing the program :
    - ENGL 1101, ENGL 1102, (Composition I and II)
    - MATH 1101 or MATH 1111 (Math Modeling or College Algebra)
    - BIOL 2110K and BIOL 2120K (Human Anatomy & Physiology I and II w/labs)
    - Sequence of two science courses with labs from the following: CHEM 1151K and CHEM 1152K (Survey of Chemistry I and II w/ labs) OR BIOL 1103K and BIOL 1104K (Introductory Biology I and II w/ labs) OR PHYS 1111K and PHYS 1112K (Introductory Physics I and II w/ labs)
    - MATH 1070 (Elementary Statistics)
    - PSYC 1101 (General Psychology)
    - BIOL 2300/BIOL 2310 Microbiology and Public Health with Lab
    - PSYC 3140 Abnormal Psychology or its equivalent

Credit is given for the following courses based on R.N. license, successful completion of 7 credit hours and successful completion of the NURS 3490 Professional Concepts bridge course: NURS 2061, NURS 3510, NURS 3610, NURS 3710, NURS 3810, NURS 4610, NURS 4620 and NURS 3200.

The student must provide his or her current Registered Professional Nursing license number to the academic adviser no later than the time of registration for the first nursing courses. The license number will be recorded at that time.

For general questions about the RN-BS bridge program please contact the Byrdine F. Lewis College of Nursing and Health Professions Office of Academic Assistance at 404-413-1000.

Accreditation

The baccalaureate program is approved by the Georgia Board of Nursing. The baccalaureate and master's programs are accredited by the Commission on Collegiate Nursing Education.

The School maintains membership in the Council of Member Agencies of the Southern Council on Collegiate Education for Nursing of the Southern Regional Education Board, and the American Association of Colleges of Nursing.

5130 Nutrition Science

Program Offered:

- **B. S. in Nutrition Science**

Department of Nutrition
862 Urban Life Building
404-413-1226

Huanibao Mo, Department Chair

nutrition.gsu.edu/

The Byrdine F Lewis College of Nursing and Health Professions offers a Bachelor of Science degree in Nutrition Science. The program: provides a strong foundation for those interested in positions in applied sciences or for those pursuing pre-professional (medical, dental, occupational therapy, speech pathology, and dietetics) studies. After completing the core requirements, students take courses in physiology, and nutrition (required for the major) and may take additional courses in biology, biochemistry, chemistry, and physics (electives).

Student outcomes associated with the Nutrition Science program.

1. Demonstrate how to locate, interpret, evaluate, and use professional literature.
2. Use current information technologies to locate and apply evidence based guidelines.
3. Demonstrate effective oral and written communication skills.
4. Demonstrate advocacy and negotiation skills.
5. Apply knowledge of the role of environment, food, and lifestyle choices in health and disease.
6. Describe the role of essential nutrients in health promotion and disease prevention.
7. Determine nutrient needs across the lifespan.
8. Integrate knowledge of the use of nutrients at the molecular, cellular and organ level.
9. Integrate genetic, physiologic and biochemical mechanisms by which food and nutrients promote optimal health.
10. Use the scientific method in the application of research methodologies.

11. Interpret basic statistics used in nutrition and medical research.
12. Demonstrate ability to critically evaluate information.

Program Degree Requirements

Students must have a cumulative grade point average (GPA) of 2.5 and a science GPA of 2.5 to register for 3000 and 4000 level nutrition courses. Any grade below a C is not acceptable toward the degree. A minimum cumulative GPA of 2.5 is required to receive the degree.

Area A: MATH 1113 is a prerequisite for CHEM 1211K and CHEM 1212K.

Area D: CHEM 1211K and CHEM 1212K are required as the lab science sequence.

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

[BIOL 2110K]* , [BIOL 2120K]*, CHEM 2400, NUTR 2100, Choose one or more of the following classes for a total of 4 hours: BIOL 2107k, BIOL 2500, BIOL 2800, PERS 2007, PERS 2102, PHYS 1111 may be required for some professional schools. BIOL 2107K and BIOL 2108K may substitute for BIOL 2110K and BIOL 2120K.

Area G: Major (60)

Required Courses (45)

- CNHP 3010 Advanced Medical Terminology (3)
- NUTR 3105 Normal Nutrition through the Life Cycle (3)
- NUTR 3150 Food Science (3)
- NUTR 3500 Macronutrient Nutrition (3)
- NUTR 3700 Micronutrient Nutrition (3)
- NUTR 4100 Energy, Metabolism, and Obesity (3)
- NUTR 4108 Nutrition Assessment (3)
- NUTR 4200 Nutrition and Disease (3)
- NUTR 4280 Nutritional Genomics (3)
- NUTR 4400 Nutrition Intervention (3)
- NUTR 4950 Nutrition Seminar for Seniors-CTW (3)
- NUTR 4955 Nutrition and Food Policy (3)
- NUTR 4960 Nutrition and Physical Fitness (3)
- CNHP 3000 Communication and Cultural Diversity (3)
- CNHP 3500 Research Methods (3) or NUTR 3010 Introduction to Research (3)

Electives (15)
Any other 3000 or 4000-level NUTR course; CHEM 2100 (Organic Chemistry I Lab), CHEM 3110 (Organic Chemistry II Lab), CHEM 3410 (Organic Chemistry II), PHYS 1111K (Introductory Physics I), PHYS 1112K (Introductory Physics II), CHEM 4600 (Biochemistry I), BIOL 3240 (Human Physiology), BIOL 3250 (Human Physiology Laboratory), BIOL 3800 (Molecular Cell Biology), BIOL 3810 (Molecular Cell Biology Lab), BIOL 3900 (Genetics). Other electives may be used if approved by advisor. 1000 or 2000-level courses will not count as electives in Junior or Senior years.

Total Program Hours Required: a minimum of 120 semester hours

5140 Respiratory Therapy

Programs Offered:

- **B.S. in Respiratory Therapy**

Online and Traditional Advanced Standing Degree in Respiratory Therapy (A.S. to B.S)

Department of Respiratory Therapy
1228 Urban Life Building
404-413-1220
Douglas S. Gardenhire, Department Chair
Robert Pettignano, MD, Medical Director

rt.gsu.edu/

Respiratory therapy is a health care profession dedicated to the support and management of individuals with abnormalities or deficiencies of the cardiopulmonary system. The respiratory therapist is an expert in therapeutic and diagnostic modalities associated with the pulmonary system, as well as the heart. He or she must have a working knowledge of chemistry, microbiology, and physiology as well as respiratory therapy. This background affords the therapist the ability to become proficient in working with respiratory life support systems. Under the guidance and supervision of a physician, the therapist treats by employing academic knowledge and technical skill for direct patient care. For a dedicated man or woman who finds a service field rewarding, respiratory therapy offers a career opportunity as a vital member of the health care team that is both personally and financially rewarding.

The Department of Respiratory Therapy offers a program that leads to a Bachelor of Science degree. The program provides classroom study with observation, clinical experience, independent study, and seminars. The Georgia State University respiratory therapy program is fully accredited by the Commission on Accreditation for Respiratory Care (CoARC). The program provides classroom study, laboratory study and observation, clinical experience, computer-assisted instruction and simulation, seminars, and independent study. Classes generally meet on a daily basis from approximately 8:00 AM to 4:00 PM. Clinical courses in area hospitals (clinical affiliates) meet generally from 6:45 AM to 3:15 PM.

The overall purpose of the Department of Respiratory Therapy is to provide a quality education that is relevant and professionally sound to meet the respiratory therapy needs of the health care community. Inherent to this purpose is the goal to prepare respiratory therapists who are able to demonstrate the attitudes, skills, and knowledge required to meet the changing needs of the community. It will be necessary for the respiratory therapist to cooperate with all members of the health care team in identifying and solving the problems related to respiratory diseases and disorders of the cardiopulmonary system. The respiratory therapist must be able to think critically, communicate effectively, demonstrate good judgment, and provide self-direction. It is a primary objective of the respiratory therapy program to educate well-qualified, competent respiratory therapists who demonstrate leadership ability.

The baccalaureate degree program in respiratory therapy seeks to establish an atmosphere in which the student achieves respect for the dignity and worth of the individual, the capacity for critical thinking, a genuine desire for knowledge, and the realization of his or her own potential. Graduates of the baccalaureate program are qualified to enter the Registry Examination System of the National Board for Respiratory Care (NBRC).

Clinical Course Requirement

Students who must complete a clinical component as part of their program of study must complete the department's health form and provide evidence of current tuberculosis status, immunization for hepatitis B, and review of current CDC guidelines on universal precautions. The health form and review of CDC guidelines on universal precautions must be updated annually. Clinical agencies may require additional evidence of health status. It is the responsibility of the student to consult with the graduate program director in their academic unit prior to beginning a clinical assignment. Liability insurance must be purchased before the clinical course begins.

Criminal Background Check and Drug Screen

Your application for licensure may ask you to respond to questions regarding any violations of federal, state or local law. You may be required to provide documentation to the state licensing board explaining any such occurrence. The individual state licensing agencies have exclusive authority to issue a license and could decline to issue such a license based on an applicant's prior criminal record.

Additionally, many of the clinical sites with which we have a clinical agreement require criminal background checks, finger printing and drug screen prior to allowing the student to be placed in the facility. The clinical facility has the right to deny the student an internship in the facility based on the findings of the criminal background check or drug screen.

A.S. to B.S. Program

The Department of Respiratory Therapy has a comprehensive advanced standing policy. Students who are graduates of CoARC-approved A.S. degree programs and are Registered Respiratory Therapists (RRT) may apply for advanced standing to the B.S. degree program. The department utilizes the following mechanisms to assess the awarding of credit in advanced standing: transfer credit, credit for professional credentials and credit for specialty exams from NBRC and courses offered from the AARC. Notarized proof of completion of specialty exam or course must accompany the application. The department maintains a philosophy of educational flexibility to meet the needs of the profession. The student has the option of testing out of the course, taking the course online or attending the class on campus. Students must complete all general education course requirements before taking respiratory therapy courses. All students must meet the GSU 39 hour upper division residency requirement that requires students to take 39 hours of 3000-4000 level course work at Georgia State University. Students must complete all general education course requirements before taking respiratory therapy courses.

Program Financial Information

During the junior year, students can expect to pay approximately $1400 for uniforms, stethoscopes, student liability insurance, books, clinical tracking system, clinical site onboarding and background check. In the

senior year, expenses are estimated at approximately $1000. This includes books and expenses related clinical training, NBRC self-assessment exams.

Program Academic Regulations

A minimum grade of C is required in all major, major-field-related, and mathematics and natural sciences courses for graduation. If a student's progress is interrupted at any point in the program through withdrawal or unsatisfactory performance, the student will no longer be in the program. If an individual applies to reenter the program, consideration will be given on the same basis as any new applicant. Curriculum changes are made whenever necessary to keep the learning experiences up to date and relevant in this rapidly changing technological field. Students will be expected to subscribe to these changes whenever they are necessary.

Students are expected to provide their own transportation to clinical training sites. Students are expected to comply with the policies and regulations of the division regarding absences, tardiness, standards of performance, conduct, dress code for the clinical areas, and other regulations as specified. A copy of these policies and regulations may be obtained from the division and will be given to all entering students.

Respiratory therapy courses are intended to be taken by students majoring in the Department of Respiratory Therapy. All professional courses involving a component of clinical training are open only to professional program majors.

Program Degree Requirements

Semester hours are shown in parentheses following an entry. Requirements for areas A through E of the undergraduate core curriculum are listed in the "Core Curriculum" chapter of this catalog. Area D, F and G apply to both B.S. Respiratory Therapy students and A.S. to B.S. students.

Area D: CHEM 1151K and CHEM 1152K are strongly recommended as the lab science sequence.

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

- BIOL 2110K & BIOL 2120K Human Anatomy and Physiology I & II (8)
- BIOL 2300 Microbiology and Public Health (3)
- BIOL 2310 Microbiology and Public Health Lab (1)
- RT 2011 Application of Physical Principles in Healthcare (3)
  (General Physics accepted in place of RT 2011)
- Elective Adviser-approved elective (3)

Area G: Major (66)

- RT 3005 Clinical Cardiopulmonary Physiology (3)
- RT 3025 Patient Evaluation (4)
- RT 3027 Pulmonary Diseases (3)
- RT 3030 Pulmonary Diagnostics (3)
- RT 3040 Respiratory Care Pharmacology (3)
- RT 3111 Respiratory Care Procedures I (4)

- RT 3112 Respiratory Care Procedures II (3)
- RT 3500 Research Methods (3)
- RT 4011 Ventilatory Support I (3)
- RT 4012 Ventilatory Support II (4)
- RT 4060 Advanced Critical Care Monitoring (2)
- RT 4070 Advanced Cardiac Life Support (2)
- RT 4075 Patient Care Management Strategies (3)
- RT 4080 Pediatric Respiratory Care (2)
- RT 4081 Neonatal Respiratory Care (2)
- RT 4085 Professional Trends to Long Term Care (3)
- RT 4096 End of Life Issues (1)
- RT 3050 Clinical Practice I (1)
- RT 3051 Clinical Practice II (4)
- RT 3052 Clinical Practice III (1)
- RT 4051 Clinical Practice IV (4)
- RT 4052 Clinical Practice V (5)
- CNHP 3010 Medical Terminology(3)

Total Program Hours Required: a minimum of 126 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

Richard Phillips, Dean
Nathan Bennett, Associate Dean for Program Innovation
Sanjay Srivastava, Associate Dean for Strategy and Special Projects
Todd Maurer, Associate Dean for Research Strategy
Anne Dries, Assistant Dean for Administration and Finance
Dave R. Forquer, Assistant Dean for Executive Programs
Jacobus Boers, Assistant Dean for International Engagement
Tracy A. Widman, Assistant Dean for Accreditation and Faculty Data Management
William C. Bogner, Assistant Dean for Undergraduate Programs
Brett Matherne, Assistant Dean for Professional and Flexible MBA Programs

7010.20 Mission of the J. Mack Robinson College of Business

The J. Mack Robinson College of Business of Georgia State University is committed to academic excellence through advancing the creation and dissemination of knowledge in business and management. Moreover, the college seeks to prepare its students for the practice of management with the knowledge and skills needed to remain effective in a global, culturally diverse, and technologically advanced world that is characterized by rapid change and complex interdependencies. As an academic unit of Georgia State University, the Robinson College seeks to add value to private, public, and not-for-profit organizations through excellence in its research, education, and outreach programs. The college enjoys a location that is distinctive among business schools and is committed to taking full advantage of its proximity to multinational corporations, entrepreneurial enterprises, federal, state, and city agencies, and not-for-profit organizations.

7010.21 Mission of the B.B.A. Program

The mission of the Bachelor of Business Administration (B.B.A.) program is to provide a broad general education and the core business knowledge and skills to prepare both traditional and nontraditional students for entry-level positions in private, public, and not-for-profit organizations and to stimulate in students a desire for lifelong learning. The program relies on a complement of full-time and part-time faculty using the most effective educational methods and technology to meet this mission.

7010.22 Objectives of the B.B.A. Program

The faculty seeks to fulfill the mission of the B.B.A. program by accomplishing the following objectives:

- Students will demonstrate effective communication skills.
- Students will effectively and efficiently use computer technology.
- Students will effectively and efficiently analyze and solve business problems.
- Students will function effectively as team members.
- Students will demonstrate a desire for lifelong learning.

7010.30 Accreditation

The J. Mack Robinson College of Business is accredited by the AACSB International, the Association to Advance Collegiate Schools of Business. The accounting programs of the college also hold accounting accreditation granted by the AACSB. The Institute of Health Administration is accredited by the Commission on Accreditation of Healthcare Management Education. The program in hospitality administration is accredited by the Accreditation Commission on Programs in Hospitality Administration.

7010.40 Bachelor's Degree Offered

The Robinson College of Business offers the Bachelor of Business Administration with ten majors. The requirements for the B.B.A. degree are shown later in this chapter. A degree is awarded only after admission to and completion of the prescribed program in accordance with the specific degree requirements and academic regulations of the college and the university.

7010.50 Tutorial Facilities

Tutorial facilities are available to students who may need assistance with writing or mathematics and are described in section 3000, College of Arts and Sciences.

7020 Academic Regulations

Students seeking a degree in the Robinson College of Business are encouraged to become familiar with the academic regulations of the university that are given elsewhere in this catalog. The sections concerning transfer requirements and the university degree policies, including the residence requirement, the core curriculum, the constitutions and histories requirement, application for graduation, academic recognitions, withdrawal from classes, incomplete grades, and scholastic discipline, are of particular importance. (Consult the index for the page numbers of these sections.) The college regulations discussed below should also be read carefully.

7020.10 Credit Transferred from Other Institutions

Some majors require that transfer credit for upper-level major courses be no more than five years old at the time the student enrolls in the B.B.A. program. Contact the Office of Undergraduate Academic Assistance for further information.

Course credit transferred from two-year colleges shall apply only toward freshman- or sophomore-level credit.

No more than 27 semester credit hours of course work earned through correspondence or extension will be accepted toward the B.B.A. degree. Courses completed through correspondence or extension may not apply toward junior- or senior-level credit.

Re-enrollment 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 re-enroll in the B.B.A. program, regardless of the length of the absence, they will be subject to the curricular degree requirements in effect at the time of their return. Such students are encouraged to discuss their transfer to the other institution with their academic advisor in advance if they intend to apply this work toward a degree of the Robinson College of Business. Students may not take courses for degree credit at another institution during the semester they expect to graduate from Georgia State University.

7020.20 Policy on Allowing Undergraduates to Take Graduate Courses

Students with a cumulative grade point average of 3.50 or higher who have at least 18 semester hours of credit at Georgia State University and who are in their senior year may petition to take up to two graduate courses in the Robinson College of Business in lieu of undergraduate courses. Students interested in petitioning should contact the Office of Undergraduate Academic Assistance for a statement of restrictions and procedures pertaining to this policy.

7020.30 Minimum Grade Requirements for B.B.A. Students

A grade of C- or higher is necessary to receive degree credit in the following required courses in the B.B.A. degree program: Acct 2101-2102, Econ 2105-2106, CIS 2010, BusA 2106; all the courses in the junior-year business core; the junior-year communication requirement; all the courses in the major; BusA 4980; the junior/senior RCB electives.

In addition to the minimum grade requirements in these courses, a grade of C- or higher must be earned by actuarial science majors in Math 2215.

7020.40 Minimum GPA Requirement for All Students Enrolled in RCB Courses

Students may not register for any 3000/4000-level course taught by the Robinson College of Business unless they meet eligibility requirements.

7020.41 Initial Eligibility Requirements for Students Admitted to Georgia State University as Freshman (i.e. a native Georgia State student with no transfer credit)

Students in this category, regardless of degree program or status, may not enroll in upper-level courses (those numbered 3000-4999) offered by the Robinson College of Business unless they meet the following requirements:

- Earned at least 45 semester hours of college-level credit.
- Completed RCB's Area F: Business Foundation with an Area F GPA of 2.8 or better. In attempting to satisfy this requirement each Area F course may be attempted only twice. The Area F GPA will be computed using the last attempt in each course. A WF counts as an attempt.

7020.42 Initial Eligibility Requirements for Students Admitted to Georgia State University as Transfer Students (i.e. has been given transfer credit by Georgia State for coursework completed at another academic institution, regardless of class standing)

Students in this category, regardless of degree program or status, may not enroll in upper-level courses (those numbered 3000-4999) offered by the Robinson College of Business unless they meet the following requirements:

- Earned at least 45 semester hours of college-level credit.
- Completed RCB's Area F: Business Foundation with an area F GPA of 2.8 or better. The grades in Area F courses transferred to GSU or taken in residence will be used to compute the Area F GPA. Each Area F course may be attempted only twice at Georgia State regardless of previous attempts at other institutions. The Area F GPA will be computed using the last attempt in each course. A WF counts as an attempt.

7020.43 Continuing Eligibility Requirements for Students

Once a student is eligible to take 3000/4000 RCB courses under either section 7020.41 or 7020.42 of this catalog they may remain eligible to take 3000/4000 level RCB courses as long as they maintain a GPA of 2.0 or higher and remain in good standing. If the student's GPA falls below the 2.0 required he or she will remain one semester to raise the GPA to the standard. If unable they will be ineligible to enroll in additional 3000/4000 level RCB courses and will be advised into another degree program.

7020.50 Course Sequencing Requirements

Students are expected to proceed through the B.B.A. program in proper sequence to receive maximum benefit from their studies. Courses that are intended for the freshman through senior years are indicated by the course numbering system (1000 level through 4000 level, respectively). The lower-level courses taken in the freshman and sophomore years provide a foundation of general education on which the junior and senior years are based.

Sequencing requirements for all students and specifically for B.B.A. students follow. Students who violate any of the course sequencing requirements are subject to disenrollment by the college regardless of performance or time lapse and will be allowed a tuition refund in accordance with the university's refund schedule.

7020.60 Sequencing for All Students Enrolled in RCB Courses

Students may not register for any 3000/4000-level course taught by the Robinson College of Business until they have earned at least 45 semester hours of college-level credit.

7020.80 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 Information Systems*
- BUSA 2106 The Legal and Ethical 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 Marketing Management

*Actuarial Science majors must take MATH 4751 in lieu of MGS 3100 to satisfy the junior core.

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
- Entrepreneurship
- 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, AS 4360 and RMI 4035 must be taken as the RCB electives for actuarial science majors.

Major requiring nine semester hours of RCB electives: Accounting, Actuarial Science**, Computer Information Systems****, Economics, Finance***, Hospitality Administration****, Managerial Sciences, Marketing, Real Estate, Risk Management and Insurance.

These electives must be selected from 3000/4000-level courses in the Robinson College of Business that are

outside the student's major and are not cross-listed with courses in the student's major. Majors other than economics may also select from the 3000/4000-level courses in the Department of Economics in the Andrew Young School of Policy Studies. Refer to the online course listing at www.gosolar.gsu.edu/webforstudent.htm to determine the Georgia state college that teaches a course. Do not refer only to the course title. For example, course titles with the words "business," "management," or "administration" in them are not necessarily RCB courses.

A cross-listed course is indicated by the parenthetical statement "Same as . . ." after the title in the course descriptions.

Junior/Senior Electives Outside RCB. These electives must be selected from the 3000/4000-level courses taught by Georgia State colleges other than the Robinson College of Business. These electives enable the B.B.A. program to meet the breath requirement of the college's accrediting body and cannot be taken in the Robinson College. Economics majors may not choose any economics courses for these electives.

Exceptions to the requirement that non-RCB electives be 3000- or 4000-level courses: Math 1070, 1111, 2211, 2212, 2215, and 2420 may be taken to satisfy all or part of the non-RCB elective requirement if the student will still have a minimum of 39 upper-level semester hours to complete at Georgia State. This provision ensures that the student will meet the university's academic residence requirement.

For the following two specific majors, these required 2000-level mathematics courses may be used to satisfy part of the non-RCB elective requirement:

Actuarial Science: Mathematics 2211, Mathematics 2212, and Mathematics 2215 (grade of C- or higher required in Math 2215). These courses carry four semester hours of credit each. If the student's mathematics background permits beginning this calculus sequence in Core Area A or D (in place of college algebra and/or precalculus), three-semester-hour courses that meet the requirements for non-RCB electives will replace Mathematics 2211 and/or Mathematics 2212. Thus, this portion of the curriculum can range from 10 to 12 semester hours.

Business Policy. (Minimum of grade of C- or higher is required in this course.)

BUSA 4980 Strategic Management Policy. Minimum of grade of C- or higher is required in this course. Students must take BUSA 4990 concurrently. Prerequisites for both BUSA 4980 and BUSA 4990 are completion of all of the following with a grade of C- or better: All courses in Core Area F: Business Foundations, the Junior Business Core as listed in this section above, BCOM 3950, and three upper-level major courses.

BUSA 4980 Strategic Management Policy

* Students who transfer from other institutions in the University System of Georgia and have taken other approved courses in the Core Area F for business will take CIS 2010 and/or BUSA 2106, as appropriate, in the Junior/Senior RCB electives section.

** Actuarial Science majors must take AS 4360 and RMI 4035 as the RCB electives.

** Finance majors must take ACCT 4210 as one of the RCB electives. The finance major requires an additional three semester hours that are either an RCB elective or a 4000-level finance course.

***Hospitality majors must take all RCB electives (9 credit hours) in hospitality to support the development of industry specialization(s)

****CIS majors must take CIS 3260 as one of their RCB electives. They can take additional CIS courses to count toward the remaining 6 credit hours required for RCB electives.

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

Delta Student Success Center
55 Park Place, NE
Suite 1201
404-413-7115, Fax: 404-413-7119
robinson.gsu.edu/undergraduate/contact-us/

M. Colleen Joyce, Director
Joyce A. Cox, Assistant Director
Carmen Owens, Senior Academic Advisor
Isaiah Cohn, Senior Academic Advisor
Kim Bagneris, Senior Academic Advisor
Vanessa Jones, Senior Academic Advisor

Students should regularly consult the website for updates and changes to the B.B.A. program and college regulations that occur after publication of this catalog and for other notices of interest to undergraduate students.

The Robinson College of Business provides the Office of Undergraduate Academic Assistance for the benefit of its students.

Mission: This office supports the college's mission of and commitment to academic excellence by assisting enrolled students in the development of meaningful educational plans that are compatible with their life goals. The office helps undergraduate students become knowledgeable about academic programs, pertinent regulations, and services available throughout the university.

Areas of responsibility: To support the undergraduate aspects of its mission, the Office of Undergraduate Academic Assistance and the University Advisement Center work with B.B.A. students in these areas:

- to provide programs of study for each major offered by the college
- to indicate to transfer students the specific credits for work done at other institutions which can be applied toward the BBA degree
- to assist students in course selections and schedule revisions each semester;
- to explain catalog regulations;
- to administer policies for the college and the university;
- to refer students to other sources of help in the university.

Students advised by the Office of Undergraduate Academic Advisement are seen by appointment except during walk-in times that are provided for brief questions that can be resolved in ten or fewer minutes. Walk-in advisement is 10 a.m. – 11 a.m. on Monday, Wednesday and Friday and 2 p.m. – 3 p.m. on Tuesday and Thursday. Additional walk-in hours are available during some phases of registration. Contact the Office of Undergraduate Academic Assistance for dates and times. Appointment hours are 8:30 a.m. – 4 p.m. on Monday, Tuesday, Wednesday, and Friday and 8:30 a.m. – 1 p.m. on Thursday.

7040.10 Advisement

To ensure orderly progression through the degree program, students are urged to keep their catalogs and evaluations of credits readily available and to refer to them frequently as they schedule courses each semester. Students' familiarity with their degree requirements is the foundation for advisement provided by the college.

B.B.A. students can be advised by academic advisers in the Office of Undergraduate Academic Assistance and the University Advisement Center as described in the preceding section. Advisement from these offices is not mandatory for the B.B.A. program, but the college encourages students with questions about their degree requirements or the academic regulations of the college or university to contact their adviser.

All students also may consult faculty members in the academic units of the college with questions about course content or for help in selecting major courses after reviewing the description of the major in the catalog. Students should contact the academic unit in advance to arrange a conference with a faculty adviser.

7045 Robinson Career Advancement Center

J. Mack Robinson College of Business
Delta Student Success Center
Career Advancement Center
55 Park Place, 12th Floor
404-413-7155
robinson.gsu.edu/cac/

The Robinson Career Advancement 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 out current students and alumni

Jason Aldrich, Ed.D, Assistant Dean Strategic Planning and Career Advancement
404-413-7156, jaldrich@gsu.edu
As a member of the Dean of the Robinson College of Business' leadership team, Jason provides leadership and oversight to the graduate and undergraduate career advancement centers and develops and maintains internal and external strategic partnerships.

Denise Holmes, M.S., Director Undergraduate Career Advancement Center
404-413-7169, dholmes17@gsu.edu
Undergraduate Career Advancement Programming; Undergraduate Recruiting liaison; Career EXPO (fall and spring)

Sharry Conroy, Associate Director, Undergraduate Career Management
404-413-7160, sconroy2@gsu.edu
Program Manager for Panthers on Wall Street, Panthers in the Valley and Panthers in Washington signature programs.

Brent Winner, Assistant Director, Employer Relations
404-413-7157, bwinner@gsu.edu
Functions as liaison for employers between undergraduate and graduate areas. Serves as the point of contact for the technical infrastructure.

Marielle Thomas, Specialist- Career & Employer Relations, Undergraduate
mthomas125@gsu.edu
All undergraduate recruitment events. Fall and Spring Career EXPO; Interview Days/Schedules; Information Sessions; Resume Books and Handshake Employment Postings.

La'Kesha Hughes, Senior Career Counselor, Undergraduate
404-413-7161, lhughes@gsu.edu
Serves students pursuing degrees in the following areas of study: Actuarial Science, Hospitality, Marketing, Managerial Sciences and Risk Management and Insurance. Assists students with career exploration and development, including but not limited to, resumes, interviewing skills, offer negotiation, CareerLeader assessments, and job search. Also serves as a BCOM 3950 Lab Instructor.

Ben Harris, Career Counselor, Undergraduate
404-413-7164, bharris55@gsu.edu

Serves students pursuing degrees in the following areas of study: Accounting, Business Economics, CIS, Finance and Real Estate. Assists students with career exploration and development, including but not limited to, resumes, interviewing skills, offer negotiation, CareerLeader assessments, and job search. Also serves as a BCOM 3950 Lab Instructor.

Mission

The mission of the Robinson Career Advancement Center 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.
- Handshake: Our online platform for connecting employers and students. Handshake is the place where students, employers and the Career Advancement Center come together. You will have access to over 2000 internship, co-op and career opportunities.
- We also offer a wealth of online resources. Contact your Career Counselor for information and access codes. Career EXPO's and networking events are sponsored to give students exposure to employers. These events offer an excellent opportunity to make personal contact and gather information concerning specific companies, internship programs, staffing needs and industry trends.

7050 Student Complaints, Petitions for Policy Waivers and Variances, and Appeals

The appeals procedure for students in the J. Mack Robinson College of Business will follow different courses depending on the nature of the student's appeal. Please refer to University Information Section 1050.80 under Polices and Disclosures in this catalog for details.

7060 College Honors Day

Each spring semester a College Honors Day is observed to recognize students in the Robinson College of Business for their academic excellence.

7070 Beta Gamma Sigma

Membership in Beta Gamma Sigma is the highest general scholastic honor a business student can receive at Georgia State University, and it is recognized as such throughout the academic and business communities. Nominations for membership in this national honorary business fraternity occur early in spring semester. Second-semester juniors who are in the upper seven percent of their class and seniors in the upper ten percent of their class are eligible for nomination.

7080 Business Learning Community

Robinson College of Business
Suite 1100
404-413-7555

Dr. Marta Szabo White, Director

The Robinson College of Business offers a special Business Learning Community (BLC) for sophomore students in the fall and spring semesters. The BLC builds on the successful model of the Freshman Learning Community, giving students an integrated business curriculum and providing them with an introduction to the many programs offered in the Robinson College of Business. (See the Freshman Learning Community heading in a later chapter of this catalog.) Enrollment in the BLC is on a first-come/first-serve basis and requires a minimum 3.00 Georgia State GPA.

Students who are not a declared major in the Robinson College may be interested in the BLC program as the basis for a business minor. For students who are undecided about their major but have an interest in business, the BLC is a good way to get exposure to some business disciplines with required courses in the B.B.A. program. One of the major benefits of the BLC program is that its structure allows students to take multiple classes with a group of classmates, providing opportunities to work and learn together. The classes in the learning community are limited to 40 students, providing opportunities for more interaction with professors.

The Business Learning Community consists of the following grouping of courses:

Fall Semester:

- ECON 2106 Principles of Microeconomics
- ACCT 2101 Principles of Accounting I
- CIS 2010 Introduction to Computer Based Information Systems
- Plus two additional three-hour courses of the student's choice.

Spring Semester:

- ECON 2105 Principles of Macroeconomics
- ACCT 2102 Principles of Accounting II
- BUSA 2106 Legal Environment of Business
- Plus two additional three-hour courses of the student's choice.

7090 Departments and Faculty

School of Accountancy

5th floor, Robinson College of Business Building,
404-413-7200
accountancy.robinson.gsu.edu

Galen R. Sevcik, Director
Faculty: Ashmore, Borthick, Cao, Clark, DeAngelis, Fenn, Lill, Majerczyk, Moon, Mullis, Nathan, Partridge, Ransopher, Sevcik, Smeal, Smith, Stevens, Tafkov, Zhou

Department of Computer Information Systems

9th floor, Robinson College of Business Building
404-413-7360
cis.robinson.gsu.edu

Bala Ramesh, Chair
Faculty: Aria, Baskerville, Battleson, Gimpel, Hsieh, Hong, Jabr, Keil, Maruping, Mathiassen, McLean, Oh, Rai, Ramesh, Robinson, Schmitz, Shim, Storey, Truex, Varshney, Xue, Zhdanov

Department of Economics

5th floor, Andrew Young School of Policy Studies
404-413-0141
aysps.gsu.edu/economics

Sally Wallace, Chair
Shelby Frost, Director of Undergraduate Studies
Undergraduate Program Advisors:
Shelby Frost (for students with last names A-I)
Paul Kagundu (for students with last names J – Q)
Glen Ross (for students with last names R – Z)

Entrepreneurship & Innovation Institute

55 Park Place, Suite 250
404-413-7910
eni.gsu.edu

Richard Welke, Director
Faculty: Graybeal, Jackson, Monlouis

Department of Finance

12th floor, Robinson College of Business Building

404-413-7310, Fax: 404-413-7312
finance.robinson.gsu.edu

Gerald D. Gay, Chair
Faculty: Agarwal, Ashraf, Aslan, Beard, Brown, Chen, D'Alessandro, Fendler, Gay, Godbey, Huang, Kadyrzhanova, Kini, Murray, Ruff, Ryan, Shi, Shrikhande, Yang, Yates

Institute of Health Administration

805 Robinson College of Business Building
404-413-7630
healthadmin.robinson.gsu.edu

Andrew T. Sumner, Director
Faculty: Baird, Cameron, Custer, Eaton, Ketsche, Montanera, Sumner

Cecil B. Day School of Hospitality Administration

210 Robinson College of Business Building
404-413-7615
hospitality.robinson.gsu.edu

Debra F. Cannon, Director
Faculty: Cannon, Boo, Kim, Poisson, Townsend

Institute for Insight

Buckhead Center: Tower Place 200, 3rd floor
404-413-7007
insight.gsu.edu

Yusen Xia, Director
Faculty: Aghasi, Cheng, Feizollahi, Mishra, Xia, Zhao

Institute of International Business

14th Floor, Robinson College of Business Building
404-413-7275
iib.robinson.gsu.edu

Daniel Bello, Director
Faculty: Bello, Boers, Bruce, Carrillo, Cavusgil, Dakhli, Doria, Gu, Liu, Loch, Nifadkar, Prime

Department of Managerial Sciences

10th floor, Robinson College of Business Building
404-413-7525

mgmt.robinson.gsu.edu

Pamela S. Barr, Chair
Faculty: Barr, Bogner, Bunch, Butler, Buysman, Byron, Conklin, Dionne, Duhaime, Forquer, Gu, Hartnell, Lambert, Lim, Liu, Matherne, Maurer, Miles, Nargundkar, O'Toole, Palladi, Roth, Samaddar, Vahidnia, Verhaal, Wallace, White, Zhang

Department of Marketing

13th floor, Robinson College of Business Building
404-413-7650
marketing.robinson.gsu.edu

Naveen Donthu, Chair
Bruce Pilling, Associate Chair
Faculty: Barksdale, Cobb-Walgren, Cosguner, Costello, Cross, Curasi, Dadzie, Donthu, Ellen, Eroglu, Guthrie, Johnston, Kumar, , Lohtia, Luo, Nelson, McGowan, Parker, Pilling, Rigdon, Saboo, Shah, Thornton, Umashankar, Verhage, Zhao

Department of Real Estate

14th floor, Robinson College of Business Building
404-413-7720
realestate.robinson.gsu.edu

Gerald D. Gay, Interim Chair
Faculty: Le, Wiley, Yao

Department of Risk Management and Insurance

11th floor, Robinson College of Business Building
404-413-7500
rmi.robinson.gsu.edu

Ajay Subramanian, Chair
Faculty: Akcin, Alexander, Bidian, Binder, del Valle, Green, Green, Grelecki, Harrison, Klein, Peivandi, Peng, Phillips, Sherman, Shore, Subramanian, Thielman, Varadarajan, Weston, Willey, Woodcock, Zanjani

7100 School of Accountancy

Programs Offered:

1. **B.B.A. in Accounting**

5th floor, Robinson College of Business Building,

404-413-7200

accountancy.robinson.gsu.edu

Course prefix: Acct

The undergraduate accounting program is designed to provide the foundation-level technical and analytical accounting knowledge and skills needed to become a professional in the accounting field and to pursue a fifth (graduate) year of accounting study. The primary emphasis of the program is preparation for students who wish to apply for admission to the Master of Professional Accountancy program. In addition, the program is designed to provide appropriate preparation for entry-level positions in business and for graduate study in law or other business fields. The B.B.A. in accounting focuses on broad business and accounting exposure based on a sound foundation of general education.

Accountants today are expected to participate extensively in the general area of business management. The profession of accountancy is becoming increasingly divergent, encompassing such areas as financial and operational auditing, operations research, information systems development and assurance, financial reporting, corporate tax planning, and cost analysis and control.

In recognition of the advisability of acquiring a broadly based education in liberal arts and general business subjects, as well as the necessity of a thorough foundation in the highly specialized and diversified fields of accounting, a person desiring a career in accounting is encouraged to complete the entire professional program of study leading to the Master of Professional Accountancy degree.

7100.10 Program Admission

There are no admission requirements specific to the Accounting program. However, Accounting students are required to meet all University and College admission requirements.

7100.20 Program Financial Information

There are no special fees associated with majoring in Accounting. However, Accounting majors must pay all tuition and fees charged by the University and the College.

7100.30 Program Academic Regulations

Minimum Grade Requirement to Satisfy Prerequisites to any Acct Course:

- A Minimum of Grade of C- is required to satisfy the prerequisites to any accounting course.
- Minimum Grade Requirement to enroll in ACCT 4111, and ACCT 4210: Students need a grade of B or higher in both ACCT 2101 and ACCT 2102, in order to enroll in ACCT 4111, and ACCT 4210.
- Required Major Courses (credit hours): ACCT 4111(3), ACCT 4112(3), ACCT 4113 (3), ACCT 4210(3), ACCT 4310(3), ACCT 4510(3), and ACCT 4610(3), for a total of 21 credit hours.
- Recommended Courses: PSYC 1101 or SOCI 1101 as the Core Area E social science electives; LGLS 4050 as an RCB elective; and PHIL 3730 as a non-RCB elective.

- Other Requirement: Transfer credit toward the accounting major courses may not be more than five years old at the time the student enrolls. Students who reenroll after an absence of more than two years may retain major credit only for course work that is less than five years old at the time of reenrollment; this includes Georgia State credit and transfer credit.

7100.40 Certified Public Accountant (CPA) Examination

Taking the Uniform Certified Public Accountant (CPA) examination in the state of Georgia: Beginning with the November 2003 administration of the Uniform CPA Examination, candidates may qualify to take the examination based on having earned a baccalaureate degree with a concentration in accounting. A concentration in accounting is defined as completion of 20 semester hours in accounting subjects above the principles level at a 4-year accredited college or university that offers a baccalaureate degree.

Obtaining a license to practice as a Certified Public Accountant (CPA) in the state of Georgia: A candidate must pass the CPA Exam and meet additional educational and work experience requirements, to obtain a license to practice as a CPA. Students must have completed no fewer than 150 semester hours of college credit, of which 30 semester hours have to be in accounting above the principles level and 24 semester hours in general business subjects. An applicant who meets the general, educational, and examination requirements will be issued a license to practice as a CPA upon presenting evidence that such applicant has attained two years, including 4,000 hours, of continuous experience in public accounting, under the supervision of a person licensed to practice public accounting, immediately preceding the date of application for the certificate. Five years, including 10,000 hours, of continuous employment in the accounting field in business or industry, under the supervision of a person licensed to practice public accounting, or in government or college teaching, may be accepted in lieu of the aforementioned experience requirement. Part-time experience is permitted if it is continuous.

Students may take the CPA Exam after obtaining their undergraduate degree in accounting from Georgia State University. However, the School of Accountancy recommends that students meet the licensing requirements of the law by being admitted to either the Master of Professional Accountancy or Master of Taxation degree programs after completing an undergraduate degree. Students who plan to enroll at the master's level should become aware of the admission requirements early in their undergraduate studies; a strong academic record and satisfactory scores on the Graduate Management Admission Test are important factors in master's-level admission.

7110 Department of Computer Information Systems

Programs Offered:

1. **B.B.A. in Computer Information Systems**
2. **Minor in Computer Information Systems**

9th floor, Robinson College of Business Building
404-413-7360

cis.robinson.gsu.edu

Bala Ramesh, 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, cybersecurity, 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. The Department of Computer Information Systems cooperates with the Department of Mathematics and Statistics in offering a concentration in computer information systems associated with the degree Bachelor of Science with a major in mathematics. This program is described under the offerings of the Department of Mathematics and Statistics in the "College of Arts and Sciences" chapter of this catalog.

7110.10 Program Admission

There are no admission requirements specific to the Computer Information Systems program. However, Computer Information Systems students are required to meet all University and College admission requirements.

7110.20 Program Financial Information

There are no special fees associated with majoring in Computer Information Systems. However, Computer Information Systems majors must pay all tuition and fees charged by the University and the College.

7110.30 Program Academic Regulations

Required Major Courses: All undergraduate CIS majors must complete CIS 3001 Managing Information Technology Projects, CIS 3260 Introduction to Programming, CIS 3300 Analyzing Business Systems (Systems Analysis), CIS 3730 Designing and Managing Data (Database Management), and either CIS 4970 Internship in an IT organization or CIS 4980 Practicing Real-World IT Skills. Majors must take three additional CIS courses. CIS majors who complete the Cooperative Education program can opt out of taking CIS 4970 or CIS 4980 and take any 3000-4000 level CIS course in its place. The requirement for CIS 3260 may be met with no credit hours awarded upon successful completion of approved online courses and exams in programming as directed by the CIS chair. CIS majors who exercise this CIS 3260 exam option must take an additional CIS course (for a total of four CIS courses beyond the other three required CIS courses) to complete the 24 credit hour requirement at the 3000 and 4000 level.

Required Sets of Electives: The CIS Department requires that students develop particular expertise in at least one Information Systems field as shown below.

- Data Analytics CIS 4920 & CIS 4730 & CIS 4930
- Process CIS 4190 & CIS 4120 & CIS 4140
- Development CIS 3270 & CIS 4280 & CIS 4850
- Cybersecurity CIS 4680 & CIS 4688 & CIS 4690
- IS Management CIS 4190 & CIS 4300 & CIS 4620

Additional information about individual courses appears at cis.robinson.gsu.edu/academic-programs/course-information/undergraduate-courses/.

Other Requirements: (1) Students may take CIS 4970 or CIS 4980 only after completion of all required 3000-level business core and CIS courses. In addition, CIS 4980 may only be taken after completion of 15 credit hours of CIS courses beyond CIS 2010. (2) Transfer credit toward the CIS major courses may not be more than five years old at the time the student enrolls. Students who re-enroll 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 re-enrollment; this includes Georgia State credit and transfer credit. (3) CIS students may use additional CIS courses to count toward the required 9 hours of RCB electives for the degree.

All CIS students must be proficient in the series of Computing Skills Prerequisites (CSP 1-8) listed in this catalog.

CIS Internship Program: The CIS department encourages internships for undergraduate CIS majors. For the overall internship process including identifying and getting approval for internships, please visit cis.robinson.gsu.edu/students/internship/.

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).

7110.40 Minor in Information Systems

The Information Systems 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 cis.robinson.gsu.edu/academic-programs/undergraduate-minor-in-cis/ for more information.

7120 Department of Economics

Programs Offered:

1. **B.B.A. in Business Economics**

5th floor, AYSPS Building
404-413-0141

Shiferaw Gurmu, Chair

Course Prefix: Econ

The Department of Economics is part of the Andrew Young School of Policy Studies. For economics faculty listing, see the Department of Economics heading in the "Andrew Young School of Policy Studies" chapter of this catalog.

Economics examines the material prosperity of countries and their citizens in an interdependent world of limited resources and technological change. In doing so, it studies how decisions are made by private businesses, governments, and households in producing, consuming, and distributing goods. In general, economics is concerned with how society can obtain the greatest output from its limited resources. Economics is also concerned with monetary arrangements and their impact upon purchasing power and economic performance.

Economic principles yield basic insights into the workings of the market system and the national and international environment within which business operates. These principles provide analysis that is fundamental to understanding the organization and decisions of the government, business, and financial sectors. Economics also develops criteria for assessing the performance of the market systems and of governments regarding their efficiency and their impact upon the well being of consumers and workers.

Recent graduates with majors in economics have accepted positions as financial analysts for a real-estate financing firm and a major bank and as general manager for a recording studio, as well as having been accepted to prominent graduate programs in law and economics.

7120.10 Program Admission

There are no admission requirements specific to the Economics program. However, Economics students are required to meet all University and College admission requirements.

7120.20 Program Financial Information

There are no special fees associated with majoring in Economics. However, Economics majors must pay all tuition and fees charged by the University and the College.

7120.30 Program Academic Regulations

Required Major Courses: Econ 3900, 3910, 4999, and four other 4000-level economics courses approved by a B.B.A. faculty adviser. Econ 3900 and 3910 provide theoretical background for 4000-level courses and should be taken as soon as possible. Econ 4999 is only offered during the Fall and Spring semester of the academic year. The pre-requisites for Econ 4999 are Econ 3900, Econ 3910, and two 4000-level economics courses with a grade of C or better. Students are to plan accordingly with regard to the course pre-requisites and graduation.

Advisement for Major Courses: Economics majors must contact a faculty adviser in the department to discuss their selection of major courses. See economics.gsu.edu for more information about economics advisement.

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
finance.robinson.gsu.edu

Gerald D. Gay, Chairman

Course Prefix: Fi

The goal of the undergraduate finance program is to prepare graduates to succeed in entry-level positions in finance and elsewhere in business. Careers in finance are available in nearly every organization ranging from the small entrepreneurial firm to the large corporate organization as well as in the financial services industry including commercial and investment banking, investment management, insurance organizations and securities firms. Students completing the finance program will possess a number of proficiencies including a strong technical knowledge of finance, the ability to critically analyze and solve problems associated with the financial operations of a firm, and to prepare and present business reports of a financial perspective.

7130.10 Program Admission

There are no admission requirements specific to the Finance program. However, Finance students are required to meet all University and College admission requirements.

7130.20 Program Financial Information

There are no special fees associated with majoring in Finance. However, Finance majors must pay all tuition and fees charged by the University and the College.

7130.30 Program Academic Regulations

Notice to all Finance and pre-Finance students: A minimum of a B- in FI 3300 is required to take any 4000 level Finance course. Undergraduate BBA students intending to pursue a major in Finance will be limited to two attempts to earn a grade of B- or better in FI 3300.
Note to all students: A minimum grade of C- is required to satisfy the prerequisites to any finance course.

Required Major Courses: FI 4000 (six semester hours), FI 4020, and three additional 4000-level finance courses. See the recommended sequence below.

Recommended Sequence: The Department of Finance encourages all students pursuing a major in finance to take FI 4000 and FI 4020 early in their program of study. FI 4000 is a prerequisite to all 4000-level finance courses except FI 4020. Students may take FI 4000 and FI 4020 in any order or concurrently.

The following sets of electives in the major are suggested for those students who wish to develop particular expertise in various fields of finance. These are simply suggestions.

- Corporate: FI 4300, FI 4320, FI 4200, or FI 4040, or FI 4080.
- Financial Institutions: FI 4400, FI 4420, FI 4200 or FI 4040 or FI 4080.
- Investment Management: FI 4200, FI 4210, FI 4240, FI 4260 or FI 4080.
- **Other Required Course:** ACCT 4210 must be taken in place of one course in the Robinson College of Business electives portion of the program.
- **Other elective option:** One three-semester-hour elective can be chosen from the 4000-level finance courses or from the other 3000/4000-level courses taught by the Robinson College of Business.
- **Suggested electives:** RE 4150, and RE 4160 are suggested as RCB electives.

Honors Track in Finance

The Department of Finance also offers a two-semester, 18 credit hour Honors Track in Finance designed to provide Robinson's most accomplished undergraduate finance majors with a deeper understanding of the discipline, a distinguished skill set, and a strategic advantage throughout their careers. For additional information, please see the Honor's track website
at finance.robinson.gsu.edu/academic-programs/bba/honors/.

7140 Institute of Health Administration

805 Robinson College of Business Building
404-413-7630

Andrew T. Sumner, Director

Course Prefix: HA

Healthcare represents the largest single sector of the economy, and many students will ultimately assume professional roles in fields that interact with healthcare in some manner. Health administration careers are available in many businesses and healthcare 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 healthcare 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 healthcare system, particularly those considering careers related to healthcare such as physicians, nurses, or other providers. Specifically, HA 3900, Introduction to the U.S. Healthcare System, which offers introduction to the organization of healthcare delivery in the U.S., HA 3910, Health Policy in the United States, which examines how healthcare 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 healthcare and business throughout the nation.

7150 Honors Program

Robinson College of Business
Delta Student Success Center
Signature Programs Office
55 Park Place, NE
Suite 1226
or
35 Broad Street
Suite 1001
404-413-7555

robinson.gsu.edu/programs/undergraduate-programs/honors-program/

Dr. Marta Szabo White, Director

Purpose

The Honors Program provides a cohort learning experience for top undergraduate Robinson College of Business (RCB) majors who strive to excel academically and accept the challenge of becoming strong, exemplary global business leaders. Honors classes are required for the junior business core courses, junior communications course, RCB (2) electives, and Business Policy (capstone). A total of 27 hours of honors classes must be taken to graduate with RCB honors. The RCB Mentoring program is the cornerstone of the college's longest running signature program, where honors students are paired with experienced professionals who share their expertise and guidance through individual mentoring sessions. Students are also strongly encouraged to participate in a study abroad program. In addition, at least one professional/social event for the RCB Honors students will be offered each semester. Honors students will also have the opportunity to network with Atlanta business professionals by serving as RCB student ambassadors at both the RCB Hall of Fame dinner and RCB Alumni Awards program. The RCB Honors Program presents students with a forum for unique opportunities, special recognitions and enhanced career prospects, while enriching the quality of their education.

Admission

Full-time students majoring in business who have completed at least 45 hours with a Georgia State grade point average of 3.5, or junior transfers who have a transfer GPA of 3.5 are invited to apply. Applications should be submitted prior to starting any junior-level courses. An interview with the faculty director of the RCB Honors Program is required for admission into the program.

Scholastic Standards

Students must maintain a 3.5 grade point average (GPA) in order to remain in the honors program. A student whose GPA falls below 3.5 will be given one academic semester (fall, spring or summer) in which to attain a 3.5 GPA again.

Honors Recognition

Students who successfully complete the RCB Honors program will receive special recognition in the commencement program, on their transcript and their diploma will be distinguished with an honors seal. In addition, RCB honors students will be recognized at the RCB Honors/Awards program.

7160 Cecil B. Day School of Hospitality Administration

Programs Offered:

1. **B.B.A. in Hospitality Administration**
2. **Minor in Hospitality Administration**
3. Certificates in Hospitality Administration
4. **The Regynald G. Washington Masters in Global Hospitality Management**

220 Robinson College of Business Building
404-413-7615

hospitality.robinson.gsu.edu

Debra F. Cannon, Director

Course Prefix: HADM

The mission of the Cecil B. Day School of Hospitality Administration is to develop hospitality leaders in a global society.

The primary goal is to provide a well-integrated curriculum incorporating courses in the arts, sciences, general business theory, and hospitality applications that will prepare our students for management and leadership positions in the hospitality industry.

The Cecil B. Day School of Hospitality Administration was named in honor of the late founder of the Days Inn Hotel chain. Cecil B. Day is remembered as an astute businessman who developed Days Inn to national prominence. He was equally respected because he gave freely of his time and wealth to worthy organizations. His legacy of excellence is the foundation upon which the program bases its philosophy for preparing future generations of hospitality executives.

The Cecil B. Day School of Hospitality Administration prepares its graduates for management careers in numerous hospitality industry segments including: hotels and lodging, resorts, restaurants, private clubs, food service, tourism, event planning, meeting planning, festivals, trade shows and airline and airport management. Graduates are awarded a bachelor of business administration degree with a major in hospitality administration.

Students majoring in hospitality administration will take 21 semester hours of required hospitality courses and 9semester hours of elective hospitality courses. These core courses will give the student a general knowledge of all segments of the hospitality industry. Specialized elective courses and industry field study allow students to gain additional insight regarding specific industry segments.

The school has the support of local, regional, and national hospitality executives. Georgia State University was the first institution of higher education to offer specialized courses in trade show management. The school was chosen in 1986 by the Club Managers Association of America to develop, produce, and direct their Business Management Institute for certification of club managers across the United States and this program continues today. The School of Hospitality works closely with leading professional associations such as the Georgia Hotel and Lodging Association and the Georgia Restaurant Association. Student organizations are tied to these professional organizations and offer excellent leadership opportunities for students interested in the hospitality field. The School of Hospitality has student chapters of the American Hotel and Lodging Association, the Club Managers Association of America, the International Association of Events and Expositions and the National Society of Minorities in Hospitality as well as the student club, Georgia Restaurant Organization (GRO). Eta Sigma Delta International Hospitality Management Honor Society is available for hospitality majors excelling academically.

The program was accredited in 1992 by the Accreditation Commission on Programs in Hospitality Administration, a specialized accrediting body and reaccredited in 2000, 2007 and 2015. The program is an institutional member of the International Council on Hotel, Restaurant and Institutional Education, the principle academic and professional association for hospitality education programs.

The School of Hospitality has unique state-of-the-art facilities. The School's Hospitality Learning Center is the first dedicated classroom in the nation located within a major convention center, the Georgia World Congress Center. The School's Culinary Learning Center features a new food production kitchen lab.

The faculty of the program call upon practitioners to lecture on specialized industry topics. Industry managers and executives work with faculty and college administration to maintain a program relevant to industry needs. The school offers scholarships which are awarded annually.

7160.10 Program Admission

There are no admission requirements specific to the Hospitality Administration program. However, Hospitality Administration students are required to meet all University and College admission requirements.

7160.20 Program Financial Information

There are no special fees associated with majoring in Hospitality Administration. However, Hospitality Administration majors must pay all tuition and fees charged by the University and the College.

7160.30 Program Academic Regulations

Required Major Courses: HADM 3010, HADM 3401, HADM 3402, HADM 3720, HADM 3750, HADM 3760, HADM 4100, HADM 4800.

Robinson College of Business (RCB) Electives: As an exception to normal degree requirements, hospitality majors are required to select RCB electives from courses in the hospitality major. This exception is provided to fulfill the requirements of the hospitality administration accrediting body that hospitality majors specialize in more than one area of the discipline.

Faculty Advisement: All new hospitality administration majors are invited to initially contact the department. The school offers orientation materials at the beginning of each semester for new hospitality majors. Majors should call the school office a t404-413-7615 to schedule appointments.

Industry Field Study Requirement: All students majoring in hospitality administration must have practical industry experience in order to be approved for graduation. Each student is given the opportunity to apply career objectives and gain exposure to the work environment as it actually exists in the hospitality industry. This experience assists in developing professional work habits, provides for a smooth transition into full-time employment, helps develop self-confidence, and provides exposure to the different components of the hospitality industry. Students who have full-time jobs in non-hospitality 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 non-hospitality majors. Admission to the CHAD program is subject to the minimum Georgia State cumulative GPA required for entrance into RCB upper-level classes. Obtaining the Certificate of Hospitality Administration is based on completion of at least four stipulated undergraduate hospitality courses with a combined GPA of 3.0 for these courses.

The certificate option is available for undergraduate, graduate, and postbaccalaureate students who are not current hospitality majors. Certificates are awarded by the Cecil B. Day School of Hospitality Administration to undergraduate and graduate students upon graduation from Georgia State University. For postbaccalaureate students, the certificates are awarded upon completion of the four courses with a cumulative GPA of 3.0.

This certificate focuses on operational aspects of hotels, restaurants, private clubs; meeting, special-event, and trade show management; and managerial functional areas in hospitality such as human resources, marketing, law, and financial analysis.

Specialization options within the certificate program are available. These specialty areas include hospitality operations, aviation management, culinary management, event management and meeting and tradeshow management. Please visit the School's website (hospitality.robinson.gsu.edu) to find out about specific requirements for each type of certificate.

Certificate Applications and Fees. Interested students should apply for the certificate program through the School of Hospitality Administration. There are no additional fees required for the Certificate in Hospitality Administration.

7170 Institute of International Business

14th Floor, Robinson College of Business Building
404-413-7275

Daniel Bello, Director

The explosion of technological advances coupled with the rapid expansion of world trade means that business managers function in an economic environment where a local decision can have implications around the world almost immediately. An understanding of the global aspects of business is vital to success in today's world.

Any BBA major or undergraduate Georgia State student may obtain a minor in international business. The institute offers several upper-level electives that can enhance the program of any student. IB 3090, International Business Operations; IB 4020, International Trade Management; IB 4030, China & International Business; IB 4040, Doing Business in World Regions; IB 4080, Legal Issues in International

Business, IB 4100, Introduction to International Entrepreneurship and IB 4410, Study Abroad: select from a variety of international destinations. Other internationally-oriented courses may count toward the minor such as foreign languages or course work with an international focus (contact the Institute). The Institute of International Business participates in the undergraduate program in several other 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.

Minor in International Business

The minor in International Business, open to all Georgia State University undergraduates, is designed to increase students' knowledge and develop the necessary skills in order to function effectively in today's dynamic global environment. Students who are seeking opportunities with a firm that has existing international operations, or one that plans to internationalize and/or expand its global footprint, will benefit from completing their major area concentration with a minor in international business. Hands-on experiences can be an integral part of the Minor in International Business. The Minor prepares students to extend functional area knowledge with internationally-oriented skills that will give a competitive edge in today's competitive job market. For additional information about the minor, please consult the website: iib.robinson.gsu.edu/academic-programs/minor/

Study Abroad Programs

The Institute promotes international learning experiences through a strong portfolio offering of study abroad programs. The study abroad programs range from two-to-three week intensive experiences to semester- and year-long programs. The programs span disciplines and geographic regions, affording students in all business disciplines the rich rewards of an international study experience. RCB currently offers programs in Argentina, Belgium, Brazil, China, France, Germany, Hungary/Czech Republic, Italy, South Africa, Turkey, and Switzerland. Semester- and/or year-long options are available in Germany, France, Mexico, and Italy. Other locations are possible through our partner institutions. Students must be in good standing with a minimum cumulative GPA of 3.0. Additional requirements vary by program. For individual program descriptions and application information, consult the Institute of International Business website at iib.robinson.gsu.edu/study-abroad/.

7180 Department of Managerial Sciences

Programs Offered:

1. **B.B.A. in Managerial Sciences**

10th floor, Robinson College of Business Building
404-413-7525

Pamela S. Barr, 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.

Human Resource Management*

- MGS 4320
- MGS 4360
- MGS 4390

Business Analysis*

- MGS 4020
- MGS 4110
- MGS 4140

Operations Management

- MGS 4730
- MGS 4740
- MGS 4760
- MGS 4770

*Students following one of these tracks would choose a fourth elective course (any course with a MGS prefix, including courses from the other three career tracks).

7190 Department of Marketing

Programs Offered:

- **B.B.A. in Marketing**
- **Minor in Marketing**
- **Certificate in Professional Sales**

13th floor, Robinson College of Business Building
404-413-7650
marketing.robinson.gsu.edu

Naveen Donthu, Chair
Bruce Pilling, Associate Chair

Course Prefix: MK

Marketing is an exciting, dynamic process through which customer needs and wants are determined and satisfied through the conception, development, promotion, exchange, and distribution of goods and services. The undergraduate program in marketing provides students with fundamental preparation in general marketing and an understanding of markets and customers, product development, pricing strategies, advertising and promotion, and methods of distribution. The program also develops the student's capacity to solve managerial problems in marketing and prepares men and women to enter careers in the field. A wide range of career opportunities is available to marketing graduates. Marketing management is often the path to the top of the business organization. Entry-level positions are available in selling, product development, advertising, promotion, physical distribution, industrial marketing, marketing research, customer service, and many other specialties. The challenges of marketing require men and women with creative ability, intelligence, and analytical skill that are prepared to fill an ever-increasing number of senior staff and executive positions.

7190.10 Program Admission

There are no admission requirements specific to the Marketing program. However, Marketing students are required to meet all University and College admission requirements.

7190.20 Program Financial Information

There are no special fees associated with majoring in Marketing. However, Marketing majors must pay all tuition and fees charged by the University and the College.

7190.25 Program Academic Regulations

Required Major Courses: MK 4010, MK 4100, MK 4200, MK 4900 and three additional 4000-level courses in marketing. MK 3010 (required for all BBA students) is not included in the 21 hour course requirement for the marketing major.

Recommended Sequence: Take MK 4100 as early as possible. MK 4900 should be taken during the last semester of the senior year.

The following sets of major courses are suggested by the faculty for those students who wish to specialize in various fields. These are simply suggestions:

- Sales: MK 4330, MK 4331, MK 4340
- Retailing: MK 4400, MK 4420, MK 4510
- Marketing Management: MK 4620, MK 4400, MK 4300
- Advertising: MK 4300, MK 4305, MK 4310
- Digital Marketing: MK 4305, MK 4720, MK 4300
- Marketing for Small Businesses: MK 4620, MK 4800, MK 4510

All students pursuing a minor in Marketing must maintain a 2.5 or higher GPA. Students must have 45 hours of college credit before enrolling for upper-level Marketing courses. Students seeking a minor in Marketing should consult the recommended sets of MK courses for Marketing majors, according to their individual interests.

7190.30 Minor in Marketing

Students seeking a minor in Marketing must complete 15 hours in upper-level MK-prefixed courses. A minor in Marketing must include MK 3010 (Basic Marketing) and MK 4100 (Buyer Behavior). Students must take ECON 2106 (Principles of Microeconomics) as a prerequisite for MK 3010, but the course may also be used to partially satisfy Area E requirements. Students pursuing a BBA with a minor in Marketing must take BCOM 3950 as a co-requisite for MK 4100 and a prerequisite for other 4000-level MK courses. Non-business majors may substitute one of the following courses, or a comparable upper-level course that emphasizes effective oral / written communication, for BCOM 3950:

- ENGL 3130 Business Writing
- [SPCH 3010] Advanced Public Speaking
- [SPCH 3210] Business and Professional Communication
- JOUR 3500 Public Relations

All students pursuing a minor in Marketing must maintain a 2.5 or higher GPA, and must earn a grade of C- or better in all courses counting toward the major. Students must have 45 hours of college credit before enrolling for upper-level Marketing courses.

7190.35 Certificate in Professional Sales

Personal selling plays a critical role in the successful implementation of the marketing plan. Sales careers are attractive because of the nature of the personal selling process. Successful salespeople create value for customers by effective problem solving to meet customer needs. Salespeople enjoy significant flexibility and autonomy in their jobs and must develop a broad range of skills to succeed and to develop and maintain long-term customer relationships. Business students can pursue a wide variety of sales positions in both business -to-business and consumer sales. Selling is a dynamic field that is adopting new technologies to better meet customer needs. A sales career is characterized by significant earning potential and timely

performance feedback. In short the salesperson plays a significant role in the implementation of the marketing plan and is a critical link between the firm and the customer. Selling is a dynamic career that provides significant job satisfaction, earning potential and opportunities for advancement.

The Benefits of Receiving a Certificate in Professional Sales

The Undergraduate Certificate in Professional Sales is designed to provide you with a solid foundation in the fundamental skills of selling. During the program you will receive knowledge and skill development to help you be successful in actual sales situations. The teaching approach provides hands-on experience in presentations, sales scenarios and collegiate sales contests. The instructors are prominent research faculty in the science and art of selling and are also successful practitioners with real world experience. The faculty and staff of the program also work with the business community to help identify potential job opportunities.

Required Sales Courses

- MK 4330 Principles of Professional Selling
- MK 4340 Sales Management

Recommended Courses

- MGS 4430 Negotiation
- MK 4331 Key Sales Accounts

Application Process

1. Contact Dr. Bruce Pilling at bpilling@gsu.edu to express your interest in the certificate program
2. Meet with Dr Pilling to discuss the program, to assess your fit and to map out your course work

Program Requirements

1. Receive approval from Dr. Pilling for your proposed coursework.
2. Achieve an average GPA on 3.0 or higher across the four courses making up the certificate
3. Complete each course in the certificate with a grade of B- or higher

7190.40 Business Communication Programs

Jan Costello, 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 communic33ation requirements of business students at Georgia State University.

7200 Department of Real Estate

Programs Offered:

- **B.B.A. in Real Estate**
- **Minor in Real Estate**

14th floor, Robinson College of Business Building
404-413-7720
realestate.robinson.gsu.edu

Gerald D. Gay, Interim Chair

Course Prefix: RE

Individuals who deal in land assets, as investors, brokers, appraisers, analysts, financiers, or developers, require substantial awareness of the community's political and economic characteristics plus a thorough knowledge of the economics involved in each investment situation. The curriculum in real estate is designed to provide the student with an understanding of (1) the various phases of real estate activity, (2) the economic and social services relating to land use that are performed by individuals and institutions, and (3) the forms of business and professional services necessary to support real estate activity.

7200.10 Program Admission

There are no admission requirements specific to the Real Estate program. However, Real Estate students are required to meet all University and College admission requirements.

7200.20 Program Financial Information

There are no special fees associated with majoring in Real Estate. However, Real Estate majors must pay all tuition and fees charged by the University and the College.

7200.30 Program Academic Regulations

Required Major Courses: RE 3010, RE 4050, RE 4150, RE 4160, and three additional 4000-level courses in real estate.

7200.40 Minor in Real Estate

Students seeking a minor in Real Estate must complete 15 hours in Real Estate: RE 3010, RE 4050, RE 4150, and two Real Estate-prefix elective course. All students pursuing a minor in Real Estate must maintain a 2.5 or higher GPA in the minor, and must earn a grade of C- or better in all courses counting toward the minor. Prerequisites for courses are required unless consent of the instructor is given. Students must have 45 hours of college credit before enrolling in Real Estate courses.

7210 Department of Risk Management and Insurance

Programs Offered:

- **B.B.A. in Actuarial Science**
- **Minor in Actuarial Science**
- **B.B.A. in Risk Management and Insurance (Insurance Track and Quantitative Risk Management Track)**
- **Minor in Risk Management and Insurance**

11th floor, Robinson College of Business Building
404-413-7500
rmi.robinson.gsu.edu

Ajay Subramanian, 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

Anthony Green, Faculty Advisor

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 4320, AS 4340, AS 4350

Other Required Courses: MATH 2212, MATH 2215, as well as MATH 4752 or ECON 4950 must be taken in place of the non-RCB electives. For students with appropriate mathematics background, MATH 2211 should be taken in core area A in place of MATH 1111 (college algebra) or in place of MATH 1113 (precalculus) in core Area D. Students who make one or both of these substitutions will choose one or two non-RCB electives, as appropriate. MATH 4751 should be taken in place of MGS 3100 in the junior business core. MATH 2215 must be completed with a grade of C or higher.

MATH 2215 must be completed with a grade of C- or higher.

RMI 3750 and any4000 level RMI course must be taken in place of RCB electives; grades of C- or higher are required.

It is highly recommended that new actuarial science majors consult with their major adviser at their earliest convenience so that an efficient program can be constructed in accordance with the unique nature of the actuarial science major and course scheduling requirements.

7230 Legal Studies

Course Prefix: LGLS

The Legal Studies Courses offered through the Department of Risk Management and Insurance afford a base for scholarship and teaching at the intersection of law and business. Legal Studies courses provide non-professional legal education open to business students in both the J. Mack Robinson College Business and those in the broader university community.

Students can receive a minor in the BBA-RMI program that emphasizes legal transactions and risk. Doing so provides non-major students the opportunity to examine legal approaches to the management of risk

exposures in corporate and personal settings. All business majors may find the minor attractive but specific majors that should find the minor especially attractive include accounting and managerial sciences, economics, political science and pre-law students,

The Legal Studies course offerings are among the most popular at the undergraduate level in the college.

BUSA 2106 Legal Environment of Business

This course provides the business student with a study of the interrelationship of law, ethics, and business.

LGLS 3020 Introduction to the Law

This course is an introduction to the law, a multifaceted and broad discipline which affects every aspect of our society. The course provides an overview of the legal system and legal analytical models.

LGLS 4030 The Legal Process

The course gives students a better understanding of the legal process, the role of the primary actors in the process, how they think and act, and why.

LGLS 4050 Legal Transactions and Risk

This course examines legal transactions in the corporate environment and provides a conceptual framework for examining contracts and other transactions to enable students to minimize and/or allocate risk to produce more legal certainty in business.

LGLS 4060 Internet Law

This course examines how the U.S. legal system is evolving to accommodate the Internet's impact on business practices, society and values. The course covers a wide range of Internet-related legal issues including technology and the law, court jurisdiction over Internet-related business activities, intellectual property, e-commerce, taxation of Internet sales, privacy in cyberspace, on-line defamation, information security, cyber-crimes, and government regulation of Internet services (cross-listed as ENI 4060: Technology Law for Entrepreneurs)

LGLS 4080 Legal Issues in International Business

This course covers all types of international business transactions–import/export, distributorships, technology transfers, and foreign direct investment–as well as the international regulation of trade and international dispute resolution. Students will learn practical strategies for negotiating international contracts, working with overseas agents and partners, protecting intellectual property rights and managing cross-cultural, commercial, political and other concerns in international transactions (cross-listed as IB 4080)

Students interested in Legal Studies and Risk may also want to consider:

RMI 4025 Law, Policy and Risk Regulation

This course students the ways in which federal; and state governments in the United States insure risks faced by businesses, workers, consumers and others. Government sponsored insurance regimes that may be considered include: limited liability, paper money, banking reserve requirements, bankruptcy, worker's compensation, unemployment insurance, Social Security, product liability, environmental liability, federal disaster relief, insurer guarantee funds, the credit card fraud liability cap and rules governing international currency rates.

7240 Risk Management and Insurance

Harold Weston, Adviser

Course Prefix: RMI

The program in risk management and insurance strives to prepare qualified and motivated students for positions of leadership and responsibility in risk management, insurance, and other financial services businesses and in general business and government. The Bachelor of Business Administration in Risk Management and Insurance challenges the student both quantitatively and qualitatively as it emphasizes critical thinking for decision making under uncertainty. Qualified students can find excellent opportunities for creative work, professional recognition, financial reward, and public service within this degree program.

The major has two tracks of study. The first track is for those who desire to work in the insurance industry or in risk management in general. The required courses introduce students to the business of insurance and risk management from a corporate perspective. Elective course can allow the student a degree of specialization in life insurance, property liability insurance, or risk management. Graduates of the risk management and insurance track find employment as brokers/agents providing professional risk management counseling and market placement services for clients, as consultants and personal financial planners, and in the underwriting, marketing, claims adjusting, planning, governmental relations, and financial management activities of insurers.

The second track is for those with an interest in risk analysis. This track is for those who are interested in the understanding how to model risk, how to assess risk, and how to communicate risk in a business or governmental setting. Students will take courses in risk modeling, legal risk analysis, regulation, economics, and policy. Graduates in the risk analysis track find a variety of career opportunities open to them as risk analysts within the risk management and insurance business, in other financial institutions, and in community and government agencies.

7240.10 Program Admission

There are no admission requirements specific to the Risk Management and Insurance program. However, Risk Management and Insurance students are required to meet all University and College admission requirements.

7240.20 Program Financial Information

There are no special fees associated with majoring in Risk Management and Insurance. However, Risk

Management and Insurance majors must pay all tuition and fees charged by the University and the College.

7240.30 Program Academic Regulations

Focus on Insurance Track Required Major Courses

- RMI 3500 Introduction to Risk Management and Insurance
- RMI 4020 Property-Liability Insurance
- RMI 4300 Risk Management
- RMI 4000 Personal Financial Planning
- RMI 4700 Insurance Operations

and pick one of the following:

RMI 4010, RMI 4015, RMI 4530, RMI 4391, RMI 4530, RMI 4025, FI 4020, LGLS 4050.

Students who lack broad knowledge of insurance principles, markets, and institutions are strongly encouraged to begin their course of studies with RMI 3500.

Focus on Quantitative Risk Management Track Major Courses

These courses should be taken in the following order, but please speak to the Departmental Advisor to obtain advise about sequencing.

- RMI 3750 Risk Modeling
- RMI 4150 Theory of Risk
- RMI 4005 Introduction to Risk Analytics and Applications
- RMI 4035 Financial Risk and Regulation
- FI 4000 Fundamentals of Valuation
- RMI 4045 Advanced Financial Risk Management
- RMI 4990 Risk Analysis Clinic

Other Required Courses for Risk Analysis Track: Math 1220 must be taken in place of the non-RCB electives. For students with appropriate mathematics background, MATH 1220 should be taken in core area A in place of MATH 1111 (college algebra) or in place of MATH 1113 (precalculus) in core Area D. Students who make one or both of these substitutions will choose one or two non-RCB electives, as appropriate. RMI 3750 must be completed with a grade of C or higher. ECON 4950 is a prerequisite to RMI 4050 and should be included as a Non-RCB elective.

It is **highly** recommended that new RMI majors with an interest in risk analysis consult with their major adviser at their earliest convenience so that an efficient program can be constructed in accordance with the unique nature of the track and course scheduling requirements.

If students cannot take the Risk Analysis Clinic due to timing or availability issues, the Departmental Advisor will suggest an acceptable substitute elective.

Obtaining a letter of completion for the Risk Analysis track is based on completion of all the recommended courses.

7250 Entrepreneurship and Innovation Institute

Programs Offered:

- Major in Entrepreneurship
- Minor in Entrepreneurship

Programs Supported

- B.I.S. in Media Entrepreneurship
- B.I.S. in Social Entrepreneurship
- B.I.S. in Biomed Enterprise

Suite 250, 55 Park Place
404-413-7910

Program Description and Objectives

Entrepreneurship is more than just starting your own business, it's a mindset-a way of thinking and acting. ENI develops business leaders who possess the knowledge, skills, and confidence to develop, scale, and deliver products, services, and solutions to real world problems. These skills and mindsets can be applied to a range of organizational contexts: a sole entrepreneurial startup, as key members of a founding team, or as an entrepreneurial member of a large organization.

Skilled entrepreneurs are the nucleus of the global economy since they create innovative products and services. Programs and courses offered by the entrepreneurship and innovation institute prepare students for the global economy. ENI students learn how to: identify and assess opportunities; develop concepts; assess and acquire resources to develop, launch, grow and harvest ventures.

Regardless of your primary area of study, acquiring entrepreneurial skillset will open a world of opportunities and help you achieve your full potential. ENI students learn the fundamental concepts and principals of entrepreneurship and innovation and how to implement best practices. In today's fast-paced, dynamic economy, employers value an entrepreneurial mindset in new hires across a wide range of jobs and industries. Furthermore, students with entrepreneurial skills are better prepared to successfully establish and grown their own business.

7250.10 Program Admission

Admission requirements are specific to each program offering of the Entrepreneurship and Innovation Institute (ENI). Students should refer to the related Program Admission section of the Catalog for the program (major, minor, concentration) they wish to enroll in. Additionally, (ENI) students are required to meet all College and University admission requirements.

7250.20 Program Financial Information

There are no special fees associated with the ENI program. However students taking ENI courses must pay all tuition and fees charged by the University.

7250.30 Program Requirements for Major in Entrepreneurship

The major in Entrepreneurship equips student with an entrepreneurial mindset of problem-solving, design-thinking, and team working skills to address customers' problems with effective solutions. From developing business models , conducting customer discovery, prototyping products, and pitching their business ideas- this program explores many angles of the entrepreneurial journey regardless of the industry.

7250.31 Required Courses for the Minor in Entrepreneurship (15 hours)

- ENI 3101 Entrepreneurial Thinking for Startups
- ENI 3102 The Startup Venture
- ENI 3103 Commercializing the Startup
- ENI 4100 Scaling a New Venture

and **three additional 4000 level Entrepreneurship courses** chosen from list below:

- ENI 4020 Business Law for Entrepreneurship
- ENI 4060 Technology Law for Entrepreneurship
- ENI 4100 Scaling a New Venture
- ENI 4201 Startup Incubation and Mentoring
- ENI 4389 Directed Readings in Entrepreneurship and Innovation
- ENI 4560 Small Business Management

7250.40 Program Requirements for Minor in Entrepreneurship

The entrepreneurship minor equips students pursing different degrees or areas of study with the skills they need to accelerate a career in their chosen field or to establish their own business. The focus of this program is startup entrepreneurship. Coursework addresses opportunity discovery, business model design, product and service design, scaling a new venture, business and technology law, among other things.

Program Requirements
Forty Five (45) credit hours, good academic standing with a minimum GSU GPA of a 2.0 and permission of an authorized advisor for this minor are required to declare a Minor in Entrepreneurship. Pre-requisites for specific courses within the minor are required unless consent of the instructor is given. Courses that count toward a student's major cannot also count toward this minor.
Satisfactory completion of the following courses is **suggested** prior to declaring this minor

- ACCT 2101 Principles of Accounting
- BUSA 2106 Legal Environment of Business
- ECON 2100 Global Economy
- ECON 2105 Principles of Macroeconomics

or

- ECON 2106 Principles of Microeconomics
- ENGL 2102 English Composition
- MATH 1070 Elementary Statistics
- SOCI 1160 Introduction to Social Problems

7250.41 Required Courses for the Minor in Entrepreneurship (15 hours)

Students pursuing the Minor in Entrepreneurship must take five (5) courses in one of the two sequences below;

Students graduating *with a degree not offered by the Robinson College of Business*; for example the Bachelor of Interdisciplinary Studies degrees:

- BUSA 3090 Survey of Business Principles for Non-Business Students
- ENI 3101 Entrepreneurial Thinking for Startups
- ENI 3102 The Startup Venture
- ENI 3103 Commercializing the Startup

and* one *course from the list of Minor in Entrepreneurship Electives below.

Students graduating with a degree offered by the Robinson College of Business, including dual degree students where one degree is from the Robinson College of Business:

- ENI 3101 Entrepreneurial Thinking for Startups
- ENI 3102 The Startup Venture
- ENI 3103 Commercializing the Startup

and **two courses** from the list of Minor in Entrepreneurship Electives below.

Minor in Entrepreneurship Electives

Note that these courses may have prerequisites that must be satisfied separately unless consent of the instructor is given.

- ENI 4020 Business Law for Entrepreneurship
- ENI 4060 Technology Law for Entrepreneurship
- ENI 4100 Scaling a New Venture
- ENI 4200 Startup Incubation and Mentoring
- ENI 4389 Directed Readings in Entrepreneurship and Innovation
- MGS 4430 Negotiation
- MGS 4560 Small Business Management
- MGS 4590 Entrepreneurship Field Study
- MK 3010 Marketing Management
- MK 4305 Social Media Marketing

- MK 4330 Principles of Professional Sales
- MK 4850 Marketing for Entrepreneurs

Other courses can be substituted by permission of the program advisor.

Process of Admission

Students wishing to declare a Minor in Entrepreneurship must file the proper paperwork with the Undergraduate Student Advisement Center or their College's Office of Academic Assistance. The student's advisor will determine the student's eligibility and process the paperwork accordingly.

7260 Graduate Programs Offered by the J. Mack Robinson College of Business

Georgia State University offers through the J. Mack Robinson College of Business graduate programs leading to the following degrees:

- **Doctor of Philosophy in Business Administration**
- **Master of Business Administration**
- **Master of Business Administration/Juris Doctor**
- **Master of Business Administration/Master of Health Administration**
- **Master of Actuarial Science**
- **Master of Science in Mathematical Risk Management**

- **Master of International Business**
- **Master of Global Hospitality Management**
- **Master of Professional Accountancy**
- **Master of Professional Accountancy/Juris Doctor**
- **Master of Science in Analytics**
- **Master of Science in Business Economics**

- **Master of Science in Managerial Science**
- **Master of Science in Marketing**
- **Master of Science in Health Administration**
- **Master of Science in Information Systems**
- **Master of Science in Information Systems Audit and Control**
- **Master of Science in Real Estate**
- **Master of Taxation**

Information concerning the programs leading to the graduate degrees is contained in the university's graduate catalog. Inquiries concerning masters' programs should be directed to the Office of Graduate Recruiting and Student Services of the J. Mack Robinson College of Business (605 RCB Building, 404-413-7167) at least six months in advance of the desired time of entry. Inquiries concerning the doctoral program should be directed to the Doctoral Program Office, 831 RCB Building, 404-413-7070.

The J. Mack Robinson College of Business also offers graduate certificate programs in accounting, enterprise risk management, information systems, brand and customer management and strategic sales leadership.

8000 School of Public Health

Undergraduate programs in the School of Public Health are described in detail in this chapter. See subsections for specific program information as well as policies and procedures.

About the School of Public Health

The School of Public Health (SPH) is a multi-disciplinary, research-based unit, drawing upon partnerships with community members and organizations, dedicated to the mission of advancing health through leadership, scholarship, research and service to better the human condition and promote the common good, especially for urban communities and for global populations. The School of Public Health achieves this mission by applying existing scholarship within Georgia State University to priority public health problems, particularly those that are aimed at reducing health disparities in urban settings. Training and research programs focus on both building the science base that underlies public health practice, as well as applying effective interventions that have been demonstrated to improve the public health. Academic and training efforts emphasize the basic prevention sciences (e.g., emerging infectious diseases, immunology, virology, bioinformatics, genomics, and geographic sciences), as well as applied public health efforts (e.g., chronic disease prevention, health promotion, environmental health, program evaluation, health policy, public health ethics and law, health communications, community-based participatory research, and global health).

School of Public Health Main Office

400 Urban Life Building
404-413-1130
publichealth.gsu.edu

Michael P. Eriksen, Dean
Rodney Lyn, Associate Dean for Academic Affairs and
Interim Director, Division of Health Management and Policy
Richard Rothenberg, Associate Dean for Research and Faculty Development
Frederic (Fred) Grant, Assistant Dean for Finance and Administration
Kim Ramsey-White, Director of Undergraduate Programs
Shannon Self-Brown, Doctoral Program Director
Ike Okosun, Interim Director, Division of Epidemiology and Biostatistics
Lisa Casanova, Interim Director, Division of Environmental Health
Daniel Whitaker, Interim Director, Division of Health Promotion and Behavior

Core Faculty

Armstrong-Mensah, Ashley, Baggett, Barger, Casanova, Chowell, Crimmins, Dube, Eriksen, Fang, Fuller, Graybill, Greenwald, Hayat, Heiman, Huang, Il'Yasova, Luo, Lutzker, Lyn, Magee, Masyn, McCool, Mobley, Okosun, Owen-Smith, Parker, Pavao, Pechacek, Popova, Pratt, Ramsey-White, Roach (joint faculty), Rothenberg, Salazar, Self-Brown, C. Smith, D. Smith, Spears, Stauber, Steward, Strasser, Swahn, Watson-Wright, Weaver, and Whitaker.

8000.10 Accreditation

In June 2016, The Council on Education for Public Health (CEPH) Board of Councilors accredited the SPH at Georgia State University. The school received a 'met' finding, the highest possible, on all criteria evaluated and the school's initial school-level accreditation is for a five-year term, extending through July 1, 2021.

The SPH Master of Public Health (MPH) program has been accredited by CEPH since 2007, and the School began the rigorous process to transition from its MPH program-level only accreditation to its new full school-level accreditation in 2013. This June 2016 CEPH decision to accredit Georgia State University at the school-level is the culmination of that three-year process that involved the efforts of faculty, staff, students, alumni, and community partners. CEPH is an independent agency recognized by the U.S. Department of Education to accredit schools of public health and public health programs outside schools of public health.

8000.20 Mission, Vision, Values and Goals

The School of Public Health provides the high quality and relevant teaching, research and service needed to evolve public health practice in a changing world. By investigating the contemporary problems that challenge diverse urban communities, the School is preparing the next generation of public health professionals to make a difference through leadership, scholarship and practice in Georgia communities and around the globe.

The School's mission is strengthened by the objective of the University System of Georgia, through its Strategic Plan for Public Health Education, Research and Service, "to ensure that the System becomes one of the national leaders in public health education, research and service."

Six values were determined in a School-wide review process. All values were developed with input from the administration, faculty, staff and students and are reaffirmed or revised during each subsequent review process. The values are succinct and specific in nature and are reflected in faculty, staff and students' instruction, service and learning activities. The values are:

1. Integrity, accountability, and transparency in our operations
2. Scholarship and inquiry
3. Respect for all aspects of diversity
4. Health as a human right
5. Prioritizing health in all policy decisions
6. Sustainable healthy environments
7. Student Success

The goals of the School of Public Health are:

Research

1. Exceed $20 million annually in sponsor-funded research
2. Establish a new Center to promote interdisciplinary research and training around non-communicable diseases (NCD) and other contemporary global health problems.

3. Receive University-wide recognition for our ability to contribute to excellence in interdisciplinary research methodologies.
4. All junior tenure track faculty to obtain sponsored funding within their first three academic years of service–lead the University in career development awards.
5. Double the number of our peer-reviewed publications.

Education

1. Attract and retain a diverse student body, staff, and faculty.
2. Successfully graduate 70% of our bachelor's students within six years, 80% of our MPH students within four years, and 60% of our doctoral students within seven years.
3. Double the number of our online and hybrid course offerings.
4. Increase external support for graduate students by emphasizing training grants, student fellowships and graduate student support through our faculty's grant-seeking activities.
5. Develop and offer a professional doctoral program (DrPH) and targeted executive education offerings for public health workers hoping to increase their knowledge and skills.

Service

1. Promote and expand the involvement of faculty and staff in university, community-based and professional education projects so that service activities will be greater than 3 times the number of faculty.
2. Better recognize those who contribute to public health practice and education communities through service.
3. Offer at least 2 continuing education activities for the workforce each year, aligned with needs identified in our communities' workforce.

8000.30 Degrees and Certificates Offered

The School of Public Health offers the following programs:

- Bachelor of Science in Public Health
- Graduate Certificate in Public Health
- Master of Public Health
- Doctor of Philosophy in Public Health

8000.40 Research Centers and Initiatives

The Mark Chaffin Center for Healthy Development
14 Marietta Street NW, 2nd Floor
404-413-1281
healthy.gsu.edu

The Mark Chaffin Center for Healthy Development (CHD) was established in August 2008 to house the National SafeCare® Training and Research Center (NSTRC) and the Center for Leadership in Disability (CLD), a University Center for Excellence in Developmental Disabilities (UCEDD). In 2011 CHD welcomed Prevent Child Abuse Georgia, a state chapter of Prevent Child Abuse America, which will

provide a statewide direction to promote healthy children and develop strong families through community resources, public awareness, prevention programs, research, and advocacy activities. The center was designated a university-level research center in 2015, and its name honors and memorializes Dr. Mark Chaffin (1952 – 2015), a pre-eminent scholar in child maltreatment, parenting, implementation science and services for disadvantaged people and populations with disabilities.

The NSTRC is funded by a number of private and public service and research grants and contracts. It was created in 2007 with a center grant from the Doris Duke Charitable Foundation. The CLD is primarily funded by a center grant from the Administration on Developmental Disabilities (ADD) of the Administration on Children and Families (ACF) within the U.S. Department of Health and Human Services (USDHHS). PCA Georgia is funded by a grant from the Governor's Office for Children and Families, the Arthur M. Blank Family Foundation, and other sources. The general mission of the CHD is to promote the health, safety, well-being, and quality of life of children, adults, and families with and without disabilities through research, service, advocacy, and to prevent child maltreatment.

The Community Research Center (CRC)
75 Piedmont Ave, Suites 904-906
404-413-1147

The Community Research Center is a focus for expertise in working with citizens and organizations within disadvantaged communities. It currently manages a number of research projects and interventions on HIV/AIDS and related issues. The Center has established a strong presence in the community, and builds partnerships with community organizations for training, conducting community-based participatory research, and local capacity building.

Partnership for Urban Health Research
848 Urban Life Building
404-413-1137
urban.publichealth.gsu.edu

The Partnership for Urban Health Research (PUHR) was established to understand how the urban environment affects the health and well-being of people who reside and work in the metropolitan Atlanta area. The focus of its efforts is on populations that bear a disproportionate burden of illness and disease using an interdisciplinary approach to research. In partnership with surrounding communities, PUHR creates and disseminates knowledge that is both meaningful and beneficial to the communities that participate in the process.

Tobacco Center of Regulatory Science
847 Urban Life Building
404-413-1142
tcors.publichealth.gsu.edu

Georgia State University's School of Public Health has been named one of 14 Tobacco Centers of Regulatory Science (TCORS) by the National Institute of Health (NIH) and the Food and Drug Administration (FDA). Along with major partners – the University of Illinois, Chicago and RTI International, the Georgia State University TCORS focuses on both the human and economic factors that contribute to decision making related to tobacco products. Funded through a five-year, $19 million grant,

the Georgia State University project is titled "The Science of Decision Making: Connecting People and Policy."

8000.50 Academic Resources and Services

Office of Academic Assistance and Career Services

Urban Life Building, Suite 300
404-413-1452
publichealthadvising@gsu.edu

Contacts:

Denise Gouveia, Director
Vanessa Thomas-Meikle, Assistant Director
Lynette Reid, Admissions Coordinator
Jessica Pratt, Practicum and Career Coordinator
Gina Sample, MPH Curriculum and Advisement Coordinator
Jonathan Key, Undergraduate Advisor
Esther Singh, Administrative Assistant

The Office of Academic Assistance and Career Services (OAA) provides the SPH current and prospective students with comprehensive student support services to ensure academic and career success.

Advising and Academic Assistance

publichealth.gsu.edu/students/academic-advising/

The Office of Academic Assistance (OAA) supports the school's commitment to quality education in the field of public health by advising undergraduate seniors and coordinating the recruitment, admission and advising of graduate students. Through the advisement process, students learn to identify and use university resources effectively to: satisfy degree requirements; plan programs of study; discover how interests, skills and goals connect to fields of study and careers. The office is open from 8:30 a.m. to 5:15 p.m. Monday through Friday. Walk-in advisement without an appointment is scheduled on Mondays and Thursdays from 2:00 p.m. to 3:30 p.m., and Tuesdays and Wednesdays from 10:00 a.m. to 11:30 a.m..

Career Services

University Career Services (UCS) within Enrollment Services is a comprehensive career center dedicated to the success of all Georgia State University students, including public health students. UCS

- helps students and alumni explore academic majors, find internships and jobs, launch careers, explore graduate and professional school options and pursue their professional goals.
- helps employment recruiters from big corporations to small agencies discover, recruit and hire Georgia State University students and alumni. UCS is like an extension of a recruiting organization's human resources wing, seeking collegiate talent. They help with both internship hiring and entry-level career position hiring.

- manages Handshake, Georgia State University's online job board for students, alumni and employers. There is no student or employer fee to use Handshake.
- helps professional and graduate school recruiters connect with students and alumni seeking advanced educational opportunities locally, regionally, nationally and internationally.

UCS provides primary career support to undergraduate public health students, while the School of Public Health Career Services office supplements UCS offerings as appropriate. To contact UCS, please call 404-413-1820 or visit them in Student Center West, Room 270, located at 66 Courtland St. SE, Atlanta, Georgia 30303, or visit their website at: http://career.gsu.edu/

8000.60 Student Organizations

Public Health Student Life

The Office of Academic Assistance and Career Services (OAA) also supports all SPH student clubs and organizations – students are encouraged to read about the various groups within the college, and join one while being enrolled in the SPH: publichealth.gsu.edu/student-life.

8000.70 Study Abroad

SPH Study Abroad Website: publichealth.gsu.edu/academic/study-abroad/

Contact: SPHstudyabroad@gsu.edu

Study abroad is one of the ways the School provides a learning environment that prepares students with broad skills regarding diversity and cultural competence. Opportunities to earn Signature Experience and undergraduate elective course credits abroad are available in most years, and opportunities increase as student interest increases. Previously planned study abroad opportunity cities include: Salvador, Brazil; Kampala, Uganda; Santo Domingo, Dominican Republic; and Shanghai, China. Students should check the above-linked study abroad website for future opportunities.

8010 Undergraduate Admission and Program Requirements

8010.10 Undergraduate Admission into the Full Public Health Major

Students are required to meet all University and College Bachelor degree admission requirements. The undergraduate program in the School of Public Health has more stringent admission requirements than those of Georgia State University. When all the college admission requirements listed below are satisfied, students are no longer *pre-public health majors*; instead, they automatically admit into the *full public health major* at the School of Public Health and are permitted to continue completing public health major courses.

Requirements for Transitioning from the Pre-public Health Major Status and Admitting into the Full Public Health Major:

- Admission into Georgia State University's bachelor degree.
- Successful completion of each Area A course with a grade of "C" (2.0) or higher.

- Successful completion of the first course of the two-course science sequence in Area D1.
- Successful completion of each Area F course with an overall Area F GPA of 2.8 or higher, including:
- Successful completion of the following Area F courses with a grade of "C" (2.0) or higher on the first attempt:
    - PH 2000 Introduction to Public Health,
    - PH 2001 Fundamentals of Epidemiology
    - PH 2020 Determinants of Health, and
    - SCOM 1500 Public Speaking.
      Transfer students who transfer these Area F courses into Georgia State University may use their grades from their first attempted transfer courses or they may attempt the courses at Georgia State. A WF counts as an attempt.
- Successful completion of the additional mathematics, science and/or social sciences courses satisfying Area F with a grade of "C" (2.0) or higher.
- An overall GPA of 2.5 or higher.

8010.20 Program Degree Requirements for the Public Health Major

Program Degree Requirements:

Requirements for Areas A through D of the undergraduate core curriculum are listed in the "Core Curriculum Requirements" in the Georgia State University undergraduate catalog. School of Public Health academic regulations are noted below each area here:

Area A: GSU General Education – Essential Skills (9 credit hours)

- Students must successfully complete each of their Area A courses with a grade of "C" (2.0) or higher.
- It is strongly recommended that public health majors select MATH 1111 or higher

Area B: GSU General Education – Institutional Options (4 credit hours)

Area C: GSU General Education – Humanities and Fine Arts (6 credit hours)

- The School of Public Health recommends students select Group 3: Foreign Language.

Area D: GSU General Education – Math, Technology and Science (11 credit hours)

Public Health majors must complete

Group D1 (8): Select one two-course sequence from the following:

- 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)

Group D2 (3): MATH 1070 Elementary Statistics (3)

Area E: GSU General Education – Social Science (12 credit hours)

Area F: Courses Appropriate to the Public Health Major (18 credit hours)

Students must also complete each of the following Area F courses with a grade of "C" (2.0) or higher in their first attempt. Transfer students who transfer these Area F courses into Georgia State University may use their grades from their first attempted transfer courses or they may attempt the courses at Georgia State. A WF counts as an attempt. Due to the merger, attempts made at Perimeter College campus in fall 2016 semester or after are considered a first attempt at Georgia State.

- PH 2000 Introduction to Public Health (3)
- PH 2001 Fundamentals of Epidemiology (3)
- PH 2020 Determinants of Health (3)
- SCOM 1500 Public Speaking (3)

Students must also complete an Additional Mathematics course (0-3) from list below with a grade of "C" (2.0) or higher. If Area A2 is satisfied with MATH 1111 College Algebra or higher, students may complete an additional Mathematics, Science or Social Sciences Course from the Area F list below with a grade of "C" (2.0) or higher, instead. If Area A2 is not satisfied with MATH 1111 or higher, students must select one Mathematics course from the following list:

- MATH 1111 College Algebra (3)
- MATH 1112 College Trigonometry (3)
- MATH 1113 Precalculus (3)
- MATH 1220 Survey of Calculus (3)
- MATH 2201 Calculus for the Life Sciences I (4)
- MATH 2202 Calculus for the Life Sciences II (4)
- MATH 2211 Calculus of One Variable I (4)
- MATH 2212 Calculus of One Variable II (4)
- MATH 2215 Multivariate Calculus (4)
- MATH 2420 Discrete Mathematics (3)

Additional Science or Social Sciences Course(s) from list below (not taken for Area D or Area E) (3-6). Select course(s) from the following list:

- AAS 1140/HIST 1140 African and African-American History (3)
- AAS 2010 Introduction to African-American Studies (3)
- ANTH 1102 Introduction to Anthropology (3)
- BIOL 1103K Introductory Biology I (4)
- BIOL 1104K Introductory Biology II (4)
- BIOL 2110K Human Anatomy and Physiology I (4)
- BIOL 2120K Human Anatomy and Physiology II (4)
- BIOL 2107K Principles of Biology I (4)
    - *Cannot be counted here if BIOL 1103K already taken for another area*
- BIOL 2108K Principles of Biology II (4)
- BIOL 2300 Microbiology and Public Health (3)
- CHEM 1101K Introductory Chemistry I (4)

    - *Cannot be counted here if CHEM 1151K or 1211K already taken for another area*
- CHEM 1102K Introductory Chemistry II (4)
- CHEM 1151K Survey of Chemistry I (4)
    - *Cannot be counted here if CHEM 1101K or 1211K already taken for another area*
- CHEM 1152K Survey of Chemistry II (4)
- CHEM 1211K Principles of Chemistry I (4)
    - *Cannot be counted here if CHEM 1101K or 1151K already taken for another area*
- CHEM 1212K Principles of Chemistry II (4)
- 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)
- GEOG 1112K Introduction to Weather and Climate (4)
- GEOG 1113K Introduction to Landforms (4)
- GERO 2000 Introduction to Gerontology (3)
- PSYC 1101 Introduction to General Psychology (3)
- SOCI 1101 Introductory Sociology (3)
- SOCI 1160 Introduction to Social Problems (3)
- WGSS 2010 Introduction to Women's, Gender, and Sexuality Studies (3)

Area G: Public Health Major Curriculum (33 credit hours)

- PH 3010 Introduction to Research Methods in Public Health (CTW) (3)
- PH 3020 Statistical Reasoning in Public Health (3)
- PH 3030 Fundamentals of Environmental Health (3)*
- PH 3040 Public Health Careers and Profession (3)*
- PH 4010 Fundamentals of Health Policy (3)*
- PH 4020 Introduction to Public Health Program Implementation and Evaluation (3)
- PH 4030 Social and Behavioral Dimensions of Public Health (3)*
- PH 4040 Public Health Communication (3)
- PH 4050 Health Equity and Disparities: Urban and Global Health Challenges (3)*
- PH 4060 Introduction to Public Health Informatics (3)*
- PH 4070 Introduction to Chronic and Infectious Diseases (3)*

Area H: Public Health Signature Experience(s) (6 credit hours)

Completion of PH 2000, PH 2020, PH 3010, PH 3020, PH 3030, PH 3040, PH 4010, PH 4020, and PH 4030 with a grade of "C" (2.0) or higher in each course is prerequisite to this Area H.

A grade of "C" (2.0) or higher is required for each course in Area H.

Complete 6 credit hours of the following:

- PH 4991 Signature Experience Prospectus (3)
- PH 4992 Signature Experience Capstone (3)

Area I: Approved Public Health Related Electives (15 credit hours)

Select five courses from the following:

- PH 3004 Chronic Disease Epidemiology (3)
- PH 3035 Introduction to Maternal and Child Health (3)
- PH 4130 Introduction to Public Mental Health (3)
- PH 4135 Introduction to Disability and Public Health (3)
- PH 4230 Global Perspectives on Injury and Violence Prevention (3)
- PH 4250 Introduction to Public Health Emergency Preparedness and Response (3)
- PH 4300 Introduction to Controversies in Public Health (3)
- PH 4350 Introduction to Workplace Safety and Health (3)
- PH 4400 Introduction to Health Management and Administration (3)
- PH 4880 Public Health Study Abroad (3)
- BIOL 3021 Infectious Disease and Society (3)
- ECON 4210 Health Economics (3)
- ECON 4350 Economics of Poverty & Public Policy (3)
- GEOG 4538 Urban Health Geographic Information Systems (4)
- GERO 4110 Aging Policy and Services (3)
- GERO 4119 Global Aging and Families (3)
- GERO 4122 Death, Dying and Loss (3)
- GERO 4200 Health and the Older Adult (3)
- JOUR 4460 Health Communication (3)
- NUTR 3800 International Nutrition (3)
- NUTR 4000 Food and Culture (3)
- NUTR 4955 Nutrition, Physical Activity, and Wellness (3)
- PMAP 3210 Introduction to Nonprofits (3)
- SOCI 4050 Global Perspectives on Violence Against Women (3)
- SW 4440 Global Social Work Practice (3)
- SW 4450 Child Maltreatment Practice Policy and Research (3)
- other appropriate course(s) approved by advisor (1-15)

Area J – Advanced Electives (6 credit hours)

Select any 1000-, 2000-, 3000-, or 4000-level courses (6 credit hours)

Total Semester Hours for Degree: 120

8020 Academic Regulations

8020.05 Grades of C in Major and Signature Experience

Grades in the public health major area and signature experience area requirements, where applicable, require a grade of C *(2.0)* or higher. The School of Public Health does not accept grades of C- to count toward its major and signature experience coursework.

8020.10 Transient Status at Other Institutions

Students enrolled in the Georgia State University School of Public Health 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 and Career Services if they wish to apply the credit to a Georgia State degree program. A transient petition form should be submitted prior to registration.

8020.15 Transferring Credits into the Major

To maintain the integrity of the Bachelor of Science in Public Health degree program, no more than a total of 15 credit hours will be allowed to transfer into Areas F, G, and I. With the further stipulation that no more than 9 of those credit hours can be counted in Area G.

8020.20 Directed Readings

Directed Readings courses in the undergraduate program 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 and the Office of Academic Assistance and Career Services. 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.

8020.30 Modification of Degree Requirements

Students may petition for modifications of the degree requirements of the School of Public Health. 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 at the University Advisement Center for freshman, sophomore, and junior students, and at the School of Public Health Office of Academic Assistance and Career Services for seniors (at least 90 credit hours completed).

8020.40 Catalog Editions

Undergraduate students should refer to the Change of Catalog Edition section in the University Academic Regulations chapter of the undergraduate catalog.

8030 Student Complaints, Petitions for Policy Waivers and Variances, and Appeals

The appeals procedure for students in the School of Public Health will follow different courses depending on the nature of the student's appeal. Please refer to Student Complaints, Petitions for Policy Waivers and Variances, and Appeals section University Academic Regulations chapter of the undergraduate catalog or visit deanofstudents.gsu.edu/student-assistance/student-complaints-petitions/ online for details.

9000 Perimeter College

Georgia State University's Perimeter College offers associate degrees in more than 30 guided pathways. Perimeter College comprises five campuses and an online program. Perimeter College does not provide bachelor-level degrees. For more about Perimeter College's degree offerings, view the associate-level catalog at catalog.gsu.edu or visit perimeter.gsu.edu.

10000 College of the Arts

Undergraduate programs in the College of the Arts are described in detail in this chapter. See subsections for specific program information as well as policies and procedures.

10010 General Information

The College of the Arts consists of three schools and two centers. The college has approximately 2,000 undergraduate majors and 220 graduate students.

The liberal arts education offered by the College of the Arts prepares students for professional careers and provides the foundation for lifelong learning. 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 the Arts offers the Bachelor of Arts, the Bachelor of Science, the Bachelor of Fine Arts, the Bachelor of Music, and the Bachelor of Interdisciplinary Studies 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. In collaboration with the College of Education & Human Development, 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 the Arts offers graduate degrees and programs in art and design, music, film studies and production. The university publishes a graduate catalog that includes complete descriptions of all of the graduate programs offered at Georgia State University (available online at catalog.gsu.edu).

Office of the Dean

55 Park Place Building, Suite 910
404-413-3151
thearts.gsu.edu

Wade Weast, Dean
Maria Gindhart, Associate Dean

Accreditation

In the College of the Arts, the Ernest G. Welch School of Art & 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, and the programs in secondary education by the National Council for Accreditation of Teacher Education.

Degrees Offered

Undergraduate degrees are offered through the Schools of Art & Design, Music, and Film Media, & Theatre. In addition, undergraduate degree programs in secondary education for teachers of preschool through twelfth grade in art and music are offered through the College of the Arts. For application procedures and eligibility requirements, please refer to "Educator Preparation," chapter 1600 of this catalog.

Bachelor of Arts (B.A.)

Art, Film and Media

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

Art Education, Studio

Bachelor of Music (B.Mu.)

Music

Bachelor of Science (B.S.)

Music Management

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

Arts Administration–Speech/Theatre, Theatre, Student-Planned. See section 10200 below.

10010.10 Schools

School	Main Office	Catalog Sections
Ernest G. Welch School of Art & Design	117 Arts and Humanities 404-413-5221	10100
School of Film, Media & Theatre	10th floor, 25 Park Place 404-413-5600	10200, 10300
School of Music	5th floor, Haas-Howell 404-413-5900	10400

10020 College Academic Regulations

The requirements for entrance into Georgia State University are found in section 1100 of this catalog, which is devoted to undergraduate admissions. A transfer student must comply with all academic regulations of the university. The College of the Arts 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 advisor in the Office of Academic Assistance or the University Advisement Center.

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. Some prerequisite courses for both the major and minor require a grade of C or higher to progress through the program.

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 school, the Office of Academic Assistance, or the University Advisement Center for further information.

The College of the Arts follows university guidelines for the acceptance of credit by examination. See section 1320.40 Credit by Examination for specific course equivalencies. Credit by examination awarded by the academic schools within the College of the Arts does not apply toward the academic residence requirement.

Credit for Transient Work

College of the Arts' 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 school, Office of Academic Assistance, or the University Advisement Center 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 University offerings. During the term in which the student is scheduled to graduate, all courses must be taken at Georgia State University unless prior written approval has been obtained from the school, Office of Academic Assistance, or the University Advisement Center. The acceptance and application of all course work taken as a transient student is subject to any limitations imposed by the student's major school or program of study.

Please consult the "Academic Regulations" section of this catalog for further clarification in regard to transient credit.

Course 4999 – Directed Readings

Course 4999, Directed Readings, is offered in various schools within the College of the Arts and 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 and the school director 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 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.

2. **College Approval of Enrollment:** The Office of Academic Assistance of the college will determine a student's eligibility for admission into a graduate course. To be eligible, an undergraduate student must have a cumulative grade-point average of 3.5 or higher, be within 18 semester hours of graduation, and be enrolled in an undergraduate degree program. Eligibility does not guarantee permission to take a graduate level course. Once a student's eligibility is determined, permission must be granted by the instructor for the course, the school's director of graduate studies, the director of the school offering the course, and the Office of Academic Assistance of the Arts. The request form is available in the college's Office of Academic Assistance. 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.)

10030 College Degree Requirements

10030.10 World Language Requirement for B.A./B.I.S. Majors

The College of the Arts requires the completion of a world language above 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 world language requirement for students enrolled in Bachelor of Arts and Bachelor of Interdisciplinary Studies programs is most commonly included in the core curriculum or Area F (Courses Appropriate to the Major); however, programs may also require students to complete world language courses in Area G, (60 semester hours in the major). Students transferring to Georgia State University with a completed Area F,

yet without sufficient course work to meet a program's world language requirement, will be required to fulfill the necessary courses in the remaining 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 or a Bachelor of Interdisciplinary Studies will find that the language course no longer counts in Area C but in Area F. For this reason, the college recommends that students in Bachelor of Arts and Bachelor of Interdisciplinary Studies programs not include a world language course in core curriculum Area C (Fine Arts and Humanities).

10030.20 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 several colleges, schools, departments, and institutes at the university. An individual student, in consultation with a faculty advisor, 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 within the College of the Arts are Arts Administration-Speech/Theatre, 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 or the University Advisement Center.

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 schools in the College of the Arts. 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 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.

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, to ensure 39 hours are taken at Georgia State University at the 3000-4000 level to fulfill 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 Associate Dean. 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 the Arts. Students should have their proposed student-planned programs reviewed by the Associate Dean 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 advisor in the college's Office of Academic Assistance or the University Advisement Center. Students must also select an appropriate faculty advisor 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 "University Academic Regulations" section 1300 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. A world language at the 1002 level must be included in Area F of all student-planned programs.

Area G:

Area of Concentration (3000-4000-level courses similar to a traditional major area, except interdisciplinary in content).

Area H:

Allied Field (3000-4000-level courses 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 of the Arts as follows, as well as select an appropriate faculty advisor.

Arts Administration – Speech/Theatre

Theatre-Design

Theatre-Performance

10030.30 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 colleges, schools, departments, and institutes at the university. Students must submit their student-planned interdisciplinary minor of 15-18 hours for approval to the Associate Dean. 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.

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.
5. At least 50 percent of the minor must be completed after the semester in which the Associate Dean approves the minor program plan.

Students should contact the college's Office of Academic Assistance or the University Advisement Center for information on the application procedure.

10040 Office of Academic Assistance

55 Park Place Building, Suite 990

404-413-5855

thearts.gsu.edu/college-of-the-arts/academics/about-student-advising/

Director: Sekeia Harris
Assistant Director: Tony Davis

The Office of Academic Assistance supports schools in providing academic advisement for students in the College of the Arts, primarily those who have earned 90 credit hours. Students with fewer than 90 credit hours are advised through the University Advisement Center (see advisement.gsu.edu). 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 by appointment or may walk-in for brief consultations. During the academic year, the office is open from 8:30 a.m. to 5:15 p.m. Monday through Friday. Students seeking a degree in the College of the Arts should become familiar with the academic regulations of the university.

Although the College of the Arts 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 the Arts encourages its majors to build relationships with the undergraduate support personnel in their major school. 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.

10050 Student Complaints, Petitions for Policy Waivers and Variances, and Appeals

The appeals procedure for students in the College of the Arts will follow different courses depending on the nature of the student's appeal. Please refer to University Information Section 1050.80 under Polices and Disclosures in this catalog or visit enrollment.gsu.edu/assistance for details.

10060 Academic Resources and Services

Creative Media Center (CMC)

460 Art and Humanities Building
404-413-5278
cmc.gsu.edu

The Ernest G. Welch School of Art & Design's Creative Media Center (CMC) offers access to cutting-edge digital technology for students who are currently enrolled in courses within the school. The CMC offers an array of Macintosh computer workstations and functions as both a digital classroom and computer laboratory, offering Open Lab access during scheduled times. The CMC includes specialized input and output computer hardware for print, sound, and video, as well as many industry-standard design and imaging software packages.

Music Media Center

400 Haas Howell Building
404-413-5903

The School of Music's Music Media Center provides students with a valuable resource for music study through the use of the Bobbie Bailey Technology Classroom, consisting of 18 workstations that facilitate the art of music composition, a multi-media seminar room, and the Charles Thomas Wurm Circulation area with access to 16 listening-keyboard computer workstations.

Visual Resource Center (VRC)

520 Art and Humanities Building
404-413-5233

The Ernest G. Welch School of Art & Design's Visual Resource Center (VRC) has a large collection of art and architecture slides, print, and digital media covering all phases of art history. The collection is used extensively for instruction and learning by university faculty and students as well as visual arts professionals throughout the region. The university subscribes to Artstor Digital Library, a database of more than 1.4 million images in the arts, architecture, humanities, and sciences from outstanding museums, photo archives, photographers, scholars, and artists.

10060.10 Centers

Center for Collaborative and International Arts (CENCIA)

Nickitas Demos, Director

cencia.gsu.edu/

The Center for Collaborative and International Arts (CENCIA) brings together visual artists, 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 arts in the 21st century, as boundaries between traditional disciplines give way to exciting new partnerships.

Center for Educational Partnerships in Music

Michelle Mercier-DeShon, Director

music.gsu.edu/centers/center-educational-partnerships-music/

The Center for Educational Partnerships in Music is increasingly recognized as a conduit for artistic excellence and innovation in urban music education. The centerunites university music faculty and undergraduate/graduate music students with the greater education community in a collaboration that advances the role of music in school culture and prepares strong leaders to teach in a diverse and interdependent context. Drawing on Atlanta's unique community resources, the relationship created by the center fosters relevant and engaging music-making for all learners throughout the lifespan.

10100 Art and Design

Programs Offered:

- **Bachelor of Arts in Art**
  - **Concentration in Art History**
  - **Concentration in Studio**
  - **Dual B.A. in Art (Concentration in Art History) / M.A. in Art History**
- **Bachelor of Fine Arts in Art Education**
- **Bachelor of Fine Arts in Studio**
  - **Concentration in Drawing and Painting or Printmaking**
  - **Concentration in Graphic Design**
  - **Concentration in Interior Design**
  - **Concentration in Photography**
  - **Concentration in Textiles**
  - **Concentration in Three Dimensional Studies (emphasis in Ceramics or Sculpture)**
- **Minors in Art and Art History**

The Ernest G. Welch School of Art & Design
117 Arts and Humanities Building
404-413-5221
artdesign.gsu.edu

TBD, Director
TBD, Associate Director

The Ernest G. Welch School of Art & Design offers degree programs in studio, art education, and art history. The Bachelor of Fine Arts professional degree is available in studio and art education. Within the studio degree, students may choose from these concentrations: drawing and painting or printmaking, graphic design, interior design, photography, textiles, or three-dimensional studies (ceramics or sculpture).

The School of Art & Design offers the Bachelor of Arts (B.A.) degree for students who wish to pursue a liberal arts education. They may select a concentration in studio or in art history. The B.A. program in Studio covers a range of art courses and a studio concentration. Art history is an academic liberal arts program devoted to preparing future scholars and curators.

The School of Art & 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 & Design is professionally accredited by the National Association of Schools of Art & Design.

Program Admission

Admission to B.F.A

Students who wish to pursue a Bachelor of Fine Arts (B.F.A.) degree must apply to seek this degree. Students may pursue the B.F.A. by being accepted either into studio or into art education. The studio program requires a concentration in one of the following areas: drawing, painting, or printmaking, graphic design, interior design, photography, textiles, or three-dimensional studies (ceramics or sculpture). Acceptance to a concentration is determined by application and portfolio review following completion of the art core sequence. Students should consult with the undergraduate area coordinator 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 & Design office for information about Portfolio Review Day.

Admission to Art Education B.F.A.

The Art Education program offers two tracks for students to develop their teaching skills. One track is the traditional model of art teacher preparation with a focus on students meeting the certification requirements for K-12 teaching in the state of Georgia. Another option for study in Art Education has a focus on preparing students to teach in a community-based arts organization or museum. The primary difference in the student's experience will be the setting in which they complete most of their observation hours, practicum, and internship. Otherwise, developing effective methods for teaching art is the goal for both programs.

Application to the B.F.A. program in Art Education should occur upon completion of the 18 semester hours required in Area F as well as the introductory art education course (AE 4200). Admission to the major takes place at the mid point of the second semester in the program during which students are taking AE 4400 Media, Technology, and Visual Presentation.

To apply to the Art Education certification track, students must have:

- passed the portfolio review of artwork professionally presented in an electronic portfolio or PowerPoint
- received at least "Good" in all dispositional ratings
- earned a 2.5 overall cumulative GPA
- earned a 3.0 GPA in all art content courses

- passed [Combined Test I, II, and III (700)] or been exempted from the GACE Program Admission Assessment. When registering for the assessment, program entry candidates must add their program provider (Georgia State University – school code 5090) as a score recipient when registering or we will not receive notification of completion of the assessment
- provided proof of completing the Georgia Educator Ethics – Program Entry (350) Assessment, although there is no Pass/Fail grade assigned. Program entry candidates must add their program provider (Georgia State University) as a score recipient when registering or we will not receive notification of completion of the assessment

To apply to the Art Education non-certification community-based teaching track, students must have:

- passed the portfolio review of artwork professionally presented in an electronic portfolio or PowerPoint
- received at least "Good" in all dispositional ratings
- earned a 2.5 overall cumulative GPA
- earned a 3.0 GPA in all art content courses
- submitted an essay detailing goals and reasons for wishing to teach in a community-based program

Guidelines for the Entry-to-the-Major Review will be distributed during Art Education courses and posted in the Art Education area. Art Education faculty will assist students in preparing their pre-teaching certification and portfolio requirements for admission. In the event that a student is not accepted into the Art Education certification track, or is accepted with pending status, the student will not be allowed to take any further Art Education courses until the issue for admission to the major is resolved. If the issue cannot be resolved within the second semester of the program students may elect to complete a degree in Art Education with a focus on community-based art education settings or museums, which does not lead to a teaching certification, or consider other degree options. In the community-based track, students complete the last ten hours of the Art Education program in an alternative teaching setting rather than in public schools.

Admission to Studio B.F.A.

Upon completion of the 18 semester hours required in Area F and prior to completion of 15 additional semester hours, each student who wishes to seek a B.F.A. in Studio must submit an application and pass a portfolio review for acceptance into a major concentration. Applications to concentrate in a discipline are available in the School of Art & 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 the area coordinator 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 Office of Academic Assistance to explore other options.

Program Academic Regulations

Evaluation of transfer credits should be completed during the first semester of attendance at the university by the School of Art and Design.

Program Degree Requirements

Art students should seek regular advisement from the Office of Academic Assistance or the University Advisement Center. Once accepted into a Bachelor of Fine Arts concentration, students should seek advisement from the Area Coordinator for that concentration. Students in the B.F.A. degree program should declare their intention to pursue a B.F.A. degree to the Office of Academic Assistance in the College of the Arts or the University Advisement Center when they initiate their Area F requirements. Students intending to pursue the B.F.A. should enroll in two Area F courses during their first semester and should continue taking two Area F courses each semester until those courses are completed. Upon completion of the Area F requirements and prior to completion of 15 additional hours in art, students who intend to pursue the B.F.A. degree program must submit an application and portfolio to the concentration faculty for review and approval. In order to facilitate advisement, students in the Bachelor of Arts degree program should declare their major and area of concentration (studio or art history) prior to completion of their Area F courses.

A grade of C- or higher is required for all Studio and Art History courses in Area G. Bachelor of Art Studio majors must satisfy the world language requirement to the 1002 level with a passing grade of D or higher. For Art Education a grade of B and a GPA of 3.0 or higher is required in all art content courses.

In addition to the Program Degree Requirements, students must fulfill the College of the Arts Degree Requirements (see section 10030) and the University Degree Requirements (see section 1400).

Graduation with Distinction

This Welch School of Art and Design offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the School of Art & Design for the specific criteria for this honor.

Program Financial Information

Lab fees will be assessed automatically for students who register for certain courses. For more information, please feel free to contact the school or review GoSolar or catalog course listings to determine if a course includes a lab fee.

B.A. in Art

Areas A-E: Core Curriculum Recommendations

Area B: Recommended courses: Cross-cultural Art History courses may be offered in this area as sections of PERS 2001 Perspectives in Comparative Culture (2), or PERS 2003 Perspectives on Human Expression (2).

Area C: Recommended courses: Either AH 1700 Survey of Art I, AH 1750 Survey of Art II, or AH 1850 Survey of Art III to maximize the opportunity to take elective courses in Art History.

Art History Concentration

All Art History students are required to meet with the area coordinator for assignment of a faculty advisor.

Area F: Courses Appropriate to the Major (18)
1. Required Courses (15):

a. World language (French or German recommended) (9):*
- World language at the 1002 level (3)
- World language at the 2001 level (3)
- World language at the 2002 level (3)

b. Select two of the following Art History courses (6):

- AH 1700 Survey of Art I: Western Art from Antiquity to the Middle Ages (3)
- AH 1750 Survey of Art II: Western Art from the Renaissance to the Present (3)
- AH 1850 Survey of Art III: Art of Africa, Oceania, and the Americas (3)

2. Select an additional elective course recommended below to complete 18 hours in Area F:

Art History (Select course not completed in Area C or above: (3)

- AH 1700 Survey of Art I: Western Art from Antiquity to the Middle Ages (3)
- AH 1750 Survey of Art II: Western Art from the Renaissance to the Present (3)
- AH 1850 Survey of Art III: Art of Africa, Oceania, and the Americas (3)

If all three 1000-level Art History courses have been taken Art Studio (1000-level) (3)

* The School of Art & Design requires that art history students complete the world language 1002, 2001, 2002 sequence. (See "World Language Requirement for B.A. and B.I.S. degrees," previously described.)

Area G: Major Courses (30)

1. AH 3000 Introduction to Art Historical Methodology-CTW (3)
2. Distribution Requirement: Select at least one course from each of the following categories (12):
   a. **Ancient and Medieval**
      - AH 4025 Art of Egypt and the Near East (3)
      - AH 4120 Art and Architecture of Ancient Rome (3)
      - AH 4200 Art and Architecture of the Middle Ages (3)
      - AH 4630 Pre-Columbian Art (3)
   b. **Early Modern**
      - AH 4310 Art of Northern Europe in the Renaissance Era (3)
      - AH 4320 Italian Renaissance Art: The Age of Humanism (3)
      - AH 4400 Baroque Art (3)
      - AH 4450 Eighteenth-Century European Art (3)
   c. **Modern and Contemporary**
      - AH 4500 Nineteenth-Century European Art (3)
      - AH 4600 Modern Architecture (3)
      - AH 4610 20th Century Art of Europe & US (3)
      - AH 4700 Contemporary Art: Theory and Criticism (3)
      - Also counting for this area with permission of advisor:

        - AH 4030 Contemporary African Art (3)
        - AH 4620 African-American Art (3)
        - AH 4650 American Art (3)
        - AH 4720 Feminist Issues in Contemporary Art (3)

d. **Global South**
    - AH 4000 African Art (3)
    - AH 4030 Contemporary African Art (3)
    - AH 4620 African-American Art (3)
    - AH 4685 Memory & Identity in Latin American Art (3)
    - Also counting for this area with permission of advisor:
        - AH 4630 Pre-Columbian Art (3)

e. **Other Art History courses that may be chosen to satisfy the distribution requirement in consultation with a departmental adviser are:**
    - AH 4660 Nineteenth and Twentieth-Century Art in Latin America (3)
    - AH 4690 Asian Art (3)
    - 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 4980 Special Problems (3)*
    - Cross-disciplinary Art History Seminars (PHOT 3910, TEXT 3910, and GRD 3910). No more than two cross-disciplinary seminars may count towards degree requirements.

* May be taken more than once

3. Select four additional Art History courses from the courses listed in Area G2. (12)
4. Select one more Art or Art History course. This course must be an Art Studio, if not already taken. (3)

Area H: Minor and Additional Courses

1. Select additional courses to complete a minimum of 120 hours.
2. Students in art history are not required to take a minor, although they may complete one if they so choose.

Dual B.A. in Art (Art History Concentration) / M.A. in Art History

The department offers a dual Bachelor of Arts with an Art History concentration and Master of Arts in Art History. The dual degree opportunity enables qualified students to enroll in graduate courses late in their undergraduate program and apply the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by the school and College of the Arts to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following the college's processes, though GRE scores are not required for admission into the M.A. in Art History if applying through the dual degree program. All

students accepted into the master's program via the Dual Degree program are only allowed to pursue the non-thesis track.

Information about the dual program, including application instructions and program requirements, can be found at http://artdesign.gsu.edu.

Studio Concentration

Areas A-E: Core Curriculum Recommendations

1. Students may select one art history survey in Area C.

Area F: Courses Appropriate to the Major (18)

1. Required Courses (6):
    a. World language at the 1002 level or higher (3)
    b. Select one of the following Art History courses (3):
        - AH 1700 Survey of Art I: Western Art from Antiquity to the Middle Ages (3)
        - AH 1750 Survey of Art II: Western Art from the Renaissance to the Present (3)
        - AH 1850 Survey of Art III: Art of Africa, Oceania, and the Americas (3)

    c. Studio Foundations (12)

        - ART 1010 Drawing I (3)
        - ART 1020 Two-Dimensional Design (3)
        - ART 1030 Three-Dimensional Design (3)
        - ART 1050 Introductory Studio (3)

Area G: Major Courses (45)

In order to graduate, students must have taken the one CTW course required for this concentration (ART 3910These courses should be taken at the appropriate time, as described below.

1. AH 2000 Survey of Art Since 1900 (3)
2. ART 3910 Critical Issues in Contemporary Art-CTW (3)
3. Three Art History 3000/4000-level elective (9)
4. Complete 19-21 hours in 2000/4000-level courses from among four different studio disciplines. Note: 3000/4000-level studio courses vary from three to four credit hours. Only one 2000-level course is allowed.
5. Studio Concentration (3000/4000 level, select from one discipline previously studied) (6-8)
6. ART 4500 Directed Study in Art (3)

Area H: Minor and Additional Courses

Students seeking the B.A. in Studio Art are not required to take a minor, although they may complete one if they so choose.

B.F.A. in Art Education

Areas A-E: Core Curriculum Recommendations

1. Area B: Cross-cultural Art History courses may be offered in this area as sections of PERS 2001 Perspectives in Comparative Culture (2) or PERS 2003 Perspectives on Human Expression (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 (6)
    a. Select one course in addition, if any were taken in Area C. (3)
        - AH 1700 Survey of Art I: Western Art from Antiquity to the Middle Ages (3)
        - AH 1750 Survey of Art II: Western Art from the Renaissance to the Present (3)
        - AH 1850 Survey of Art III: Art of Africa, Oceania, and the Americas (3)
    b. AH 2000 Survey of Art Since 1900 (3)

See "Admission to Art Education B.F.A." above for complete admission requirements. Once admitted to the Art Education program, students should maintain continual contact with the school and should submit an "Intent to Student Teach" form for the following year. Failure to submit the "Intent to Student Teach" form may result in a delay in student teaching placement and graduation.

Area G: Major Courses

A grade of C- or higher must be earned in all required courses, a grade of B- or higher is required in all Art Education courses, and a GPA of 3.0 is required for all art content courses.

In order to graduate, students must have taken one CTW courses required for this concentration (AE 4200). This course should be taken at the appropriate time, as described below.

Art Education Certification Track: (67)

1. Required Education Courses (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)
2. Required Art History and Studio Courses (27-29)
    a. Art History
        - Two 3000-4000 level AH electives or one 1000-level survey not taken in Area C or F2.a (recommended), and one AH 3000-4000 level (6)
    b. Art Studio
        - 3DS 3050 Hand Building I (3)
        - DPP 3000 Life Drawing (3)

- DPP 3200 Painting with Water-Based Media (3)
- 3DS 3000 Introduction to Sculpture (3)
- Select one:
    - DPP 3200 Painting with Water-Based Media (3)
    - DPP 3300 Painting with Oil-Based Media (3)
    - PHOT 3000 Introduction to Photography (3)
    - DPP 3050 Introduction to Printmaking (3)
- Select two additional courses in one area to satisfy the 24-hour requirement of a studio art concentration. (6-8)

3. Required Art Education Courses (25)
    - AE 4200 Art for Preschool through Fifth Grade (3)
    - AE 4300 Art for Middle and Secondary Schools (3)
    - AE 4400 Media, Technology, and Visual Presentation (3)
    - AE 4600 Teaching Practicum (4) (This course requires a large number of hours spent in observations in schools off campus, so schedules and transportation must be arranged accordingly.)
    - AE 4650 Opening School Experience (0)
    - AE 4750, AE 4760, AE 4770, and AE 4780 (Student Teaching) (12)
4. Select additional courses to complete a minimum of 127 hours. ART 4980 Special Problems (1-6), may be used in order to meet the specified requirements. Consent of Art Education Area Coordinator and instructor required.

Art Education Non-Certification Community-based Teaching Track: (63)

1. Required Education Courses (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)
2. Required Art History and Studio Courses (27-29)
    a. Art History
        - Two 3000-4000 level AH electives or one 1000-level survey not taken in Area C or F2.a (recommended), and one AH 3000-4000 level (6)

    b. Art Studio
        - 3DS 3050 Hand Building I (3)
        - DPP 3000 Life Drawing (3)
        - DPP 3200 Painting with Water-Based Media (3)
        - 3DS 3000 Introduction to Sculpture (3)
        - Select One:
            - DPP 3200 Painting with Water-Based Media (3)
            - DPP 3300 Painting with Oil-Based Media (3)
            - PHOT 3000 Introduction to Photography (3)
            - DPP 3050 Introduction to Printmaking (3)
        - Select two additional courses in one area to satisfy the 24-hour requirement of a studio art concentration. (6-8)
3. Required Art Education Courses (18)
    - AE 4200 Art for Preschool through Fifth Grade (3)

    - AE 4300 Art for Middle and Secondary Schools (3)
    - AE 4400 Media, Technology, and Visual Presentation (3)
    - AE 4000 Selected Topics: Art Education (3) (This course requires a large number of hours spent in observations in community-art organizations, so schedules and transportation must be arranged accordingly.)
    - AE 4800 and AE 4810 Community Arts Internship/Seminar (6)
4. Select additional courses to complete a minimum of 123 hours. ART 4980 Special Problems (1-6), may be used in order to meet the specified requirements. Consent of Art Education Area Coordinator and instructor required.

Minors

Students seeking the B.F.A. in Art Education may not seek a minor.

Application for Entry into Teacher Education

Prior to being approved for entry into the program, art education students must meet professional requirements and standards, including but not limited to displaying professional dispositions and attitudes, the ability to speak in public, professional ethics, and strong content knowledge, as listed in the "Teacher Preparation" chapter of this catalog. Students are evaluated throughout the Art Education program, and their progress is noted during the Entry-to-the-Art-Education-Major and Pre-Student-Teaching Reviews. If students fail to pass benchmark reviews, they may not be allowed to progress to the next course until they demonstrate the competencies in question. Students are also required to have a 2.5 overall cumulative GPA and to have passed the GACE Program Admission Assessment exam. See "Admission to Art Education B.F.A." above for complete admission requirements.

Upon admission to a teacher education program, students will be contacted by the Office of Academic Assistance Office with instructions to claim enrollment in their program and submit a GaPSC Pre-Service Certificate Application. The pre-service certificate is required for placement in required field experiences or clinical practice. Due to the sequence of course offerings, the student's program of study will be delayed for another year if the candidate does not have a pre-service certification by the mid-point of the second semester of art education coursework in AE 4400.

Pre-Student-Teaching Review

One semester prior to student teaching, all student teaching applicants will practice their teaching at a local community school art class before their official student-teaching semester, regardless of whether the applicants have previous teaching experiences or not. Prior to being approved for student teaching, all Art Education students must have met all criteria for entry to the major, and have earned a grade of B- or higher in all art education courses, with a 3.0 GPA for all art courses. Art Education faculty members will review applications according to the teacher certification standards. Students must submit a form declaring their "Intent to Student Teach" immediately upon admission to the Art Education Teacher Education program. 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 advisor.

Georgia Assessments for the Certification of Educators (GACE)

The state of Georgia requires such candidates to take various GACE and Educator Ethics assessments as part of the educator certification process. These computer-delivered assessments have been developed by the Georgia Professional Standards Commission (GaPSC) and are delivered by the Education Testing Service (ETS). You will take these tests at different times.

Program Admission and Content Assessments

Program Admission Assessment [Combined Test I, II, and III (700)] is an admission requirement (unless candidate meets qualifications for exemption – scroll down to "Options to Satisfy the Program Admission Assessment Requirement"). When registering for the assessment, program entry candidates must add their program provider (Georgia State University – school code 5090) as a score recipient when registering or we will not receive notification of completion of the assessment.

Content Assessment (different content assessments for each program) tests your content knowledge and is taken after enrollment and prior to program completion. You will receive specific information regarding this test as you near completion of your program (required for certification).

Georgia Educator Ethics Assessment

Georgia Educator Ethics – Program Entry (350) Assessment is an admission requirement. Completion of this assessment is required for admission, although there is no "Pass/Fail" grade assigned. Program entry candidates must add their program provider (Georgia State University) as a score recipient when registering or we will not receive notification that you have completed the assessment.
Georgia Educator Ethics – Program Exit (360) Assessment is taken after enrollment and prior to program completion. You will receive specific information regarding this test as you near completion of your program (required for certification).

Student Teaching

The Art Education program and the Office of Field Placements (housed in the College of Education and Human Development) will place each student with two placements—elementary and secondary—during the semester of student teaching. Student teaching involves full participation by the students for at least one full academic term. Because student teaching constitutes a full load of academic credit, it is recommended that the students attempt neither regular employment nor other courses during the term of student teaching.

Students electing to complete their Art Education degree in the community-art teaching track will complete a practicum and internship experience at an approved arts organization.

edTPA

edTPA is a preservice assessment process designed by educators to answer the essential question: "Is a new teacher ready for the job?" edTPA includes a review of a teacher candidate's authentic teaching materials as the culmination of a teaching and learning process that documents and demonstrates each candidate's ability to effectively teach their subject matter to all students. edTPA is a program completion and teacher certification requirement. Students may graduate from the Art Education program while continuing to

complete teacher certification requirements for edTPA.

B.F.A. in Studio

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) or PERS 2003 Perspectives on Human Expression (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 (6)
    a. Select one course in addition to any taken in Area C. (3)
        - AH 1700 Survey of Art I: Western Art from Antiquity to the Middle Ages (3)
        - AH 1750 Survey of Art II: Western Art from the Renaissance to the Present (3)
        - AH 1850 Survey of Art III: Art of Africa, Oceania, and the Americas (3)
    b. AH 2000 Survey of Art Since 1900 (3)

Drawing, Painting, and Printmaking (DPP) Concentration

The following courses are required in Area G for students who are accepted into the Drawing, Painting, and Printmaking (DPP) concentration. Prospective students should attend the DPP 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 the Area Coordinator and instructor are required. Acceptance to the DPP concentration is determined by application and portfolio review following completion of at least two DPP 3000-level courses from the art core sequence listed below.

In order to graduate, students must have taken the CTW course required for this concentration (ART 3910). These courses should be taken at the appropriate time, as described below.

Area G: Major Courses (60)

1. Concentration Core Requirements (9)
    - DPP 2100 Advanced Drawing (3)
    - DPP 3000 Life Drawing (3)
    - DPP 3050 Introduction to Printmaking (3)
2. ART 3910 Critical Issues in Contemporary Art-CTW (3)
3. Art History: Select one course (3)

- AH 4610 20th Century Art of Europe & US (3)
- AH 4700 Contemporary Art: Theory and Criticism (3)

4. Art and Art History Electives: any 4000-level art history course and/or one to two 3000/4000-level studio courses outside Drawing, Painting, and Printmaking (6-8)
5. ART 3400 Space, Scale, Time: Digital Possibilities (3)
6. Areas of Emphasis
   Students must elect to follow the Drawing and Painting emphasis or the Printmaking emphasis. Each program of study is described below.

   a. **Drawing and Painting Emphasis Requirements (35-36)**
      - The following courses are required in Area G for students who are accepted into the Drawing and Painting emphasis (16).
        - DPP 3200 Painting with Water-Based Media (3)
        - DPP 3300 Painting with Oil-Based Media (3)
        - DPP 3600 Drawing Research (4)
        - DPP 4940 Portfolio I (3)
        - DPP 4950 Portfolio II-CTW (3) fulfills CTW exit level requirement
      - Select from below for a total of 16 hours: (Students should register for these courses a combined total of 4 times.)
        - 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): (Note: if 6 credit hours were taken in area 4, must take 4 credit hours here)
        - 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. (18)
        - 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)
      - Select from below for a total of 12 hours: (Students should register for these courses a combined total of 4 times.)
        - 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 must be taken in the order listed below. Prospective students should attend a Graphic Design orientation/group advisement offered once each fall. Graphic design course work should begin fall semester of the sophomore year. Additional information about the Graphic Design program is available on the School of Art & Design website at http://artdesign.gsu.edu/undergraduate/bfa-in-studio-concentration/graphic-design/. Students who are not enrolled in Graphic Design courses for more than one semester, during the junior or senior sequences, are required to resubmit an entrance portfolio for review and acceptance.

In order to graduate, students must have taken the CTW course required for this concentration (GRD 3910). This course should be taken at the appropriate time, as described below.

Area G: Major Courses (60)

1. Sophomore Requirements (9)
    a. Sophomore Level (fall) (6)
        - GRD 3000 Introduction to Graphic Design (3)
        - GRD 3150 Introduction to Typography (3)
    b. Sophomore Level (spring) (3)
        - GRD 3200 Intermediate Graphic Design (3)
2. BFA Entrance Review
3. Concentration Requirements (42)
    a. Junior Level (fall) (9)
        - GRD 4020 Advanced Typographic Design (3)
        - GRD 4100 Print and Editorial Design (3)
        - GRD 4310 Multimedia Design (3)
    b. Junior Level (spring) (12)
        - GRD 3910 History of Graphic Design-CTW (3)
        - 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)
    c. 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)
    d. 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-CTW (3)
    e. Select two electives from the list below; other business, marketing, or art courses taken during the B.F.A. curriculum may apply with approval of Area Coordinator. (6)
        - GRD 3300 Illustration: Concepts through Images (3)
        - PHOT 3000 Introduction to Photography (3)

        - PHOT 3010 Film and Darkroom (3)
        - DPP 3250 Screen Print and Experimental Printmaking (4)
        - DPP 3550 Book Arts (3)
        - PHOT 3600 Digital Video for Artist (4)
        - GRD 4840/CSC 4840 Computer Graphics Imaging (3)
        - GRD 4841/CSC 4841 Computer Animation (3)
    f. Select one AH 4000-level Art History (3)
    g. Senior B.F.A. Exit Portfolio Review
    h. Participation in B.F.A. Senior Group 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 & Design. Prospective students should also attend an Interior Design orientation/group advisement offered once each Fall. ART 4980, Special Problems (1-6), may be used to adjust program in order to meet the 60-hour requirement. Consent of the Area Coordinator and instructor required. Students who are not enrolled in Interior Design courses for more than one semester, during the junior or senior sequences, are required to resubmit an entrance portfolio for review and acceptance.

Students pursuing a degree in Interior Design are advised that the educational requirements vary in each state regarding the profession of interior designer.

In order to graduate, students must have taken the CTW course required for this concentration (ID 3910). This course should be taken at the appropriate time, as described below.

Area G: Major Courses (60)

1. Sophomore Level (fall) Requirements in Area G prior to Portfolio Review for acceptance into Interior Design concentration (9)
    a. Sophomore Level (spring)
        - ID 3000 Drafting (3)
        - ID 3300 Interior Design: Theory (3)
        - ID 3910 History of Interior Design I: Antiquities to the Nineteenth Century (3)
2. B.F.A. Entrance Portfolio Review at the end of Fall semester
3. Upper Level Area G Requirements for accepted Interior Design students (36)
    a. Sophomore Level (spring) (13)
        - 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 (2)
    b. Junior Level (fall) (7)
        - ID 4100 Lighting Design (2)

        - ID 4200 Residential Design I (3)
        - ID 4350 Computer-Aided Drafting and Design II (2)
    c. Junior Level (spring) (5)
        - ID 4300 Commercial Design (3)
        - ID 4400 Computer-Aided Drafting and Design III (2)
    d. Senior Level (fall) (6)
        - ID 4000 Interior Design: Selected Topics: (3)
        - ID 4940 Interior Design Portfolio I (3)
    e. Senior Level (spring) (5)
        - ID 4800 Professional Practice (2)
        - ID 4950 Interior Design Portfolio II-CTW (3)
4. Select one 4000-level Art History and one 3000-level studio elective, or select two studio electives (6):
   Interior Design studios listed below are recommended and may be repeated for a maximum of six credit hours.

   - ID 4000 Selected Topics (3)
   - ID 4500 Directed Study (3)
   - ID 4930 Interior Design Internship (3-6) Recommended for summer between junior/senior level and continuing into fall of senior year.
5. Upper level ID students should discuss elective options with their assigned ID Area Coordinator to plan and schedule adequate electives (9) to meet total 60-hour requirement in Area G.
   Recommended elective courses include:

   - ID 4000 Selected Topics (3)
   - ID 4500 Directed Study (3)
   - GRD 3400 Graphic Design Survey
   - RE 3010 Real Estate Principles
   - RE 4050 Development
   - HADM 3010 Perspectives in Hospitality Industry
   - HADM 3350 Meeting and Tradeshow Management
   - THEA 3000 Lighting Design: Theater, Film, and TV
   - THEA 3110 Technical Production II
   - HIST 4215 American Buildings
   - HIST 4220 The American City
   - HIST 4325 Public History and Historic Preservation
   - GERO 2000 Introduction to Gerontology
   - GERO 3124 Diversity and Aging
   - GERO 4116 Aging and Society
   - ART 4980 Special Problems (1-6)
6. Senior Portfolio Review
7. Senior Exhibition

Photography Concentration

The following courses are required in Area G for students who are accepted into the Photography

Concentration. Prospective students should attend the Photography orientation/group advisement offered once each fall. ART 4980 Special Problems (1-6) may be used to adjust program in order to meet the 60-hour requirement. Consent of faculty advisor and instructor required.

In order to graduate, students must have taken the CTW course required for this concentration (ART 3910). This course should be taken at the appropriate time, as described below.

Area G: Major Courses (60)

1. ART 3910 Critical Issues in Contemporary Art-CTW (3)
2. Concentration Requirements (38)
    - PHOT 3000 Introduction to Photography (3)
    - PHOT 3010 Film and Darkroom (3)
    - PHOT 3910 Photo History Seminar (3)
    - PHOT 3100 Alternative Photographic Practice (4)
    - PHOT 3200 Color and Light (4)
    - PHOT 3300 Studio Lighting and Large Format (4)
    - PHOT 3500 Digital Photography (4)
    - PHOT 3600 Digital Video for Artists (4)
    - PHOT 4500 Directed Study in Photography (3-12)
    - PHOT 4940 Portfolio I (3)
    - PHOT 4950 Portfolio II-CTW (3)
3. Select one Art History course at the 4000 level (consult Area Coordinator) (3)
4. Select four studio courses at the 3000/4000 level (consult Area Coordinator) (9-16). Recommended courses:

    - PHOT 3900 Selected Topics (4)
    - PHOT 4930 Internship in Photography (0-3)
    - PHOT 4980 Special Problems (0-3)
    - DPP 3550 Book Arts (3)
5. ART 3400 Space, Scale, Time: Digital Possibilities (3)

Textiles Concentration

The following courses are required in Area G for students who are accepted into the Textiles Concentration. Prospective students should attend the Textiles orientation/group advisement offered once each fall. ART 4980 Special Problems (1-6) may be used to adjust program in order to meet the 60-hour requirement. Consent of Area Coordinator and instructor required.

In order to graduate, students must have taken the CTW courses required for this concentration (ART 3910). This course should be taken at the appropriate time, as described below.

Area G: Major Courses (60)

1. Concentration Requirements (42)
    - TEXT 3000 Introduction to Textiles (3)

    - TEXT 3100 Surface Design I (3)
    - TEXT 3200 Textile Structures I (3)
    - TEXT 3500 Surface Design II (4)
    - TEXT 3700 Heat Techniques with Fabrics (4)
    - TEXT 3800 Digital Textile Design (4)
    - TEXT 3900 Select Topics in Textiles (4)
    - TEXT 3910 Historic Textiles (3)
    - TEXT 4500 Directed Study in Textile Design (8)
    - TEXT 4940 Portfolio I (3)
    - TEXT 4950 Portfolio II-CTW (3)
2. ART 3910 Critical Issues in Contemporary Art-CTW (3)
3. Textiles Elective: Select two courses (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 4930 Internship in Textile Design (3)
    - TEXT 4980 Special Problems (1-6)
4. Select one 3000/4000-level studio (4)
    - DPP 3150 Intaglio/Etching and Lithography (4)
    - DPP 3250 Screen Print and Experimental Printmaking (4)
    - 3DS 3000 Introduction to Sculpture (3)
    - TEXT 3300 Fibers, Fabrics, and Forms (3)
5. ART 3400 Space, Scale, Time: Digital Possibilities (3)

Three-Dimensional Studies Concentration (emphasis in Ceramics or Sculpture)

The following courses are required in Area G for students who are accepted into the Three-Dimensional Studies Concentration, which includes an emphasis in Ceramics or Sculpture. Prospective students should attend the Three-Dimensional Studies orientation/group advisement offered once each fall.

In order to graduate, students must have taken the CTW course required for this concentration (ART 3910). This course should be taken at the appropriate time, as described below.

Area G: Major Courses (60)

1. Concentration Core Requirements (9)
    - 3DS 3000 Introduction to Sculpture (3)
    - 3DS 3050 Hand Building I (3)
    - 3DS 3100 Moldmaking (3)
2. ART 3910 Critical Issues in Contemporary Art-CTW (3)
3. Two-Dimensional Studio Elective (3-4). Select one 3000/4000-level course from the following disciplines:
    - Drawing, Painting and Printmaking (DPP)
    - Photography (PHOT)
    - Interior Design (ID 3000 only)

    - Textiles (TEXT 3100, TEXT 3200, TEXT 3500, TEXT 3600 only)
4. Three Dimensional Studies (3DS) studio Elective (3-4)
5. Select one 4000-level Art History (3)
6. ART 3400 Space, Scale, Time: Digital Possibilities (3)
7. Area of Emphasis
   Students must elect to follow an emphasis in Ceramics or Sculpture. Each program of study is described below. ART 4980, Special Problems (1-6), may be used to adjust program in order to meet the 60-hour requirement. Consent of Area Coordinator and instructor required.

   a. **Ceramics Emphasis Requirements (34-36)**
      - 3DS 3150 Wheel Throwing I (3)
      - 3DS 3300 Intermediate Sculpture (4)
      - 3DS 3350 Ceramic Sculpture (4)
      - 3DS 3650 Ceramic Materials (4)
      - 3DS 4550 Directed Study in Ceramics (8)
      - 3DS 4945 Ceramic Portfolio I (3)
      - 3DS 4955 Ceramic Portfolio II-CTW (3)
      - Studio Elective: Select one (5-7)
        - 3DS 3950 Selected Topics in Ceramics (4)
        - 3DS 4930 Internship (4)
        - 3DS 4980 Special Problems (3)
        - ART 4980 Special Problems (4-5)
   b. **Sculpture Emphasis Requirements (34-36)**
      - 3DS 3300 Intermediate Sculpture (4)
      - 3DS 4500 Directed Studies in Sculpture (8)
      - 3DS 4940 Sculpture Portfolio I (3)
      - 3DS 4950 Sculpture Portfolio II-CTW (3)
      - Studio Electives: Select from below: (16)
        - 3DS 3600 Sculptural Drawing (4)
        - 3DS 3700 Wood Design (4)
        - 3DS 3800 Installation Art (4)
        - 3DS 3900 Selected Topics in Sculpture (4-8)
        - 3DS 4930 Internship (4)
        - ART 4980 Special Problems (1-2)

Area H: Minor and Additional Courses

Students seeking a B.F.A. may not seek a minor due to the focused nature of the B.F.A. degree.

Senior Portfolio Review and Exhibition

Recommendation for graduation with a B.F.A. degree in a studio concentration requires the presentation of a body of work. This includes work completed as part of portfolio courses. B.F.A. candidates who successfully complete portfolio courses 4950 are required to participate in the B.F.A. Senior Group Exhibition.

As an additional condition of graduation for Graphic Design and Interior Design students, a final portfolio

of student work includes portfolio course 4950 projects(s), is to be submitted for review and approval by a Senior Exit Review Committee comprised of area faculty.

Art Education students may participate in the B.F.A. Senior Group Exhibition. Artwork from a student's final portfolio will be recommended by faculty for submission to the exhibition.

Minor in Art or Art History

Students pursuing non-art degrees may take a minor in Art or Art History. The Art Minor is an 18 credit hour program consisting of two 1000-level studio courses, one 1000-level Art History course, two 3000- or 4000-level studio courses, and either one 3000- or 4000-level Art History course or one cross-disciplinary Art History course (3DS 3920, GRD 3910, ID 3910, ID 3920, PHOT 3910, TEXT 3910).

The Art History Minor is an 18 credit hour program consisting of three 1000-level Art History courses and three 3000- or 4000-level Art History courses. A grade of C- or higher is required in all courses counting toward the minor.

10200 Arts Administration – Speech and Theatre

Program Offered:

- **Bachelor of Interdisciplinary Studies with a Concentration in Arts Administration — Speech and Theatre**

The purpose of this program is to provide a broad-based knowledge of the fine arts and business in order to prepare students for managerial positions in the fine arts areas. This program should allow the student with an interest in the arts to develop widely marketable skills. Please contact the School of Film, Media & Theatre 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. 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 10030.20 of this catalog for academic regulations for this program.

In addition to the Program Degree Requirements, students must fulfill the College of the Arts Degree Requirements (see section 10030) 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.

Area F: Courses Appropriate to the Major (18)

1. Required Course (15)
    - THEA 2210 Acting I (3)
    - SCOM 1500 Public Speaking (3)
    - JOUR 1000 Introduction to Mass Communication (3)
    - ECON 2106 Principles of Microeconomics (3)
    - THEA 2100 Play Analysis (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 (Choose one)(3)
    - SCOM 3250 Persuasion-CTW (3) **or**
    - THEA 4070 Western Theatre History-CTW (3)
2. Required Courses (9)
    - Choose one: SCOM 3450 Nonverbal Communication (3) or SCOM 4500 Visual Communication (3)
    - PMAP 3210 Introduction to Nonprofits (3)
    - MUA 3930 Music, Society, and Culture (3) or [MTM 3010 Introduction to the Music Industry (3)
3. Select one Art History course at the 4000 level.
4. Select two additional courses at the 3000/4000 level in Speech and two additional courses at the 3000/4000 level in Theatre for which the prerequisite has been met. No more than 12 hours from one discipline.

Area H: Allied Field (21)

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

1. Required Courses (9)
    - JOUR 3500 Introduction to Public Relations Techniques(3)
    - PMAP 3231 Nonprofit Leadership and Management (3)
    - Choose one: BCOM 3950 Business Communication and Professional Development (3) or SCOM 3060 Communication Law and Regulation (3)
2. Required Courses (6)
    - MK 3010 Marketing Management (3)
    - MK 4300 Advertising (3)
3. Select two courses (6)
    - ENGL 4510 Grant and Proposal Writing (3)
    - JOUR 3560 Public Relations Writing and Projects (3)
    - SCOM 3010 Advanced Public Speaking (3)

Area J: Electives

Electives are used to build the hours in Areas G-J to 60 hours, have 39 hours at Georgia State University taken at the 3000-4000 level for residency, and complete 120 hours required for graduation.

Graduation with Distinction in the Major

This program offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the program director for the specific criteria for this honor.

10300 Film and Media

Programs Offered:

- **Bachelor of Arts in Film and Media**
- **Dual B.A. in Film and Media Studies/ M.A. in Communication, Film and Media Concentration**

School of Film, Media & Theatre
10th Floor, 25 Park Place

Greg Smith, Director
Phil Lewis, Associate Director
The Film and Media major is devoted to the interdisciplinary study of film, television, and new media. Courses focus on the histories and theories of cinematic, electronic, and digital media in addition to providing the opportunity for hands-on experience in film/media production. Students work closely with faculty members to devise an optimum program of study integrating creative and collaborative thinking, critical analysis, primary research, and media production.

The curriculum invites students to discover how meanings circulate through the conventions and alternative practices specific to various media and their institutions. Courses in the major also pay close attention to the broader cultural, social, industrial, and aesthetic contexts out of which media representations emerge. This liberal arts approach to film, television, and new media provides the student with the necessary skills and knowledge to adapt to the changing media environment of the 21st century. The major equips students for active and critical participation in contemporary visual culture.

Internships are available in the Atlanta metro area and beyond. A flexible curriculum has been configured to enable students to pursue interests in production, historical and critical studies, industries and contemporary culture, and screenwriting. Students graduating with a Film and Media major are prepared to succeed in film/media production, in media industries, or in graduate study.

Major Eligibility Requirements

To be eligible for the Film and Media major and to enroll in 3000-4000 level Film and Media courses (i.e., FLME courses), students must fulfill the following requirements:

- Complete [FLME 1010] and FLME 2700 with a minimum grade of C, but a combined grade-point average of 2.5 or better for these two classes.

- This GPA will be calculated based on the first attempt at these FLME courses at Georgia State University. The University's Repeat to Replace Policy may not be used to fulfill this requirement. WFs counts as an attempt. Transfer students who transfer these course(s) into Georgia State, may use the grades in the transferred course(s) to calculate the GPA or they may attempt them once at Georgia State.

Once a student is eligible to take 3000- and 4000-level Film and Media courses, they remain eligible to take them as long as they are eligible to enroll at Georgia State University.

College and University Degree Requirements

In addition to the Major Eligibility Requirements for Film and Media, students must fulfill the College of the Arts Degree Requirements (see section 10030) and the University Degree Requirements (see section 1400).

B.A. in Film and Media

Area F: Courses Appropriate to the Major (18)

1. World language at the 1002 level or higher (3)
   (See "World Language Requirement for B.A. and B.I.S. Majors," previously described.)
2. Required Courses (minimum grade of C is required). (6)
   - FLME 1010 Film Aesthetics and Analysis (3)*
   - FLME 2700 History of the Motion Picture (3)*
3. Select additional elective courses from the following to complete 18 hours in Are F:
   - AAS 1140/HIST 1140 Introduction to African and African-American History and Culture
   - AAS 2010 Introduction to African-American Studies
   - AH 1700 Survey of Art I: Western Art from Antiquity to the Middle Ages
   - AH 1750 Survey of Art II: Western Art from the Renaissance to the Present
   - AH 1850 Survey of Art III: Art of Africa, Oceania, and the Americas
   - ECON 2105 Principles of Macroeconomics
   - ECON 2106 Principles of Microeconomics
   - ENGL 2120 British Literature
   - ENGL 2130 American Literature
   - FLME 2000 Introduction to Film Genres
   - FLME 2800 Introduction to On-Set Production
   - FLME 2801 Georgia Film Academy Internship
   - HIST 1111 Survey of World History to 1500
   - HIST 1112 Survey of World History since 1500
   - HIST 2110 Survey of United States History
   - JOUR 2500 Foundations of Media Research
   - MUA 1500 Jazz: Its Origins, Styles, and Influence
   - MUA 1900 Dramatic Music from the Renaissance through the Twentieth Century
   - MUA 1930 Music, Society, and Culture
   - PHIL 2010 Introduction to Philosophy
   - POLS 2101 Introduction to Political Science

- POLS 2401 Global Issues
- PSYC 1101 Introduction to General Psychology
- SOCI 1101 Introduction to Sociology
- SOCI 1160 Introduction to Social Problems
- SCOM 1500 Public Speaking
- THEA 2040 Introduction to the Theatre
- WGSS 2010 Introduction to Women's, Gender and Sexuality Studies
- World language 1001 (if no previous experience with language)
- World Lang 2001
- World Lang 2002

* Students must have a combined 2.5 grade-point average in these two Area F courses to be eligible for the B.A. program in Film and Media and to take 3000- and 4000-level FLME courses. (See B. A. Program Eligibility Requirements.)

Area G: Major Courses (24)

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

1. Select one of the following courses to fulfill CTW requirement (3):
    - FLME 4650 Media Theory-CTW (3)
    - FLME 4750 Film Theory and Criticism-CTW (3)
2. Required course (3):
    - FLME 4910 Senior Seminar in Film (3)
3. Electives:
   Select a sufficient number of the following courses to bring the course total to the 24 credit hours which complete the major.

    - FLME 3000 Lighting Design for Theatre, Film, and Television (4)
    - FLME 3100 Television Practicum (1-3)
    - FLME 3115 Screenwriting and Visualization for the Short Film/video (4)
    - FLME 3155 Digital Cinematography (4)
    - FLME 3300 Dramatic Writing for Stage and Screen (3)
    - FLME 3700 History of Radio/TV/New Media (3)
    - FLME 3800 Media Industries in Cultural Context (3)
    - FLME 3900 Language of Film through Production (3)
    - FLME 4000 Acting and Directing for the Camera (4)
    - FLME 4120 Production I (3)
    - FLME 4125 Community-Based Media Production (4)*
    - FLME 4130 Production II (4)*
    - FLME 4135 Modes of Film and Digital Production (4)
    - FLME 4140 Serial TV Production (4)
    - FLME 4145 Digital Editing (4)
    - FLME 4150 Documentary Production (4)*
    - FLME 4155 Producing Emerging Media (4)
    - FLME 4156 Media Entrepreneurship (4)
    - FLME 4157 Cross-Media Design (4)

- FLME 4158 New Media Production (4)
- FLME 4159 Computational Media (4)
- FLME 4165 Special Production Topics (3-4)*
- FLME 4170 American Film History I (3)
- FLME 4180 International Cinemas (3)
- FLME 4185 Global Media and Culture (3)
- FLME 4190 US Independent Film History (3)
- FLME 4200 Television Analysis (3)
- FLME 4210 Critical History of Radio and Television (3)
- FLME 4240 Documentary Studies (3)
- FLME 4250 Producing for Film and Television (3)
- FLME 4260 Adapting Literature to Film (3)
- FLME 4280 Authors & Genres (3)
- FLME 4310 Feature Screenwriting I (3)
- FLME 4320 Feature Screenwriting II (3)
- FLME 4361 Sound Design (4)
- FLME 4365 Experimental Media (4)
- FLME 4370 Visual Effects for Film (4)
- FLME 4375 Music Video Production (4)
- FLME 4760 African Americans in Film (3)
- FLME 4765 Gender in Film & TV (3)
- FLME 4770 Race and Representation (3)
- FLME 4780 Special Topics (3-4)*
- FLME 4800 Media Industries (3)
- FLME 4810 Media and Popular Culture (3)
- FLME 4840 Computer Graphic Imaging (4)
- FLME 4870 Honors Thesis: Research (3)*
- FLME 4880 Honors Thesis: Writing (3-6)*
- FLME 4890 Special Projects (3-9)*
- FLME 4915 Special Production Project (3-4)*
- FLME 4960 American Film History II (3)
- FLME 4980 Internship (1-6)**
- FLME 4995 Directed Readings BIS-CTW
- FLME 4999 Directed Readings (1-4)

*Students must obtain consent of instructor for FLME 4125, 4130, 4150, 4165, 4780, 4870, 4880, 4890 and 4915.

** Students must apply in the school before obtaining an internship for credit.

Area H: Minor and Additional Courses

1. Students majoring in Film and Media 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. Students who are double majoring in Film and Media and another area are still required to have a

minor.

Minor in Film and Media

Students who wish to minor in Film and Media must take 15-18 hours in the specific area, including at least nine semester hours at the 3000 level or above. Students taking more than 15 hours in courses in the specific area may count the additional hours toward their electives or may consider completing a double major. A grade of C- or higher is required in all courses counting toward the minor. Students wishing to take 3000- and 4000-level Film and Media (i.e., FLME) courses as part of a minor must first request school registration approval.

DualB.A. in Film and Media/ M.A. in Communication, Film and Media Concentration

The school offers a dual B.A. in Film and Media / M.A. in Communication with a concentration in Film and Media. The dual degree opportunity enables qualified students to enroll in graduate courses late in their undergraduate program and count the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the Dual Degree program by the school and the College of the Arts to be able to take graduate courses as an undergraduate. Additionally, acceptance into the Dual Degree program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Critical Thinking Through Writing Requirement

As of summer 2015, all students are required to complete one Critical Thinking Through Writing (CTW) course as part of the major. The university formerly required two CTW courses. Students following previous catalog requirements who have passed one CTW course in the major should consult with their senior academic advisor to determine which courses may be used as a substitution for the other formerly required CTW course.

Graduation with Distinction in the Major

This school offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the School of Film, Media & Theatre for the specific criteria for this honor.

10400 Music

Programs Offered:

- **Bachelor of Music**
  - **Concentration in Composition**
  - **Concentration in Jazz Studies**
    - **Emphasis in Piano**
    - **Emphasis in Instrumental**
  - **Concentration in Music Education**

        - **Emphasis in Choral/General**
        - **Emphasis in Instrumental**
    - **Concentration in Music Technology (Recording)**
    - **Concentration in Performance**
        - **Emphasis in Piano**
        - **Emphasis in Orchestral Instrument or Guitar**
        - **Emphasis in Organ**
        - **Emphasis in Voice**
- **Bachelor of Science in Music Management**
- **Dual B.Mu./M.Mu. Program**

School of Music
5th floor Haas-Howell Building
404-413-5900

music.gsu.edu
Email: music@gsu.edu

Nick Demos, Interim Director
Robert J. Ambrose, Associate Director for Student Recruitment
Marie Sumner Lott, Undergraduate Director

The mission of the Georgia State University School of Music is to preserve, promote, and advance humanity's rich and expanding tradition of artistic music-making through performance, composition, education, and research in accordance with the urban and global initiatives of the University.

The School of Music meets this mission by providing all university students with courses designed to help them understand and enjoy music, and by offering Bachelor of Music and Bachelor of Science degrees that prepare students for careers in music or further study at the graduate level. The undergraduate degrees in music include specializations in performance, music education, music composition, jazz studies, music technology (recording), and music management. In addition to courses and degree programs, the School of Music offers concerts, recitals, lectures, and workshops that are open to all students and the community.

The School of Music is an accredited institutional member of the National Association of Schools of Music. It participates in the Honors College and offers Honors courses in music. The School of Music also offers scholarships that are awarded to students based on their musical merit and academic achievement.

The School of Music is located in the historic Fairlie-Poplar District in downtown Atlanta. Four buildings comprise the Music Complex: the Haas-Howell Building at 75 Poplar Street, the Rialto Center for the Performing Arts at 80 Forsyth Street, the Standard Building at 92 Luckie Street, and the Aderhold Learning Center at 60 Luckie Street, which houses instrumental and choral rehearsal halls. Some classes are held in the Arts and Humanities Building at 10 Peachtree Center Avenue. Chamber music, faculty, and student recitals are presented in the Kopleff Recital Hall in the Art and Humanities Building. Large ensembles perform throughout the academic year in the Rialto Theater, a 850-seat, state-of-the-art performance venue. The administrative offices are on the fifth floor of the Haas-Howell Building.

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.

Prospective students applying for any **Bachelor of Music** degree program in any concentration (Performance, Composition, Jazz Studies, Music Education, or Music Technology) must perform a live audition before beginning first-year coursework in music. Audition requirements are explained below.

Prospective students applying for the **Bachelor of Science** degree program in Music Management have two options for admissions consideration:

Option 1:

- You may give a live audition as an instrumental performer or vocalist (see below)

Option 1:

- You may submit a digital portfolio as described below.

Equal consideration will be given to either option; students need only complete one of these admissions processes.

Admission to the School of Music is based on (1) the level of musical 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 for Prospective B.Mu. and B.S. Students

The audition requirements are determined by the applicant's instrument and are not tied to the program of study. These requirements can be found on the School of Music website at music.gsu.edu/undergraduate/audition-information/

Digital Portfolio for Prospective B.S. Students Only

The Georgia State University School of Music recognizes that many musicians today have career aspirations beyond performance, including music management, promotion, arts administration and similar fields. Nevertheless, as a NASM-accredited institution, the School of Music requires every music major to engage in active music making at some level. For those students who engage in musical activities outside the traditional genres of classical vocal, classical instrumental, contemporary classical music composition or jazz idioms, the School of Music is interested in learning how you engage in the musical arts. The audition portfolio provides a way for students to demonstrate their musical fluency outside traditional genres.

The digital portfolio should contain a minimum of three and a maximum of five audio and/or video recordings (not to exceed five minutes each) that show evidence of the applicant's significant engagement in music. The successful portfolio will clearly demonstrate facility in non-traditional music making areas including (but not limited to) computer-based music creation/performance, D.J. turntable mixing, and popular musical performance (such as pop/rock band performance videos). Evaluators will base decision on the overall musical quality and recording quality of the submitted electronic selections.

In addition to the audio and/or video recording submissions, the student is required to create and appear in a 60-second video describing the following:

- Professional musical aspirations and goals;
- How he or she may contribute to the musical life of the School of Music; and
- Why Georgia State University is a good fit

Recorded materials will be uploaded via a web link provided at the time of application and evaluated by faculty of the School of Music.

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-level Applied Music course, a $200.00 fee will be charged. For all other Applied Music courses, a $350.00 fee will be charged.

Program Academic Regulations

Undergraduate music degrees (B.Mu. and B.S.) require students to take general education courses in the sciences and humanities, courses in musical foundations, and courses in a concentration of their choice. Foundation courses include music performance, piano, music theory, and music history/literature. In addition to foundation courses, students must complete courses in a concentration. Available concentrations for the B.Mu. degree are: performance, composition, music technology (recording), music education, and jazz studies. The music management curriculum leads to a B.S. degree. Some concentrations have specializations that are detailed below.

Explanation of Applied Music Levels

Applied music consists of individual or small-group performance instruction in a student's principal performing medium. All music majors must study applied music as part of their degree programs.

- 1000 level: Introductory. May be used by students who are admitted to the School of Music but who wish to study in a secondary area. With permission, introductory level courses may also be used by music minors or approved non-majors. 1000-level applied music classes are not applicable to degree requirements in a student's principal performing medium. Authorization is required. One credit hour per semester; one half-hour lesson each week:
- 1001/1002 level: Freshman level. One credit hour per semester; one-hour lesson per week.
- 2001/2002 level: Sophomore level. One or two credit hours per semester; one-hour lesson per week.

- 3001/3002 level: Junior level. One to three credit hours per semester; one-hour lesson per week.
- 4001/4002 level: Senior level. One to three credit hours per semester; one-hour lesson per week.

Musical Ensembles

Musical ensembles (choral groups, jazz ensembles, orchestra, and wind ensembles) are open to all Georgia State University students by audition. Non-music majors should contact the School of Music or the appropriate ensemble director for information on scheduling a pool audition.

Every student who is registered for applied music is required to enroll concurrently in a conducted ensemble. Factors considered in making assignments will include the specific needs and abilities of the student and the requirements of the various ensembles.

All Bachelor of Music students (with the exception of music education) are required to complete a minimum of eight credit hours of ensemble. Only one credit hour of ensemble per semester may be applied to the total. Assignments to specific ensembles are made each fall semester through pool auditions. Students are required to perform in those ensembles to which they are assigned. Students in the jazz studies concentration may count four credit hours of jazz band toward the eight required credit hours of large ensemble.

The Applied Cluster

Music students who register for applied music must also register for both chamber music/performance laboratory and a large ensemble. These activities are collectively known as the Applied Cluster. Students may be required to participate in studio classes, labs, and/or master classes as required by applied instructors.

Program Degree Requirements

In addition to the Program Degree Requirements, students must fulfill the College of the Arts Degree Requirements and the University Degree Requirements, sections 10030.20 and 1400 of this catalog.

Admission to a Concentration

Music students must pass a qualifying examination specific to their concentration during their fourth semester of study. The rising junior jury determines whether the student has made adequate progress to qualify for entry to the 3000-level of applied music study. Students intending to enter the Recording and Technology Concentration or the composition Concentration should contact faculty in those areas about the application and interview process for admission to upper-level (junior and senior) coursework in those areas. Further information about qualifying examinations is available from the School of Music Office

Teacher Education Requirements for Music Education Majors

Music Education faculty evaluate each Music Education student prior to enrollment in upper level methods courses in order to determine their qualifications. These qualifications include 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) a grade of B or higher in MUS 3310 Introduction to Music Education. 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 Music Education/Teacher Education occurs at the end of MUS 3310 Introduction to Music Education using the form supplied by the Music Education faculty. Some of the requirements include completion of 60 credit hours of coursework, including courses required in Areas A through D, and EDUC 2110. Students are also required to have passed or been exempted from the GACE Program Admission Exams (Georgia Assessments for the Certification of Educators, standardized test of basic reading, writing, and mathematics skills), and the Georgia Educators Ethics Assessment. Other exams, including the GACE content exams in music and the edTPA will be completed during the final semester of enrollment at GSU.

See complete requirements for entry to Teacher Education in the Georgia State University College of Education and Human Development section of the catalog 1600.

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

Note: All B.Mu. students must take a mixture of courses from Area F and Area G during all 8 semesters of undergraduate study. First-year and second-year students must enroll in required MUS coursework to avoid a delayed graduation date.

B.Mu. courses to fulfill Critical Thinking Through Writing (CTW) requirement

All B.Mu. students take at least one of the following, as prescribed in concentration Area G requirements.

- MUS 4810 Music History from the Classical Period to the Present-CTW (3)
- MUS 4820 World Music-CTW (3)

Area C:

- Recommended course: It is recommended that Bachelor of Music students complete three hours of Fine Arts with a lower-division music appreciation course.

Composition Concentration

Area F: Courses Related to the Major (18)

1. Required Courses (8)
    - MUS 1440 Theory I (3)
    - MUS 1450 Theory II (3)

    - MUS 1540 Aural Skills I (1)
    - MUS 1550 Aural Skills II (1)
2. MUS 10XX Appropriate large ensemble (4 semesters, 1 credit each) (4)*
    - MUS 1060/MUS 3060 Wind Ensemble (1)
    - MUS 1061/MUS 3061 Wind Orchestra (1)
    - MUS 1070/MUS 3070 Orchestra (1)
    - MUS 1080/MUS 3080 Men's Chorus (1)
    - MUS 1080A University Singers (1)
    - MUS 1081 Choral Union (1)
    - MUS 1082 Women's Chorus (1)
    - MUS 1652 Perimeter College Chorus (1)
    - MUS 1654 Perimeter College Wind Ensemble (1)
    - MUS 1656 DeKalb Symphony Orchestra (1)
    - MUS 1754 Perimeter College Jazz Lab Band (1)
    - MUS 1756 Perimeter College Jazz Ensemble (1)
    - MUS 1758 Perimeter College Chamber Ensembles (1)

      * Ensembles: please not that students are assigned to appropriate ensembles by pool auditions at the beginning of every fall and spring semester.
3. Group Piano (2)
    - MUS 1710 Group Instruction in Piano I (1)
    - MUS 1720 Group Instruction in Piano II (1)
4. Applied Lessons (four semesters)(4):
    - APXX 1001 Applied Music (1)
    - APXX 1002 Applied Music (1)
    - APXX 2001 Applied Music (1)
    - APXX 2002 Applied Music (1)

Area G: Major Courses (60)

1. Performance Requirements (8-11)
    - APXX 3001 Applied Music — Junior I (1)
    - APXX 3002 Applied Music — Junior II (1)
    - MUS 4010 Performance Laboratory or Chamber Music (0/.5) (6 semesters)
    - MUS 3000 Recital I (0)
    - MUS 30XX Appropriate large ensemble (1) (4 semesters)
    - MUS 2710 Group Instruction in Piano III (1)
    - MUS 2720 Group Instruction in Piano IV (1)
2. Theory/Composition Requirements (32)
    - APCP 3001 Applied Composition — Junior I (1)
    - APCP 3002 Applied Composition — Junior II (1)
    - APCP 4001 Applied Composition –Senior I (1)
    - APCP 4001 Applied Composition — Senior II (1)
    - MUS 2440 Theory III (3)
    - MUS 2450 Theory IV (3)
    - 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 (4 semesters) (8)
    - MUS 4450 Advanced Tonal Analysis (3)
    - MUS 4460 Analysis of Post-Tonal Music (3)
    - MUS 4500 Historical Counterpoint (3)
3. Music History/Literature Requirements (9)
    - MUS 4800 Music History from Antiquity through the Baroque Period (3)
    - MUS 4810 Music History from Classical to the Present-CTW (3)
    - MUS 4820 World Music-CTW (3)
4. Choose (6) credit hours from the following:
    - MUS 2490 Basic Conducting (2)
    - MUS 2780 Beginning Jazz Improvisation (1)
    - MUS 3010 Basic Improvisation (1)
    - MUS 4100 Jazz Combo Arranging (1)
    - MUS 4140 Arranging for Chorus (1)
    - MUS 4730 Computer Application in Music (2)
    - MUS 4770 Advanced Aural Skills I (1)
    - MUS 4940 Orchestral Literature I (3)
    - MUS 4941 Orchestral Literature II (3)
    - MUS 4981 Computer Music (3)
    - MUS 4982 Advanced Topics in Computer Music (3)
    - MTM 3010 Introduction to Music Industry (3)
5. Electives (2-5) to complete a minimum of 120 hours.

Jazz Studies Concentration, Emphasis in Piano

Area F: Courses Related to the Major (18)

1. Required Courses (8)
    - MUS 1440 Theory I (3)
    - MUS 1450 Theory II (3)
    - MUS 1540 Aural Skills I (1)
    - MUS 1550 Aural Skills II (1)
2. MUS 10XX Appropriate large ensemble (4 semesters, 1 credit each) (4)*
    - MUS 1060/MUS 3060 Wind Ensemble (1)
    - MUS 1061/MUS 3061 Wind Orchestra (1)
    - MUS 1070/MUS 3070 Orchestra (1)
    - MUS 1080/MUS 3080 Men's Chorus (1)
    - MUS 1080A University Singers (1)
    - MUS 1081 Choral Union (1)
    - MUS 1082 Women's Chorus (1)
    - MUS 1652 Perimeter College Chorus (1)
    - MUS 1654 Perimeter College Wind Ensemble (1)
    - MUS 1656 DeKalb Symphony Orchestra (1)
    - MUS 1754 Perimeter College Jazz Lab Band (1)
    - MUS 1756 Perimeter College Jazz Ensemble (1)
    - MUS 1758 Perimeter College Chamber Ensembles (1)

* Ensembles: please not that students are assigned to appropriate ensembles by pool auditions at the beginning of every fall and spring semester.

3. Group Piano (2)
    - MUS 1710 Group Instruction in Piano I (1)
    - MUS 1720 Group Instruction in Piano II (1)
4. Applied Lessons (four semesters)(4):
    - APXX 1001 Applied Music (1)
    - APXX 1002 Applied Music (1)
    - APXX 2001 Applied Music (1)
    - APXX 2002 Applied Music (1)

Area G: Major Courses (60)

1. Performance Requirements (21-22)
    - APJP 3001 Applied Jazz Piano — Junior I (2)
    - APJP 3002 Applied Jazz Piano — Junior II (2)
    - APJP 4001 Applied Jazz Piano — Senior I (2)
    - APJP 4002 Applied Jazz Piano — Senior II (2)
    - MUS 4010 Performance Laboratory or Jazz Combo (0/.5) (2 semesters)
    - MUS 3160 Jazz Combos (.5) (6 semesters)
    - MUS 3090 Jazz Band (1) (4 semesters)
    - MUS 3000 Recital I (0)
    - MUS 4000 Recital II (0)
    - MUS 2780 Beginning Jazz Improvisation I (1)
    - MUS 2790 Beginning Jazz Improvisation II (1)
    - MUS 4790 Advanced Jazz Improvisation I (1)
    - MUS 4791 Advanced Jazz Improvisation II (1)
    - MUS 4360 Advanced Keyboard Skills (2)
2. Theory/Composition Requirements (15)
    - MUS 2440 Theory III (3)
    - MUS 2450 Theory IV (3)
    - MUS 2540 Aural Skills III (1)
    - MUS 2550 Aural Skills IV (1)
    - MUS 4100 Jazz Combo Arranging (1)
    - MUS 4170 Arranging for the Large Jazz Ensemble (1)
    - MUS 4450 Advanced Tonal Analysis (3)
    - MUS 4792 Jazz Theory (2)
3. Music History/Literature Requirements (11)
    - MUS 4800 Music History from Antiquity through the Baroque Period (3)
    - MUS 4810 Music History from Classical to the Present-CTW (3)
    - MUS 4820 World Music-CTW (3)
    - MUS 4850 Jazz Styles (2)
4. Additional Course Requirements (3)
    - MUS 2010 The Music Business for Jazz Musicians (1)
    - MUS 4220 Jazz Ensemble Techniques (2)
5. Choose (3) credit hours from the following:
    - MUA 3500 Jazz: Its Origins, Styles, and Influences (3)

- MUS 4110 Instrumentation and Orchestration (3)
- MUS 4730 Computer Applications in Music (2)
- MUS 4770 Advanced Aural Skills I (1)
- MTM 3010 Introduction to Music Industry (3)

6. Electives (6-7) credit hours to complete a minimum of 120 hours.

Jazz Studies Concentration, Emphasis in Instrumental

Area F: Courses Related to the Major (18)

1. Required Courses (8)
    - MUS 1440 Theory I (3)
    - MUS 1450 Theory II (3)
    - MUS 1540 Aural Skills I (1)
    - MUS 1550 Aural Skills II (1)
2. MUS 10XX Appropriate large ensemble (4 semesters, 1 credit each) (4)*
    - MUS 1060/MUS 3060 Wind Ensemble (1)
    - MUS 1061/MUS 3061 Wind Orchestra (1)
    - MUS 1070/MUS 3070 Orchestra (1)
    - MUS 1080/MUS 3080 Men's Chorus (1)
    - MUS 1080A University Singers (1)
    - MUS 1081 Choral Union (1)
    - MUS 1082 Women's Chorus (1)
    - MUS 1652 Perimeter College Chorus (1)
    - MUS 1654 Perimeter College Wind Ensemble (1)
    - MUS 1656 DeKalb Symphony Orchestra (1)
    - MUS 1754 Perimeter College Jazz Lab Band (1)
    - MUS 1756 Perimeter College Jazz Ensemble (1)
    - MUS 1758 Perimeter College Chamber Ensembles (1)

    * Ensembles: please not that students are assigned to appropriate ensembles by pool auditions at the beginning of every fall and spring semester.
3. Applied Lessons (four semesters) (6):
    - APXX 1001 Applied Music (1)
    - APXX 1002 Applied Music (1)
    - APXX 2001 Applied Music (2)
    - APXX 2002 Applied Music (2)

Area G: Major Courses (60)

1. Performance Requirements (24-25)
    - APXX 3001 Applied Music — Junior I (2)
    - APXX 3002 Applied Music — Junior II (2)
    - APXX 4001 Applied Music — Senior I (2)
    - APXX 4002 Applied Music –Senior II (2)
    - MUS 4010 Performance Laboratory or Jazz Combo (0/.5) (2 semesters)
    - MUS 3160 Jazz Combos (.5) (6 semesters)
    - MUS 3090 Jazz Band (1) (4 semesters)

    - MUS 3000 Recital I (0)
    - MUS 4000 Recital II (0)
    - MUS 1710 Group Instruction in Piano I (1)
    - MUS 1720 Group Instruction in Piano II (1)
    - MUS 2710 Group Instruction in Piano III (1)
    - MUS 2720 Group Instruction in Piano IV(1)
    - MUS 2780 Beginning Jazz Improvisation I (1)
    - MUS 2790 Beginning Jazz Improvisation II (1)
    - MUS 4750 Jazz Piano Class (1)
    - MUS 4790 Advanced Jazz Improvisation I (1)
    - MUS 4791 Advanced Jazz Improvisation II (1)
2. Theory/Composition Requirements (14)
    - MUS 2440 Theory III (3)
    - MUS 2450 Theory IV (3)
    - MUS 2540 Aural Skills III (1)
    - MUS 2550 Aural Skills IV (1)
    - MUS 4100 Jazz Combo Arranging (1)
    - MUS 4170 Arranging for the Large Jazz Ensemble (1)
    - MUS 4792 Jazz Theory (2)
    - MUS 4850 Jazz Styles (2)
3. Music History/Literature Requirements (9)
    - MUS 4800 Music History from Antiquity through the Baroque Period (3)
    - MUS 4810 Music History from Classical to the Present-CTW (3)
    - MUS 4820 World Music-CTW (3)
4. Additional Course Requirements (3)
    - MUS 2010 The Music Business for Jazz Musicians (1)
    - MUS 4220 Jazz Ensemble Techniques (2)
5. Choose (3) credit hours from the following:
    - MUA 3500 Jazz: Its Origins, Styles, and Influences (3)
    - MUS 2490 Basic Conducting (2)
    - MUS 4110 Instrumentation and Orchestration (3)
    - MUS 4450 Advanced Tonal Analysis (3)
    - MUS 4460 Analysis of Post-Tonal Music (3)
    - MUS 4730 Computer Applications in Music (2)
    - MUS 4770 Advanced Aural Skills I (1)
    - MTM 3010 Introduction to Music Industry (3)
6. Electives (6-7) to complete a minimum of 120 hours.

Music Education Concentration, Emphasis in Choral/General

Area F: Courses Related to the Major (18)

1. Required Courses (8)
    - MUS 1440 Theory I (3)
    - MUS 1450 Theory II (3)
    - MUS 1540 Aural Skills I (1)
    - MUS 1550 Aural Skills II (1)

2. MUS 10XX Appropriate large ensemble (4) (4 semesters, 1 credit each)*
    - MUS 1060/MUS 3060 Wind Ensemble (1)
    - MUS 1061/MUS 3061 Wind Orchestra (1)
    - MUS 1070/MUS 3070 Orchestra (1)
    - MUS 1080/MUS 3080 Men's Chorus (1)
    - MUS 1080A University Singers (1)
    - MUS 1081 Choral Union (1)
    - MUS 1082 Women's Chorus (1)
    - MUS 1652 Perimeter College Chorus (1)
    - MUS 1654 Perimeter College Wind Ensemble (1)
    - MUS 1656 DeKalb Symphony Orchestra (1)
    - MUS 1754 Perimeter College Jazz Lab Band (1)
    - MUS 1756 Perimeter College Jazz Ensemble (1)
    - MUS 1758 Perimeter College Chamber Ensembles (1)

    * Ensembles: please not that students are assigned to appropriate ensembles by pool auditions at the beginning of every fall and spring semester.
3. Group Piano (2)
    - MUS 1710 Group Instruction in Piano I (1)
    - MUS 1720 Group Instruction in Piano II (1)
4. Applied Lessons (four semesters) (4):
    - APXX 1001 Applied Music (1)
    - APXX 1002 Applied Music (1)
    - APXX 2001 Applied Music (1)
    - APXX 2002 Applied Music (1)

Area G: Major Courses (60)

1. Performance Requirements (14)*
    - APXX 3001 Applied Music — Junior I (1)
    - APXX 3002 Applied Music — Junior II (1)
    - APXX 4001 Applied Music — Senior I (1)
    - MUS 4010 Performance Laboratory (0) (7 semesters)
    - MUS 3000 Recital I (0) (optional)
    - MUS 30XX Appropriate large ensemble (1) (3 semesters)
        - *Note: MUS 3071 Collaborative Piano (1) may be substituted for one semester of large ensemble.
    - MUS 2710 Group Instruction in Piano III (1)
    - MUS 2720 Group Instruction in Piano IV (1)
    - MUS 2490 Basic Conducting (2)
    - MUS 4480 Choral Conducting (2)
    - Select one:
        - MUS 1730 or MUS 1740 Group Instruction in Voice I or II (2)
        - MUS 4440 Vocal Pedagogy (2)
        - APXX 1000 Applied Music (2 semesters) (2)
2. Theory/Composition Requirements (8)
    - MUS 2440 Theory III (3)
    - MUS 2450 Theory IV (3)

    - MUS 2540 Aural Skills III (1)
    - MUS 2550 Aural Skills IV (1)
3. Music History & Literature Requirement (6)
    - MUS 4800 Music History Antiquity to Baroque (3)
    - MUS 4820 World Music-CTW (3)
4. Music Education Requirements (24). Students must earn a grade of B or higher in these courses.
    - MUS 3310 Introduction to Music Education (3)
    - MUS 3320 General Music in Early Childhood (3)
    - MUS 3330 General Music in Middle and Secondary Schools (3)
    - MUS 3340 Choral Music in the Schools (3)
    - MUS 4260 Practicum in Music Education (3)
    - MUS 4270 (TE) Student Teaching in Music (6)
    - MUS 4290 (TE) Senior Seminar in Music Education (3)
    - MUS 4650 (TE) Opening School Experience (0)
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)
6. Choose (3) credit hours to complete a minimum of 127 hours from the following:
    - MUS 1710 Group Instruction in Piano I (1)
    - MUS 1720 Group Instruction in Piano II (1)
    - MUS 2780 Beginning Jazz Improvisation (1)
    - MUS 3010 Basic Improvisation (1)
    - MUS 4100 Jazz Combo Arranging (1)
    - MUS 4110 Instrumentation and Orchestration (3)
    - MUS 4140 Arranging for Chorus (1)
    - MUS 4450 Advanced Tonal Analysis (3)
    - MUS 4460 Analysis of Post-Tonal Music (3)
    - MUS 4730 Computer Applications in Music (2)
    - MUS 4810 Music History Classical to Present-CTW (3)

Music Education Concentration, Emphasis in Instrumental

Area F: Courses Related to the Major (18)

1. Required Courses (8)
    - MUS 1440 Theory I (3)
    - MUS 1450 Theory II (3)
    - MUS 1540 Aural Skills I (1)
    - MUS 1550 Aural Skills II (1)
2. MUS 10XX Appropriate large ensemble (4) (4 semesters, 1 credit each)*
    - MUS 1060/MUS 3060 Wind Ensemble (1)
    - MUS 1061/MUS 3061 Wind Orchestra (1)
    - MUS 1070/MUS 3070 Orchestra (1)
    - MUS 1080/MUS 3080 Men's Chorus (1)
    - MUS 1080A University Singers (1)

    - MUS 1081 Choral Union (1)
    - MUS 1082 Women's Chorus (1)
    - MUS 1652 Perimeter College Chorus (1)
    - MUS 1654 Perimeter College Wind Ensemble (1)
    - MUS 1656 DeKalb Symphony Orchestra (1)
    - MUS 1754 Perimeter College Jazz Lab Band (1)
    - MUS 1756 Perimeter College Jazz Ensemble (1)
    - MUS 1758 Perimeter College Chamber Ensembles (1)
      * Ensembles: please not that students are assigned to appropriate ensembles by pool auditions at the beginning of every fall and spring semester.
3. Group Piano (2)
    - MUS 1710 Group Instruction in Piano I (1)
    - MUS 1720 Group Instruction in Piano II (1)
4. Applied Lessons (four semesters) (6):
    - APXX 1001 Applied Music (1)
    - APXX 1002 Applied Music (1)
    - APXX 2001 Applied Music (1)
    - APXX 2002 Applied Music (1)

Area G: Major Courses (60)

1. Performance Requirements (12)*
    - APXX 3001 Applied Music — Junior I (1)
    - APXX 3002 Applied Music — Junior II (1)
    - APXX 4001 Applied Music — Senior I (1)
    - MUS 4010 Performance Laboratory (0) (7 semesters)
    - MUS 3000 Recital I (0) (optional)
    - MUS 30XX Appropriate large ensemble (3 semesters) (3)
    - MUS 2710 Group Instruction in Piano III (1)
    - MUS 2720 Group Instruction in Piano IV (1)
    - MUS 2490 Basic Conducting (2)
    - MUS 4490 Instrumental Conducting (2)
2. Instrumental Techniques Requirements (4)
    - MUS 3230 Brass Techniques (1)
    - MUS 3240 Strings Techniques (1)
    - MUS 3250 Woodwind Techniques (1)
    - MUS 3260 Percussion Techniques (1)
3. Theory/Composition Requirements (8)
    - MUS 2440 Theory III (3)
    - MUS 2450 Theory IV (3)
    - MUS 2540 Aural Skills III (1)
    - MUS 2550 Aural Skills IV (1)
4. Music History & Literature Requirement (6)
    - MUS 4810 Music History from the Classical Period to the Present-CTW (3)
    - MUS 4820 World Music-CTW (3)
5. Music Education Requirements (22). Students must earn a grade of B or higher in these courses.
    - MUS 3310 Introduction to Music Education (3)

- MUS 3358 Teaching Beginning Strings (2)
- MUS 3359 Teaching Beginning Winds and Percussion (2)
- MUS 3360 Teaching Intermediate and Advanced Instrumental Music (3)
- MUS 4260 Practicum in Music Education (3)
- MUS 4270 (TE) Student Teaching in Music (6)
- MUS 4290 (TE) Senior Seminar in Music Education (3)
- MUS 4650 (TE) Opening School Experience (0)

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)
7. Choose (3) credit hours from the following to complete a minimum of 127 hours.:
    - MUS 1710 Group Instruction in Piano I (1)
    - MUS 1720 Group Instruction in Piano II (1)
    - MUS 2780 Beginning Jazz Improvisation (1)
    - MUS 3010 Basic Improvisation (1)
    - MUS 4100 Jazz Combo Arranging (1)
    - MUS 4110 Instrumentation and Orchestration (3)
    - MUS 4140 Arranging for Chorus (1)
    - MUS 4450 Advanced Tonal Analysis (3)
    - MUS 4460 Analysis of Post-Tonal Music (3)
    - MUS 4730 Computer Applications in Music (2)
    - MUS 4810 Music History Classical to Present-CTW(3)

Music Technology Concentration (Sound Recording)

Area F: Courses Related to the Major (18)

1. Required Courses (8)
    - MUS 1440 Theory I (3)
    - MUS 1450 Theory II (3)
    - MUS 1540 Aural Skills I (1)
    - MUS 1550 Aural Skills II (1)
2. MUS 10XX Appropriate large ensemble (4) (4 semesters, 1 credit each)*
    - MUS 1060/MUS 3060 Wind Ensemble (1)
    - MUS 1061/MUS 3061 Wind Orchestra (1)
    - MUS 1070/MUS 3070 Orchestra (1)
    - MUS 1080/MUS 3080 Men's Chorus (1)
    - MUS 1080A University Singers (1)
    - MUS 1081 Choral Union (1)
    - MUS 1082 Women's Chorus (1)
    - MUS 1652 Perimeter College Chorus (1)
    - MUS 1654 Perimeter College Wind Ensemble (1)
    - MUS 1656 DeKalb Symphony Orchestra (1)
    - MUS 1754 Perimeter College Jazz Lab Band (1)
    - MUS 1756 Perimeter College Jazz Ensemble (1)

    - MUS 1758 Perimeter College Chamber Ensembles (1)
      * Ensembles: please not that students are assigned to appropriate ensembles by pool auditions at the beginning of every fall and spring semester.
3. Group Piano (2)
    - MUS 1710 Group Instruction in Piano I (1)
    - MUS 1720 Group Instruction in Piano II (1)
4. Applied Lessons (four semesters) (4):
    - APXX 1001 Applied Music (1)
    - APXX 1002 Applied Music (1)
    - APXX 2001 Applied Music (1)
    - APXX 2002 Applied Music (1)

Area G: Major Courses (60)

1. Performance Requirements (6-8)
    - MUS 4010 Performance Laboratory or Chamber Music (0/.5) (4 semesters)
    - MUS 30XX Appropriate large ensemble (1) (4 semesters)
    - MUS 2710 Group Instruction in Piano III (1)
    - MUS 2720 Group Instruction in Piano IV (1)
2. Theory/Composition Requirements (8)
    - MUS 2440 Theory III (3)
    - MUS 2450 Theory IV (3)
    - [MUS2540] Aural Skills III (1)
    - [MUS2550] Aural Skills IV (1)
3. Music History/Literature Requirements (9)
    - MUS 4800 Music History from Antiquity through the Baroque Period (3)
    - MUS 4810 Music History from Classical to the Present-CTW (3)
    - MUS 4820 World Music-CTW (3)
4. Music Technology/Recording (31-33)
    - PHYS 2030K Physical Science: Physics of Music and Speech (3)
    - MTM 3010 Introduction to Music Industry (3)
    - MTM 3040 Practicum (2) (optional)
    - MTM 3080 Internship (6)
    - MTM 3110 Introduction to Audio Recording (4)
    - MTM 3120 Digital Audio Technology and Recording Techniques (4)
    - MTM 3130 Advanced Topics in Recording and Audio Production (4)
    - MTM 3230 Audio Post-Production (4)
    - MTM 4900 Music Technology Final Project (3)
5. Choose (3) credit hours from the following:
    - MUS 2490 Basic Conducing (2)
    - MUS 2780 Beginning Jazz Improvisation (1)
    - MUS 3010 Basic Improvisation (1)
    - MUS 4100 Jazz Combo Arranging (1)
    - MUS 4110 Instrumentation and Orchestration (3)
    - MUS 4140 Arranging for Chorus (1)
    - MUS 4450 Advanced Tonal Analysis (3)
    - MUS 4460 Analysis of Post-Tonal Music (3)

    - MUS 4940 Orchestral Literature I (3)
    - MUS 4941 Orchestral Literature II (3)
    - MUS 4981 Computer Music (3)
    - MUS 4982 Advanced Topics in Computer Music (3)
6. Electives (0-3) to complete a minimum of 120 hours.

Performance Concentration, Emphasis in Piano

Area F: Courses Related to the Major (18)

1. Required Courses (8)
    - MUS 1440 Theory I (3)
    - MUS 1450 Theory II (3)
    - MUS 1540 Aural Skills I (1)
    - MUS 1550 Aural Skills II (1)
2. MUS 10XX Appropriate large ensemble (4) (4 semesters, 1 credit each)*
    - MUS 1060/MUS 3060 Wind Ensemble (1)
    - MUS 1061/MUS 3061 Wind Orchestra (1)
    - MUS 1070/MUS 3070 Orchestra (1)
    - MUS 1080/MUS 3080 Men's Chorus (1)
    - MUS 1080A University Singers (1)
    - MUS 1081 Choral Union (1)
    - MUS 1082 Women's Chorus (1)
    - MUS 1652 Perimeter College Chorus (1)
    - MUS 1654 Perimeter College Wind Ensemble (1)
    - MUS 1656 DeKalb Symphony Orchestra (1)
    - MUS 1754 Perimeter College Jazz Lab Band (1)
    - MUS 1756 Perimeter College Jazz Ensemble (1)
    - MUS 1758 Perimeter College Chamber Ensembles (1)

    * Ensembles: please not that students are assigned to appropriate ensembles by pool auditions at the beginning of every fall and spring semester.
3. Applied Lessons (four semesters) (6):
    - APPF 1001 Applied Classical Piano — Freshman I (1)
    - APPF 1002 Applied Classical Piano — Freshman II (1)
    - APPF 2001 Applied Classical Piano — Sophomore I (2)
    - APPF 2002 Applied Classical Piano — Sophomore II (2)

Area G: Major Courses (60)

1. Performance Requirements (21)*
    - APPF 3001 Applied Classical Piano — Junior I (3)
    - APPF 3002 Applied Classical Piano — Junior II (3)
    - APPF 4001 Applied Classical Piano — Senior I (3)
    - APPF 4002 Applied Classical Piano — Senior II (3)
    - MUS 4010 Performance Laboratory (0) (8 semesters)
    - MUS 3000 Recital I (0)
    - MUS 4000 Recital II (0)

    - MUS 30XX Appropriate large ensemble (1) (4 semesters)
        - *Note: MUS 3071 Collaborative Piano (1) may be substituted for one semester of large ensemble.
    - MUS 2490 Basic Conducting (2)
    - MUS 4360 Advanced Keyboard Skills (2)
    - MUS 4530 Accompanying (1)
2. Theory/Composition Requirements (11)
    - MUS 2440 Theory III (3)
    - MUS 2450 Theory IV (3)
    - MUS 2540 Aural Skills III (1)
    - MUS 2550 Aural Skills IV (1)
    - Select one:
        - MUS 4450 Advanced Tonal Analysis (3)
        - MUS 4460 Analysis of Post-Tonal Music (3)
        - MUS 4500 Historical Counterpoint (3)
3. Music History/Literature Requirements (12)
    - MUS 4610 Piano Literature (3)
    - MUS 4800 Music History from Antiquity through the Baroque Period (3)
    - MUS 4810 Music History from Classical to the Present-CTW (3)
    - MUS 4820 World Music-CTW (3)
4. MUS 4410 Piano Pedagogy I (3)
5. Choose (6) credit hours from the following:
    - MUS 2780 Beginning Jazz Improvisation (1)
    - MUS 3010 Basic Improvisation (1)
    - MUS 4100 Jazz Combo Arranging (1)
    - MUS 4110 Instrumentation and Orchestration (3)
    - MUS 4140 Arranging for Chorus (1)
    - MUS 4450 Advanced Tonal Analysis (3) [if not taken in category 2 above]
    - MUS 4460Analysis of Post-Tonal Music (3) [if not taken in category 2 above]
    - MUS 4480 Choral Conducting (2)
    - MUS 4490 Instrumental Conducting (2)
    - MUS 4500 Historical Counterpoint (3) [if not taken in category 2 above]
    - MUS 4730 computer Application n Music (2)
    - MUS 4770 Advanced Aural Skills (1)
    - MUS 4940 Orchestral Literature I (3)
    - MUS 4941 Orchestral Literature II (3)
    - MTM 3010 Introduction to the Music Industry (3)
6. Electives (7) to complete a minimum of 120 hours.

Performance Concentration, Emphasis in Orchestral Instruments or Guitar

Area F: Courses Related to the Major (18)

1. Required Courses (8)
    - MUS 1440 Theory I (3)
    - MUS 1450 Theory II (3)
    - MUS 1540 Aural Skills I (1)

    - MUS 1550 Aural Skills II (1)
2. MUS 10XX Appropriate large ensemble (4) (4 semesters, 1 credit each)*
    - MUS 1060/MUS 3060 Wind Ensemble (1)
    - MUS 1061/MUS 3061 Wind Orchestra (1)
    - MUS 1070/MUS 3070 Orchestra (1)
    - MUS 1080/MUS 3080 Men's Chorus (1)
    - MUS 1080A University Singers (1)
    - MUS 1081 Choral Union (1)
    - MUS 1082 Women's Chorus (1)
    - MUS 1652 Perimeter College Chorus (1)
    - MUS 1654 Perimeter College Wind Ensemble (1)
    - MUS 1656 DeKalb Symphony Orchestra (1)
    - MUS 1754 Perimeter College Jazz Lab Band (1)
    - MUS 1756 Perimeter College Jazz Ensemble (1)
    - MUS 1758 Perimeter College Chamber Ensembles (1)

      * Ensembles: please not that students are assigned to appropriate ensembles by pool auditions at the beginning of every fall and spring semester.
3. Applied Lessons (four semesters) (6):
    - APXX 1001 Applied Music (1)
    - APXX 1002 Applied Music (1)
    - APXX 2001 Applied Music (2)
    - APXX 2002 Applied Music (2)

Area G: Major Courses (60)

1. Performance Requirements (22-26)
    - APXX 3001 Applied Music (3)
    - APXX 3002 Applied Music (3)
    - APXX 4001 Applied Music (3)
    - APXX 4002 Applied Music (3)
    - MUS 4010 Performance Laboratory (0) (8 semesters)
    - MUS 30XX Appropriate large ensemble (4 semesters) (4)
    - MUS 3000 Recital I (0)
    - MUS 4000 Recital II (0)
    - MUS 1710 Group Instruction in Piano I (1)
    - MUS 1720 Group Instruction in Piano II (1)
    - MUS 2710 Group Instruction in Piano III (1)
    - MUS 2720 Group Instruction in Piano IV (1)
    - MUS 2490 Basic Conducting (2)
2. Theory/Composition Requirements (11)
    - MUS 2440 Theory III (3)
    - MUS 2450 Theory IV (3)
    - MUS 2540 Aural Skills III (1)
    - MUS 2550 Aural Skills IV (1)
    - Select one:
        - MUS 4450 Advanced Tonal Analysis (3)
        - MUS 4460 Analysis of Post-Tonal Music (3)

        - MUS 4500 Historical Counterpoint (3)
3. Music History/Literature Requirements (12)
    - MUS 4800 Music History from Antiquity through the Baroque Period (3)
    - MUS 4810 Music History from Classical to the Present-CTW (3)
    - MUS 4820 World Music-CTW (3)
    - Select one:
        - MUS 4940 Orchestral Literature I (3)
        - MUS 4941 Orchestral Literature II (3)
        - MUS 4500 Historical Counterpoint (3)
4. Choose (6) credit hours from the following to complete a minimum of 120 hours:
    - APXX 1000 (up to 3 credits)
    - MUS 2780 Beginning Jazz Improvisation (1)
    - MUS 3010 Basic Improvisation (1)
    - MUS 3230 Brass Techniques (1)
    - MUS 3240 String Techniques (1)
    - MUS 3250 Woodwind Techniques (1)
    - MUS 3260 Percussion Techniques (1)
    - MUS 4100 Jazz Combo Arranging (1)
    - MUS 4110 Instrumentation and Orchestration (3)
    - MUS 4140 Arranging for Chorus (1)
    - MUS 4210 Composition Seminar (2)
    - MUS 4450 Advanced Tonal Analysis (3) [if not taken in category 2 above]
    - MUS 4460Analysis of Post-Tonal Music (3) [if not taken in category 2 above]
    - MUS 4480 Choral Conducting (2)
    - MUS 4490 Instrumental Conducting (2)
    - MUS 4500 Historical Counterpoint (3) [if not taken in category 2 above]
    - MUS 4730 computer Application n Music (2)
    - MUS 4770 Advanced Aural Skills (1)
    - MUS 4940 Orchestral Literature I (3)
    - MUS 4941 Orchestral Literature II (3)
    - MTM 3010 Introduction to the Music Industry (3)
5. Electives (5-9) to complete a minimum of 120 hours.

Performance Concentration, Emphasis in Voice

Area F: Courses Related to the Major (18)

1. Required Courses (8)
    - MUS 1440 Theory I (3)
    - MUS 1450 Theory II (3)
    - MUS 1540 Aural Skills I (1)
    - MUS 1550 Aural Skills II (1)
2. MUS 10XX Appropriate large ensemble (4) (4 semesters, 1 credit each)*
    - MUS 1060/MUS 3060 Wind Ensemble (1)
    - MUS 1061/MUS 3061 Wind Orchestra (1)
    - MUS 1070/MUS 3070 Orchestra (1)
    - MUS 1080/MUS 3080 Men's Chorus (1)

    - MUS 1080A University Singers (1)
    - MUS 1081 Choral Union (1)
    - MUS 1082 Women's Chorus (1)
    - MUS 1652 Perimeter College Chorus (1)
    - MUS 1654 Perimeter College Wind Ensemble (1)
    - MUS 1656 DeKalb Symphony Orchestra (1)
    - MUS 1754 Perimeter College Jazz Lab Band (1)
    - MUS 1756 Perimeter College Jazz Ensemble (1)
    - MUS 1758 Perimeter College Chamber Ensembles (1)

      * Ensembles: please not that students are assigned to appropriate ensembles by pool auditions at the beginning of every fall and spring semester.
3. Group Piano (2)
    - MUS 1710 Group Instruction in Piano I (1)
    - MUS 1720 Group Instruction in Piano II (1)
4. Applied Lessons (four semesters)(4):
    - APVC 1001 Applied Voice–Freshman I (1)
    - APVC 1002 Applied Voice–Freshman II (1)
    - APVC 2001 Applied Voice–Sophomore I (1)
    - APVC 2002 Applied Voice–Sophomore II (1)

Area G: Major Courses (60)

1. Performance Requirements (26)
    - APVC 3001 Applied Voice–Junior I (2)
    - APVC 3002 Applied Voice–Junior II (2)
    - APVC 4001 Applied Voice–Senior I (2)
    - APVC 4002 Applied Voice–Senior II (2)
    - MUS 4010 Performance Laboratory (0) (8 semesters)
    - MUS 30XX Appropriate large ensemble (4 semesters) (4)
    - MUS 3000 Recital I (0)
    - MUS 4000 Recital II (0)
    - MUS 2720 Group Instruction in Piano III (1)
    - MUS 2720 Group Instruction in Piano IV (1)
    - MUS 2490 Basic Conducting (2)
    - MUS 4011 Singing in English, Italian, and Latin (1)
    - MUS 4021 Singing in German (1)
    - MUS 4031 Singing in French (1)
    - MUS 2490 Basic Conducting (2)
    - MUS 3010 Basic Improvisation (1)
    - MUS 3100 Opera Workshop (4 semesters) (4)
    - MUS 3105 Acting for Singers (2)
2. Theory/Composition Requirements (8)
    - MUS 2440 Theory III (3)
    - MUS 2450 Theory IV (3)
    - MUS 2540 Aural Skills III (1)
    - MUS 2550 Aural Skills IV (1)
3. Music History/Literature Requirements (12)

    - MUS 4620 Vocal Literature (3)
    - MUS 4800 Music History from Antiquity through the Baroque Period (3)
    - MUS 4810 Music History from Classical to the Present-CTW (3)
    - MUS 4820 World Music-CTW (3)
4. Foreign Language: (9)
    - FREN 1001 Elementary French I (3)
    - GRMN 1001 Elementary German I (3)
    - select 3 credits of foreign language studies (e.g., FREN 1002 or GRMN 1002 or a third language, in consultation with the studio instructor)
5. MUS 4440 Vocal Pedagogy (2)
6. Electives (3) to complete a minimum of 120 hours.

B.S. In Music, Concentration in Music Management

Area F: Courses Appropriate to the Major (18)

Students in the B.S. program are advised to take a combination of courses from Area F and Area G during their first and second year of study.

1. Required Courses (10): Course options are dependent upon the results of Theory Placement
    - If placed in MUS 1430 Fundamentals of Music (3):
        - MUS 1430 Fundamentals of Music (3) and MUS 1440 Theory I (3)
    - If placed in MUS 1440 Theory I (3):
        - MUS 1440 Theory I (3) and MUS 1450 Theory II (3)
    - If placed in MUS 1450 Theory II (3):
        - [MUS 1450 Theory II (3) and MUS 2440 Theory III (3)
    - MUS 1540 Aural Skills I (1)
    - ACCT 2101 Principles of Accounting I (3)
2. MUS 10XX Appropriate large ensemble (4 semesters)* (4)
    - MUS 1090/MUS 3090 Jazz Band (1)
    - MUS 1060/MUS 3060 Wind Ensemble (1)
    - MUS 1061/MUS 3061 Wind Orchestra (1)
    - MUS 1070/MUS 3070 Orchestra (1)
    - MUS 1080/MUS 3080 Men's Chorus (1)
    - MUS 1080A University Singers (1)
    - MUS 1081 Choral Union (1)
    - MUS 1082 Women's Chorus (1)
    - MUS 1652 Perimeter College Chorus (1)
    - MUS 1654 Perimeter College Wind Ensemble (1)
    - MUS 1656 DeKalb Symphony Orchestra (1)
    - MUS 1754 Perimeter College Jazz Lab Band (1)
    - MUS 1756 Perimeter College Jazz Ensemble (1)
    - MUS 1758X Perimeter College Chamber Ensembles (1)
      * Ensembles: please note that students are assigned to appropriate ensembles by pool audition at the beginning of every fall and spring semester.
3. Select two of the following options (4):

- APXX 1001 Applied Music — Freshman I (1) and APXX 1002 Applied Music-Freshman II (1)
- MUS 30XX Appropriate large ensemble (2 semesters) (2)
- MUS 1710 Group Instruction n Piano I (1) and MUS 1720 Group Instruction in Piano II (1)
- MUS 1800 Introduction to Guitar (2)

Area G: Major Courses (60)

1. Composition Requirement (2)
    - MUS 4730 Computer Applications in Music (2)
2. Music History/Literature Requirements (3)
    - Select one:
        - MUA 3810 History of African-American Music (3)
        - MUA 3970 Rhythm 'N' Blues, Rock, and Rap (3)
        - MUA 3950 Popular and Folk Music of the world (3)
3. Critical Thinking Through Writing (CTW) Requirement (3)
    - MTM 3440 Entrepreneurship Music Industry-CTW (3)
4. Music Management (22-23)
    - 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 (6-7) credit hours:
        - MTM 3020 Promotion of Recorded Music (3)
        - MTM 3040 Practicum (2)
        - MTM 3300 Copyright and Music Publishing (3)
        - MTM 3450 Artist Representation (2)
5. Business Requirements (15)
    - Required courses:
        - ACCT 2102 Principles of Accounting II (3)
    - Select (12) credit hours:
        - BCOM 3950 Business Communication and Professional Development (3)
        - BUSA 2106 The Legal & Ethical Environment of Business (3)
        - BUSA 3000 Globalization and Business Practice (3)
        - BUSA 3090 Survey of Business Principles for Non-Business Students (3)
        - CIS 2010 Introduction to Computer-Based Information Systems (3)
        - CMIS 4000 New Ventures in Creative Media (3)
        - ECON 2106 Principles of Microeconomics (3)
        - ECON 2105 Principles of Macro Economics (3)
        - ENI 3101 Entrepreneurial Thing for Startups (3)
        - MGS 3400 Managing People in Organizations (3)
        - MK 3010 Basic Marketing (3)
        - MK 4100 Buyer Behavior (3)
        - MK 4300 Advertising (3)

        - MK 4305 Social Media Marketing (3)
6. Choose 14-15 credit hours to complete a minimum of 120 hours.

Minor in Music

The School of Music offers a minor in music with either an emphasis in general music studies or in music management. A background in music is helpful but not necessary. The minor requires 18 semester hours of course work in music, 9 of which must be at the 3000-4000 level. Required courses include music theory, music history, performance, and electives. Certain prerequisites may not count toward the requirements for the minor. Interested students should contact the School of Music for further information.

Dual B.Mu./M.Mu. Program

The school offers a dual Bachelor of Music and Master of Music program. The dual degree opportunity enables qualified students to enroll in graduate courses late in their undergraduate program and apply the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by the school and College of the Arts to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following school and college processes.

Graduation with Distinction in the Major

This school offers undergraduate students the opportunity to earn the designation of graduation with distinction in the major. Please contact the School of Music for the specific criteria for this honor.

10500 Theatre

Programs Offered:

- **Bachelor of Interdisciplinary Studies in Theatre**
    - **Concentration in Performance Studies**
    - **Concentration in Design and Production**
- **Minor in Theatre**

The B.I.S. in Theatre program 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. 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 School of Film, Media & Theatre are available to advise for the B.I.S. in Theatre degree.

Program Degree Requirements

Please refer to the Bachelor of Interdisciplinary Studies section 10030.20 of this catalog for academic regulations for this program.

In addition to the Program Degree Requirements, students must fulfill the College of the Arts Degree Requirements (see section 10030) and the University Degree Requirements (see section 1400).

Bachelor of Interdisciplinary Studies in Theatre

Area F: Courses Appropriate to the Major (18)

1. Required Courses (13)
    - World language at the 1002 or higher level (3)
    - THEA 2210 Beginning Acting (3)
    - THEA 2100 Play Analysis for Production(3)
    - Select four hours from the following (4):
        - THEA 2010 Theatrical Design and Production (4) or
        - THEA 1607 Stagecraft Skills (3)* and select one of the following:
            - THEA 1701 Theatre Practicum (1)*
            - THEA 1702 Technical Theatre Practicum (1)
2. Select additional elective courses to complete at least 18 hours in Area F:
    - Required for students with a concentration in Design and Production:
        - AH 1750 Survey of Art II: Western Art from the Renaissance to the Present (3)
        - Select one from the following:
            - ART 1010 Drawing I (3)
            - ART 1020 Two-Dimensional Design (3)
            - ART 1030 Three-Dimensional Design (3)
    - Recommended for students with a concentration in Performance Studies:
        - ENGL 2120 British Literature (3)
        - ENGL 2130 American Literature (3)
        - FLME 1010 Film Aesthetics and Analysis (3)**
        - FLME 2700 History of the Motion Picture (3)**
        - THEA 1550 Dance Technique for the Performer (3)*
        - THEA 1551 Tap Dance I (1)*
        - THEA 1552 Tap Dance II (1)*
        - THEA 1553 Jazz Dance I (1)*
        - THEA 1554 Jazz Dance II (1)*
        - THEA 1556 Social Dance I (1)*
        - THEA 1610 Improving Voice and Articulation for the Actor (3)*
        - THEA 1650 Design Skills for the Theatre (3)*

- THEA 1660 Makeup for the Stage (3)*
- THEA 1701 Theatre Practicum (1)*
- THEA 1702 Technical Theatre Practicum (1)
- THEA 1758A Music Theatre Ensemble (1)*
- THEA 2212 Intermediate Acting (3)*
- THEA 2345 Audition Portfolio (2)*
- THEA 2401 Scenery Skills for the Theatre (3)*
- THEA 2402 Costume Skills for the Theatre (3)*
- THEA 2403 Lighting and Sound Skills For The Theatre (3)*
- THEA 2450 Stage and Theatre Management (3)*
- THEA 2607 Children's Theatre Production (3)*
- THEA 2611 Staging and Rehearsal Skills (3)*
- THEA 2613 Applied Theatre Workshop (3)*

THEA 1701 or THEA 1702 may each be taken two times for credit or once each if both courses are taken for credit.

*Courses currently only offered at Perimeter College.

**To be eligible to take 3000-4000 level Film courses FLME 1010 and FLME 2700 Require grades of C or higher and 2.5 combined grade-point average on the first attempt.

Many of the courses listed above are required prerequisites for Theatre B.I.S. courses in Area G and H. Students should select Area F courses in consultation with a B.I.S. faculty advisor.

Performance Studies Concentration

Area G. Area of Concentration – Performance Studies (25-27)

1. Required Course to fulfill CTW requirement (3):
    - THEA 4070 Western Theatre History-CTW (3)
2. Required Courses (16):
    - 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, Area G, or Electives.)
    - THEA 4760 Performance Theory and Practice (3)
    - THEA 4850 Directing (3)
    - THEA 4950 Production Seminar (4) (Note: This course may be repeated once under different topics as part of the Allied Field, Area G, or Electives.)
3. Select two courses (6-8):
    - AAS 4650 African-American Theatre (3)
    - FLME 3300 or THEA 3300 Dramatic Writing for Stage and Screen (3)
    - FLME 4000 or THEA 4000 Acting for the Camera (4)
    - THEA 4210 Acting Styles (3)
    - THEA 4950 Production Seminar (4)
    - THEA 4860 Special Topics (3)
    - THEA 4980 Internship (1-6) (Note: This course should be taken at 3 credit hours taken in

Area G)

Area H. Allied Field – Thematic Concentrations (15-16)

In consultation with B.I.S. faculty advisor, choose one of the course clusters below, and then choose four courses within that cluster. Students can also create a four-course, student-planned cluster that must be approved by a B.I.S. faculty advisor.

Drama and Literature

- AAS 4650/THEA 4090 African-American Theatre (if not taken in Area G)
- ENGL 3280 English Drama before 1800
- ENGL 3860 American Drama
- ENGL 3930 Modern Drama
- ENGL 4130 Shakespeare, Earlier Works
- ENGL 4140 Shakespeare, Later Works
- FLME 3300/THEA 3300 Dramatic Writing for Stage an Screen (3) (if not taken in Area G)
- FLME 4260 Adapting Literature to Film
- RELS 4260 Religion and Literature
- THEA 4210 Acting Styles

Theatre and Arts: Gender and Race

- AH 4620 African-American Art
- AH 4720/WGSS 4720 Feminist Issues in Contemporary Art
- AAS 4330 The Blacks Arts Movement
- AAS 4360 Studies of Black Dance
- AAS 4650/THEA 4090 African-American Theatre (if not taken in Area G)
- AAS 4776/HIST 4776 Africa and Hollywood: Myth, Romance, and Savage Imagery
- AAS 4900/FLME 4760 African-Americans in Film
- AAS 950 African-American Popular Culture
- FLME 4765/WGSS 4340 Gender in Film and Television
- FLME 4770 Race and Representation
- THEA 4210 Acting Styles
- CHIN 3083 Modern China through Film
- HIST 3260 The Harlem Renaissance
- HIST 3540 Film and the Holocaust
- WGSS 4150 Women and Media

Writing for Stage and Screen

- ENGL 3150A Introduction to Creative Writing-Poetry
- [EGL 3150B] Introduction to Creative Writing-Fiction
- ENGL 3160 Narrative Techniques
- FLME 3115 Screenwriting & Visualization for the Short Film/Video
- FLME 4260 Adapting Literature to Film
- FLME 4310 Feature Screenwriting I

- FLME 4320 Feature Screenwriting II
- THEA 3300/FLME 3300 Dramatic Writing for Stage and Screen (if not taken in Area G)

Arts and Entertainment Industry

- BUSA 3090 Survey of Business for Non-Business
- ECON 3050 Economics of Art, Entertainment, and Culture
- FLME 4156 Media and Entrepreneurship
- CMIS 4000 New Ventures in Creative Media
- CMIS 4010 Media Business Development
- FLME 4185 Global Media and Culture
- FLME 4800 Media Industries
- HIST 3635 Media, Technology, and Popular Culture
- MTM 3010 Introduction to the Music Industry
- MTM 3030 Marketing and Branch Sales in the Music Industry
- MTM 3050 Legal Aspects of the Music Industry
- MTM 3440 Entrepreneurship in the Music Industry
- MTM 3450 Artist Representation

Film Studies and Production

- THEA 3300/FLME 3300 Dramatic Writing for the Stage Screen (if not taken in Area G)
- FLME 4000/THEA 4000 Acting for the Camera (if not taken in Area G)
- FLME 4120 Production I
- FLME 4170 American Film History
- FLME 4180 International Cinemas
- FLME 4200 Television Analysis
- FLME 4250 Producing for Television and Film
- FLME 4760 African-American in Film
- FLME 4765 Gender in Film and Television
- FLME 4800 Media Industries
- FLME 4960 American Film History II

Electives

Select additional courses to complete a minimum of 120 hours.

Design & Production Concentration

Area G. Area of Concentration – Design & Production (29-31)

1. Required course to fulfill CTW requirement (3)
    - THEA 4070 Western Theatre History-CTW (3)
2. Required Courses (20-22):
    - THEA 3000 Lighting Design for Theatre (4)
    - THEA 3110 Technical Production II (3)
    - THEA 4050 Directed Activities – Technical Theatre (3-5) (This is a 1-3 credit course that

may be repeated for a maximum of nine credit hours.)
    - THEA 4130 Stage Management (3)
    - THEA 4950 Production Seminar (4) (Note: This class may be repeated under a different topic, in Electives)
    - ID 3000 Architectural Drawing I
3. Choose two (6):
    - AH 4310 Art of N Europe: Renaissance Era (3)
    - AH 4320 Ital Renaissance: Age of Humanism (3)
    - AH 4400 Baroque Art (3)
    - AH 4450 18th Century European Art (3)
    - AH 4500 19th Century European Art (3)
    - AH 4610 Twentieth-Century European and American Modernism (3)
    - AH 4650 American Art (3)

Area H. Allied Field – Art and Design (9-16)

1. Choose four courses (9-16)
    - DPP 3000 Life Drawing (3)
    - DPP 3200 Painting with Water-Based Media (3)
    - DPP 3300 Painting with Oil-Based Media (3)
    - ID 3250 Computer-Aided Drafting and Design I (2)
    - GRD 3400 Graphic Design Survey (3)
    - ID 3250 Computer-Aided Drafting and Design I (2)
    - ID 4100 Lighting Design (2)
    - ID 4350 Computer-Aided Drafting and Design II (2)
    - TEXT 3000 Fibers, Colors, Dyes, and Dyeing (3)
    - TEXT 3100 Surface Design I (3)
    - TEXT 3300 Fibers, Fabrics, and Forms (3)
    - 3DS 3000 Introduction to Sculpture (3)
    - 3DS 3050 Hand Building I (3)
    - 3DS 3100 Moldmaking (3)
    - 3DS 3300 Intermediate Sculpture (4)
    - 3DS 3350 Ceramic Sculpture (4)
    - 3DS 3600 Sculptural Drawing (4)
    - 3DS 3700 Wood Design (4)
    - 3DS 3800 Installation Art (4)

Electives

Select additional courses to complete a minimum of 120 hours.

Minor in Theatre

Theatre is both a respected art form whose roots reach back 4,000 years and a field of academic study whose practitioners have made major contributions to our understandings of art, culture, the social sciences, political activism, multicultural awareness, and gender diversity. The minor in theatre can prepare students to incorporate theatre studies and production within a wide variety of career paths in such fields as

education, filmmaking, journalism, literary studies, and community service. In addition, Georgia State's theatre minors have gone on to advanced studies in theatre on the graduate level and professional careers as actors, directors, writers, designers, and technicians.

Program Degree Requirements

Students who wish to minor in Theatre must take 15-18 hours in Theatre, including at least nine semester hours at the 3000 level or above. Theatre minors are held to the same course prerequisite requirements as majors. Students taking more than 15 hours of courses in the field may count the additional hours toward their electives. A grade of C- or higher is required in all courses counting toward the minor.

Graduation with Distinction in the Major

This program offers undergraduate students the opportunity to earn the designation of graduation with distinction in the major. Please contact the School of Film, Media & Theatre for the specific criteria for this honor.

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

ASL American Sign Language

ASTR Astronomy

BCOM Business Communication

BIOL Biology

BRFV Birth Through Five

BUSA Business Administration Ugrad

CHEM Chemistry

CHIN Chinese

CIS Computer Information Systems

CLAS Classical Studies

CMIS Creative Media Industries Study

CNHP College of Nursing & Health Professions

COOP Cooperative Education

CPS Counseling & Psychological Services

CRJU Criminal Justice

CSC Computer Science

CSD Communication Sciences and Disorders

DPP Drawing, Painting, Printmaking

ECE Early Childhood Education

ECON Economics

EDBT Education/Business Technology

EDCI Education/Curriculum & Instruction

EDLA Language Arts Education

EDMT Mathematics Education

EDRD Reading Education

EDSC Science Education

EDSS Social Studies Education

EDUC Education

ENGL English

ENI Entrepreneurship Minor

ENVS Environmental Science

EPRS EPS/Research

EPSF EPS/Social Foundations

EPY Educational Psychology

EURO European Union Studies

EXC Exceptional Children

FI Finance

FLME Film and Media

FOLK Folklore

FORL Foreign Language

FREN French

GEOG Geography

GEOL Geology

GERO Gerontology

GLOS Global Studies

GRD Graphic Design

GRKA Ancient Greek

GRKM Modern Greek

GRMN German

GSU New Student Orientation

HA Health Administration

HADM Hospitality Administration

HBRB Biblical Hebrew

HBRM Modern Hebrew

HIST History

HON Honors

IB International Business

ID Interior Design

IEP Intensive English Program

ISCI Integrated Sciences

ITAL Italian

JAPN Japanese

JOUR Journalism

JST Jewish Studies

KH Kinesiology & Health

KORE Korean

LATN Latin

LGLS Legal Studies

LT Learning Technologies

MATH Mathematics & Statistics

MES Middle East Studies

MGS Managerial Sciences

MK Marketing

MSL Military Science Leadership

MTM Music Technology Management

MUA Music Appreciation

MUS Music

NEUR Neuroscience

NSCI Natural Sciences

NURS Nursing

NUTR Nutrition

PERS Perspectives

PFP Personal Financial Planning

PH Public Health

PHIL Philosophy

PHOT Photography

PHYS Physics

PMAP Public Management & Policy

POLS Political Science

PORT Portuguese

PSYC Psychology

PT Physical Therapy

RE Real Estate

RELS Religious Studies

RMI Risk Management & Insurance

RT Respiratory Therapy

RUSS Russian

SCOM Speech Communication

SLIP Sign Language Interpreting

SOCI Sociology

SPAN Spanish

SW Social Work

SWAH Swahili

TEXT Textiles

THEA Theatre

TSLE Teaching ESL/College of ED

TURK Turkish

URB Urban Studies Institute

WGSS Women's, Gender, and Sexuality Studies

Definitions

Computer Skills Prerequisites (CSP)
Some courses offered by the Robinson College of Business require any student who enrolls in that course to be proficient with certain computer skills. For a complete description of CSP requirements, please refer to the "J. Mack Robinson College of Business" chapter of this catalog (see section 7000).

Corequisites
A corequisite identifies another course or courses that should be taken concurrently with the listed course. A student who enrolls in a listed course with corequisites must also enroll in those corequisite courses. A student who has previously completed a corequisite course may not need to repeat it; he or she should consult with an academic adviser before registering to determine specific requirements.

Course Credit Hours
The total semester hours of credit for each course are shown in parentheses immediately following the course title.

Prerequisites
A prerequisite identifies a course or other requirements that a student must have completed successfully before enrolling in the listed course. Any student who has not met prerequisites for a course may be administratively withdrawn from that course at the discretion of the instructor. It is the policy of some university departments to withdraw automatically any student who enrolls in a course without first meeting its prerequisites.

ACCT ACCOUNTING

ACCT 2101 Principles of Accounting I

CREDIT HOURS 3.0

REQUIREMENTS CSP: 1, 2, 7

DESCRIPTION Principles of Accounting I is an introduction to the principles of financial accounting. The course focuses on analyzing business transactions to chart their effects on the results of operations, the cash flows, and the financial position of businesses organized for profit. Emphasis is placed on using financial information from a decision-making perspective to optimize the outcomes of business decisions. Topics include recording, reporting, and analyzing assets, liabilities, stockholdersâ⊠⊠ equity, revenues, and expenses.

ACCT 2102 Principles of Accounting II

CREDIT HOURS 3.0

REQUIREMENTS CSP: 1, 2, 7

DESCRIPTION Prerequsite: ACCT 2101. Principles of Accounting II is an introduction to the principles of managerial accounting. Emphasis is given to the development and use of accounting information to support managerial decision-making in manufacturing, service, and merchandising operations. Topics include managerial concepts and systems, analyses for decision making, and planning and control.

ACCT 4111 Intermediate Accounting I

CREDIT HOURS 3.0

PREREQUISITES ACCT 2101, ACCT 2102 and BCOM 3950 with grade of B or higher

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP: 1, 2, 3, 6, 7

DESCRIPTION Students will learn the environmental and theoretical structure of financial accounting, the accounting process, and preparation of an income statement, balance sheet and statement of cash flows. Students will also learn to measure income, do profitability analysis, apply time value of money concepts to financial accounting measurements, account for cash, receivables and inventories, and learn to research financial accounting issues using the FASB Codification Database.

ACCT 4112 Intermediate Accounting II

CREDIT HOURS 3.0

PREREQUISITES ACCT 2101, and ACCT 2102 with grade of B or higher and ACCT 4111, and MGS 3100 with grade of C- or higher

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP: 1, 2, 3, 6, 7

DESCRIPTION Students will learn how to account for the economic resources and liabilities of an enterprise. Topics studied will include operational assets, investments, current liabilities, bonds, and leases. Students will also learn rudimentary financial statement analysis pertaining to these topics, analyze real world cases and learn to research financial accounting issues using the FASB Codification Database.

ACCT 4113 Intermediate Accounting III

CREDIT HOURS 3.0

PREREQUISITES ACCT 2101, and ACCT 2102 with grade of B or higher, and ACCT 4111, and ACCT 4112 with grade of C- or higher

DESCRIPTION Students will study accounting for income taxes, pensions, shareholders equity, share-based compensation, accounting changes, error corrections, and derivatives. Students will also learn the computation of earnings per share and the preparation of a complex statement of cash flows. Students will also learn rudimentary financial statement analysis, analyze real world cases pertaining to these topics and learn to research financial accounting issues using the FASB Codification Database.

ACCT 4210 Cost Managerial Accounting

CREDIT HOURS 3.0

PREREQUISITES ACCT 2101 and ACCT 2102 with grade of B or higher for AC and non-FIN majors or FI 4000 for fin majors or prerequisite above

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP: 1, 2, 3, 6, 7

DESCRIPTION Students study the information needed by managers to plan, monitor, and improve their critical processes, products, and services. This course stresses the application of infor- mation technologies to tasks such as measuring costs to produce, market, and deliver products and services; plann- ing via flexible budgets and cost-volume-profit analysis; implementing activity-based management systems; and measuring and performance. Students communicate implica- tions of their analyses to stakeholders using database, spreadsheet, and word processing skills.

ACCT 4310 Accounting Information Systems

CREDIT HOURS 3.0

PREREQUISITES CIS 2010, and ACCT 4210 with grade of C- or higher

DESCRIPTION This course develops skills required by accountants users, managers, designers, and evaluators of information systems in 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 business environments.

ACCT 4389 Directed Readings in Accounting

CREDIT HOURS 1.0 - 3.0

PREREQUISITES ACCT 2101, and ACCT 2102 with grade of B or higher, and consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION

ACCT 4391 Field Study in Accounting (May be repeated once)

CREDIT HOURS 3.0

PREREQUISITES ACCT 4112 with a 3.0 GPA or higher and enrolled as an under- graduate accounting major and consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP: 1 ,2, 4, 6, 7, 8

DESCRIPTION The field study is a supervised, employer-site learning experience. In this experience, students have the opportunity to apply accounting skills in a professional setting. Students must consult with the instructor or with the School of Accountancy's Undergraduate Program Coordinator before registering to determine whether their employment internship experiences will qualify for credit. This course may include a Signature Experience component.

ACCT 4510 Introduction to Federal Income Taxes

CREDIT HOURS 3.0

PREREQUISITES Must have senior standing or graduate status

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP: 1, 2, 3, 4, 5, 6, 7

DESCRIPTION This course introduces students to the federal tax concepts applicable to sole proprietorships, partnerships, corporations, estates, and trusts. Emphasis is placed on differences between tax and financial accounting concepts. In addition, students are exposed to accounting periods and methods, deferred compensation, tax planning, ethical practices, and tax research.

ACCT 4610 Introduction to Assurance Services

CREDIT HOURS 3.0

PREREQUISITES ACCT 4113 and ACCT 4310

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 3, 4, 5, 6, 7

DESCRIPTION This course develops students' knowledge of auditing, attest, and assurance services in traditional and e-business environments. Topics include the role of such services in society, evidence relevance and reliability, materiality, risk and control, information integrity, and methods of verification.

AS 4140 Mathematical Foundations of Actuarial Science

CREDIT HOURS 3.0

PREREQUISITES RMI 3750 or MATH 4751

DESCRIPTION This course covers 1) uni-variate probability distributions, including binomial, negative binomial, geometric, hypergeometric, Poisson, uniform, exponential, chi-square, beta, Pareto, lognormal, gamma, Weibull, and normal; 2) multivariate joint distributions, conditional and marginal distributions; 3) moments and moment generating function, 4) transform of variables, 5) order statistics, and 6) central limit theorem. The purpose of this course of reading is to develop knowledge of the fundamental probability tools for quantitatively assessing risk. The application of these tools to problems encountered in actuarial science is emphasized. A thorough command of probability topics and the supporting calculus is assumed.

AS 4230 Theory of Interest

CREDIT HOURS 3.0

PREREQUISITES MATH 2215

DESCRIPTION Topics include measurement of interest, accumulation and discount, forces of interest and discount, equations of value, annuities, perpetuities, amortization and sinking funds, yield rates, bonds and securities, depreciation, depletion, and capitalized costs.

AS 4260 Microeconomic Foundations of Actuarial Science

CREDIT HOURS 3.0

PREREQUISITES ECON 2106 and concurrent registration in AS 4230

DESCRIPTION CSP: 1. This course covers the applications of interest theory and calculus to intermediate microeconomics in an actuarial context.

AS 4320 Introduction to Stochastic Actuarial Models

CREDIT HOURS 3.0

PREREQUISITES MATH 4751

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP: 2

DESCRIPTION This course covers the application of basic stochastic models in an actuarial setting. Topics include review of frequency-severity models, introduction to compound distri- butions, stochastic models, and simulation techniques.

AS 4340 Life Contingencies I

CREDIT HOURS 3.0

PREREQUISITES MATH 4751

COREQUISITES AS 4230

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP: 2

DESCRIPTION This course is an introduction to life contingencies as applied in actuarial practice. Topics include present value random variables for contingent annuities and insurance, their distributions and actuarial present values, equivalence principle, and other principles for determining premiums.

AS 4350 Life Contingencies II

CREDIT HOURS 3.0

PREREQUISITES AS 4340

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP: 2

DESCRIPTION This course is a continuation of the study of life contingencies. Topics include insurance and annuity reserves, characterization of discrete and continuous multiple decrement models in insurance and employee benefits, and multiple life models.

AS 4360 Property and Casualty (P&C) Catastrophe Modeling & Ratemaking

CREDIT HOURS 3.0

PREREQUISITES AS 4140

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course introduces the student to the concept of premium rate development (i.e. Ratemaking), in the Property and Casualty (P&C) insurance industry. The student will also be exposed to the broad categories of P&C insurance coverages e.g. auto insurance, home-owners insurance, workers compensation, fire insurance, etc. The structure, development, and use of Catastrophe Models in the P&C industry will also be explored.

AS 4389 Directed Readings in Actuarial Science

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Consent of instructor

DESCRIPTION

AS 4510 Derivative Valuation and Risk Management

CREDIT HOURS 3.0

PREREQUISITES MATH 2212 and FI 4000 or permission of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP: 1, 2, 5, 6, 7

DESCRIPTION This couse introduces quantitative methods for pricing financial derivatives, treating in detail the program of valuation by "no-arbitrage." Institutional features of derivative markets are covered along with theory and application. The discrete-time binomial pricing model is studied in depth. An introduction to the elements of stochastic calculus (Brownian Motion, and Ito's formula) then enables students to work with the mainstream continuous-time models of Black-Scholes-Merton and others. These methods are applied to price and hedge standard securities such as stock options, interest rate caps, swaps, swaptions, and commodity futures. Students will see application to insurance and actuarial science. The course will cover Society of Actuaries required reading.

AAS 1140 Introduction to African and African-American History and Culture

CREDIT HOURS 3.0

DESCRIPTION (Same as HIST 1140.) An introductory survey of African-American History that provides engagement with significant topics, themes and issues in the African American experience from pre-colonial Africa, through enslavement in North America to the present.

AAS 2010 Introduction to African-American Studies

CREDIT HOURS 3.0

DESCRIPTION Intellectual and social origins of African-American Studies. Key concepts, themes, and theories of the discipline.

AAS 3000 African-American Family

CREDIT HOURS 3.0

DESCRIPTION (Same as SOCI 3162.) Contemporary theories and research of the African-American family.

AAS 3010 Narratives of Race, Gender and Sexuality: Quare Readings

CREDIT HOURS 3.0

DESCRIPTION Focuses on recognizing and employing various reading practices and themes of intersectionality within a number of literary narratives.

AAS 3050 Introduction to African-American Psychology

CREDIT HOURS 3.0

PREREQUISITES AAS 2010, AAS 1140, HIST 1140, or PSYC 1010

DESCRIPTION (Same as PSYC 3520.) Examination of theory and research pertaining to African-American psychology. Special emphasis on the Afrocentric perspective.

AAS 3120 African Diaspora

CREDIT HOURS 3.0

PREREQUISITES AAS 2010, AAS 1140, HIST 1140, or ANTH 2020

DESCRIPTION Investigates the dispersal, growth, and influence of people of African descent throughout the world. A comparative analysis of historical, political, cultural, economic, and social development of the African diaspora. (Same as ANTH 3120.) Global Perspectives Course.

AAS 3240 Peoples and Cultures of Africa

CREDIT HOURS 3.0

DESCRIPTION (Same as ANTH 3240.) Origins, adaptations, and contemporary social, economic, political, and belief systems of the indigenous and mixed populations of Africa.

AAS 3450 History of African-Americans in Georgia

CREDIT HOURS 3.0

DESCRIPTION Examination of the political, economic, and social development of African-Americans in Georgia.

AAS 3500 Jazz History

CREDIT HOURS 3.0

DESCRIPTION (Same as MUS 3500.) Study of the development of jazz from its origins to current trends including stylistic periods such as New Orleans, swing, bop, cool, avant garde, and fusions. Emphasis on evolution of form, improvisational style, and influential artists.

AAS 3810 History of African-American Music

CREDIT HOURS 3.0

DESCRIPTION (Same as MUA 3810.) History and styles of African-American music.

AAS 3880 African-American Literature

CREDIT HOURS 3.0

DESCRIPTION (Same as ENGL 3950.) History and development of African-American literature, with emphasis on major writers.

AAS 3960 African-American Literature by Women

CREDIT HOURS 3.0

DESCRIPTION (Same as ENGL 3960 and WGSS 3960.) Survey of literature from the eighteenth century to the present. Includes such authors as Wilson, Wheatley, Larsen, Hurston, Dove, Hansberry, and Morrison.

AAS 3975 Concepts and Theories in African-American Studies

CREDIT HOURS 3.0

PREREQUISITES AAS 1140, AAS 2010, and AAS 3120 all with a minimum grade of C or instructor approval

DESCRIPTION Three lecture hours per week. Examination of the major concepts and theoretical orientations used in African-American Studies.

AAS 3980 Research Methods in African-American Studies-CTW

CREDIT HOURS 3.0

PREREQUISITES AAS 2010

DESCRIPTION Qualitative and quantitative research techniques employed to generate knowledge in the interdisciplinary field of African-American Studies. Serves as one of the two Critical Thinking through Writing (CTW) courses required for all African-American Studies majors.

AAS 4000 Issues in the African-American Community

CREDIT HOURS 3.0

DESCRIPTION (Same as SOCI 4310.) Examination of the impact of major societal issues on the African-American community.

AAS 4010 Service Learning in the African American Community

CREDIT HOURS 3.0

DESCRIPTION An experiential course where students develop civic responsibility and utilize their skills and talents to the service of community organizations with the specific goal of helping to empower them to address African American and broader community needs.

AAS 4030 African-American Male/Female Relationships

CREDIT HOURS 3.0

DESCRIPTION (Same as SOCI 4311.) Explores historical, social, psychological, and economic factors affecting African-American relationships. Issues include negative images and stereotypes, color, beauty and pornography, sex-gender and role identity, consumerism and narcissism, and employment.

AAS 4105 Race & Health

CREDIT HOURS 3.0

DESCRIPTION Critical exploration of the frameworks used to explain racial differences in health in the African-American community through the examination of contemporary health issues.

AAS 4110 Black Women and Health

CREDIT HOURS 3.0

DESCRIPTION Examines the intersections of race, gender, and health with a critical focus on the health experiences of women in Africa, the Caribbean, and the United States.

AAS 4120 African-American Political Thought

CREDIT HOURS 3.0

DESCRIPTION (Same as POLS 4560.) Examination and critical analysis of African-American political and social issues.

AAS 4125 Black Feminist Thought

CREDIT HOURS 3.0

PREREQUISITES AAS 2010

DESCRIPTION (Same as WGSS 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 HOURS 3.0

PREREQUISITES AAS 2010, AAS 1140, or HIST 1140

DESCRIPTION (Same as POLS 4165.) Analysis of the ideology, public opinions, and political behaviors of African Americans. African-American impact on the electoral system.

AAS 4180 Politics of the Civil Rights Movement

CREDIT HOURS 3.0

DESCRIPTION (Same as POLS 4157.) Examinations of the underpinnings, leadership, political strategies, and outcomes of the modern civil rights movement.

AAS 4200 Critical Pedagogy and African American Education

CREDIT HOURS 3.0

PREREQUISITES AAS 1140 or AAS 2010

DESCRIPTION This course will explore the principles and practices of critical pedagogy theory as it has developed both internationally and in the United States. This theory will be particularly focused on its application in the historical and current education in the African American community. The course will examine applications of critical pedagogy in both primary and higher education arenas with a particular focus on what it means to "teach for freedom." The course will review applications of critical pedagogy and its focus on cultural and social context of both students and teachers and the relationship of education to social development and social change. This course includes both class participation and class room participant observer research.

AAS 4230 Religions of the African World

CREDIT HOURS 3.0

DESCRIPTION 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. (Same as RELS 4230.) Global Perspectives Course.

AAS 4250 African-American Religion

CREDIT HOURS 3.0

DESCRIPTION (Same as RELS 4250.) A survey of the development of African-American religion from colonial times to present, including an examination of both the theoretical arguments of religious elites and the spiritual experience of laypersons.

AAS 4280 African-American Anthropology

CREDIT HOURS 3.0

DESCRIPTION (Same as ANTH 4280.) Major writings in the field of African-American studies; theories, categories, and methods used in studying complex societies are brought to bear upon the literature; use of ethnographies to provide a comparative perspective for understanding African-American cultures.

AAS 4330 The Black Arts Movement

CREDIT HOURS 3.0

DESCRIPTION This course explores and examines the ideas, major artists and institutions, artistic practices, political context and enduring legacy of the most important multi-discipline artistic movement in African American history.

AAS 4350 Black Visual Representation

CREDIT HOURS 3.0

DESCRIPTION The Iconography of the African Diaspora. This course will use interdisciplinary methods to study racialized iconic figures, the production of their images, and their impact across the world.

AAS 4360 Studies of Black Dance

CREDIT HOURS 3.0

DESCRIPTION Examines the centrality of movement in the social, cultural, and spiritual practices of black populations across the world.

AAS 4550 Activism and the Black Freedom Movement

CREDIT HOURS 3.0

PREREQUISITES AAS 1140 or AAS 2010

DESCRIPTION Examine 20th and 21st century Black movements for social justice. Insurgent movements that primarily worked outside of parliamentary taking a multi-disciplinary approach and studying theories and histories of social movements.

AAS 4600 Enslavement and Resistance in North America

CREDIT HOURS 3.0

DESCRIPTION (Same as HIST 4280.) Examines the character of the system of chattel slavery and racial oppression in Colonial America and in the United States and insurgent responses to it by the captive and free population of African descent in North America.

AAS 4620 Enslavement and Resistance in the Americas

CREDIT HOURS 3.0

DESCRIPTION (Same as HIST 4290.) Comparative examination of systems of captivity and forced labor in the western hemisphere and the social development and popular responses of captive Africans and their descendants 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, with a focus on Maroon nations in the Americas. Global Perspectives Course.

AAS 4625 Atlanta and Black Culture

CREDIT HOURS 3.0

PREREQUISITES AAS 1140 or AAS 2010 with a C or better and at least 48 undergraduate credit hours

DESCRIPTION This course focuses on the history, politics and culture within the "Black New South", a subfield within the academic field of African American Studies. With an interdisciplinary approach the focus will be on the major issues involved in the study of the African American experience, both the objective issues being analyzed in the research literature and the subjective issues of how the world sees Atlanta, Georgia as the Black Mecca.

AAS 4640 African-American People

CREDIT HOURS 4.0

DESCRIPTION (Same as HIST 4270.) Major topics and themes in African-American history, including slavery, development of American racism, urbanization, civil rights, and black contributions to American culture. Cities Perspectives Course.

AAS 4650 African-American Theatre

CREDIT HOURS 3.0

DESCRIPTION (Same as THEA 4090.) Examination of the history and contributions of African-Americans to the American theatre.

AAS 4670 Education of Blacks in the South

CREDIT HOURS 3.0

PREREQUISITES [AAS 1140] and [AAS 2010] with a C or better and at least 48 undergraduate credit hours

DESCRIPTION This course is an upper level seminar that focuses on the history, politics and culture within Education of Black Folk in the American South. This an interdisciplinary investigation of the complexities of the African American experience in American culture that particularly explores important comparative questions about the American education system. In this course we will understand how Africans in America negotiated, disrupted, and transformed popular education.

AAS 4771 Gender and Sexuality in the African Diaspora

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a C or better

DESCRIPTION This course thinks about the kinds of conceptual tools: questions, methods, theories, histories, geographies, time periods, and social/cultural movements needed in order to understand the dynamic and shifting terrain of gender and sexuality in the African Diaspora. Colonialism, slavery, social movements as well as transnational circuits of music, self-expression, desire and consumption/production will frame our approach to theorizing gender and sexuality in the actual and imagined spaces of the African Diaspora. Crosslisted with WGSS 6770.

AAS 4772 Women in Africa

CREDIT HOURS 3.0

DESCRIPTION (Same as HIST 4772 and WGSS 4772.) An examination of African women's roles in domestic production, their relationship to the state, and the effect of social change on women from the pre-colonial period to the contemporary era.

AAS 4774 African Rebellions

CREDIT HOURS 3.0

DESCRIPTION (Same as HIST 4774.) An examination of African resistance in the colonial and post-colonial contexts.

AAS 4776 Africa and Hollywood: Myth, Romance, and Savage Imagery

CREDIT HOURS 4.0

DESCRIPTION This course explores the image of Africa projected into American mass culture through the vehicle of commercial films produced about Africa.

AAS 4780 African-American Lesbian and Gay Activism

CREDIT HOURS 3.0

PREREQUISITES AAS 2010

DESCRIPTION (Same as WGSS 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 HOURS 3.0

PREREQUISITES AAS 2010, AAS 1140, or HIST 1140

DESCRIPTION (Same as ENGL 3970.) Survey of twentieth-century literature of the English- speaking or Commonwealth Caribbean.

AAS 4900 African-Americans in Film

CREDIT HOURS 4.0

DESCRIPTION (Same as Film 4760.) Mainstream Hollywood representation of African-Americans and the alternative film portrayals by African-American producers.

AAS 4940 African-American Achievement

CREDIT HOURS 3.0

PREREQUISITES Completion of AAS 1140 or AAS 2010 with a grade of C or higher and completion of at least 48 undergraduate credit hours

DESCRIPTION Examination of the various contexts of African-American academic performance.

AAS 4950 African-American Popular Culture

CREDIT HOURS 3.0

DESCRIPTION (Same as JOUR 4590.) Intellectual debates over the definitions and diversities of everyday African-American cultural production.

AAS 4970 Topics in African-American Studies

CREDIT HOURS 3.0

PREREQUISITES AAS 2010, AAS 1140, or HIST 1140

DESCRIPTION Intensive treatment of selected topics in African-American studies. May be repeated for 12 credit hours.

AAS 4975 Race, Class and Gender in Contemporary South Africa

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 6095.) In this course students learn how class, gender and racial categories have impacted the lives of South Africans.

AAS 4980 Seminar and Practicum in African-American Studies-CTW

CREDIT HOURS 3.0

PREREQUISITES AAS 3975 and AAS 3980 both with a minimum grade of C

DESCRIPTION Integration and application of discipline knowledge in a field setting with nonprofit community organization. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all African-American Studies majors. This course may include a Signature Experience component.

AAS 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

ASL AMERICAN SIGN LANGUAGE

ASL 1001 Elementary American Sign Language I

CREDIT HOURS 3.0

DESCRIPTION This course prepares students to understand and use American Sign Language grammar, signs, fingerspelling and non-manual markers at the basic level. Students receive an orientation to Deaf culture and explore the Georgia Performance Standards (GPS) for ASL.

ASL 1002 Elementary American Sign Language II

CREDIT HOURS 3.0

PREREQUISITES ASL 1001 with a grade of â□□Câ□□ or higher

DESCRIPTION This course prepares students to understand and use American Sign Language grammar, signs, fingerspelling and non-manual markers at the elementary level. Students receive an orientation to Deaf culture and explore the Georgia Performance Standards (GPS) for ASL.

ASL 2001 Intermediate American Sign Language I

CREDIT HOURS 3.0

PREREQUISITES ASL 1001 with a grade of "C" or higher and ASL 1002 with a grade of â□□Bâ□□ or higher

DESCRIPTION This course prepares students to understand and use the grammar, signs, fingerspelling, and classifier system of ASL at the intermediate level. Students refine expressive and receptive skills and engage in extended discourse.

ASL 2002 Intermediate American Sign Language II

CREDIT HOURS 3.0

PREREQUISITES ASL 1001 with a grade of "C" or higher; ASL 1002 with a grade of "B" or higher; and ASL 2001 with a grade of "B" or higher

DESCRIPTION This course continues the study of ASL, Deaf Culture, deaf literature and poetry, and extended discourse at the advanced intermediate level. It surveys the skills associated with the ASL GACE.

ANTH 1102 Introduction to Anthropology

CREDIT HOURS 3.0

DESCRIPTION This course is designed as an introduction to the discipline of anthropology through a survey of the five subfields: cultural, biological, archaeological, linguistics, and applied anthropology. The course will use a holistic and comparative approach to study the human condition with emphasis on human cultural, behavioral, and biological variation across place and time.

ANTH 2010 Introduction to Biological Anthropology

CREDIT HOURS 3.0

DESCRIPTION This evidence-based course is designed to introduce students to the general concepts of biological anthropology. The course will use lecture and hands-on activities to explore major topics in evolution and natural selection, variation and adaptation, molecular and population genetics, the intersections of biology and cultural behavior, and the fossil record from early hominins through modern populations.

ANTH 2020 Introduction to Cultural Anthropology

CREDIT HOURS 3.0

DESCRIPTION This course examines the theories, methods, and basic issues in contemporary cultural anthropology, stressing comparison and interpretation of contemporary social problems cross-culturally. An emphasis will be placed on applied methodologies used in cultural studies such as fieldwork, participant observation, ethnography, and ethnology. Topics include culture and cultural diversity, cultural categories of race, ethnicity, gender, as well as social institutions such as marriage, family, religion, and subsistence patterns.

ANTH 2030 Archaeology and Prehistory

CREDIT HOURS 3.0

DESCRIPTION Brief overview of archaeological methods and concepts followed by an examination of major cultural developments including the geographical spread of humans and the emergence of agriculture and complex societies. Implications for understanding contemporary humanity are included.

ANTH 2040 Introduction to Linguistic Anthropology

CREDIT HOURS 3.0

DESCRIPTION Linguistic anthropology is broadly understood as the study of language as a part of culture. This course shows how language constitutes social action. Language is much more than a transparent medium for communicating ideas. Rather, the way we speak can have profound implications in terms of community membership, social exclusion, economic opportunity, identity, the way we view and understand the world. This course will cover the complexity of human languages and the significance of linguistic and cultural difference.

ANTH 3033 The Anthropology of Violence-CTW

CREDIT HOURS 3.0

PREREQUISITES ANTH 2010, ANTH 2020, or ANTH 2030 with grade of C or higher, or consent of instructor

DESCRIPTION Drawing on three subfields of anthropology (biological anthropology, archaeology, and sociocultural anthropology), this course takes a holistic approach to the study of violence. The course fosters critical thinking through writing, and it promotes the understanding of how scholarly-scientific and popular interpretations of violence are rooted in the ideological paradigms of their time. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all anthropology majors.

ANTH 3050 Anthropolgy of Religion

CREDIT HOURS 3.0

DESCRIPTION This course provides an introduction to the comparative study of the worldâ⊠⊠s religions, a discipline that has its roots in the fields of anthropology, philosophy and sociology. The course will explore the role that the invention of writing played in the emergence of scriptural religions, as well as provide an introduction to some of the key categories in comparative religion, including: athletics, civil religion, ethics, gender, modernity, prophecy, ritual, sainthood and time. The course will conclude with a three-week ethnography of a Vodou priestess (â⊠⊠Mama Lolaâ⊠⊠) in the Haitian diaspora of New York City.

ANTH 3075 Greek Mythology

CREDIT HOURS 3.0

DESCRIPTION This course explores the lives, and long afterlives, of certain canonical mythic cycles such as the Epic of Gilgamesh, the Iliad and the Odyssey, or the Ramayana. The course will use the Greek case study as exemplary.

ANTH 3100 Sex, Culture, and Sexuality

CREDIT HOURS 3.0

DESCRIPTION This course takes a comparative, cross-cultural approach to understanding sex and sexuality/sexualities in anthropological and historical perspective. This will include an examination of beliefs about sex, sexuality, and the body; the interaction of culture and biology in the shaping of sexual identity; the many roles of sex in both nonhuman and human primate societies; evidence of sexual attitudes and practices based on the material culture of past societies; and the variety of sexual practices and their meanings around the world in contemporary society.

ANTH 3120 African Diaspora

CREDIT HOURS 3.0

PREREQUISITES AAS 1140, AAS 2010, HIST 1140, or ANTH 2020 with grade of C or higher

DESCRIPTION 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. (Same as AAS 3120.).

ANTH 3770 Tragedy and Comedy in Cultural Theory

CREDIT HOURS 3.0

DESCRIPTION This course offers a history of the way tragedy emerged as a major theoretical preoccupation in the 19th century in Europe, and returned to ethical theory in the US in the late 20th century. Attention will focus on the cultural reasons for this preoccupation.

ANTH 4020 Anthropological Theory

CREDIT HOURS 4.0

PREREQUISITES ANTH 2020 with grade of C or higher, or consent of instructor

DESCRIPTION Historical treatment of the major theoretical trends in anthropology.

ANTH 4040 Race, Class, and Gender in Global Perspective

CREDIT HOURS 3.0

PREREQUISITES ANTH 2020 with grade of C or higher, or consent of instructor

DESCRIPTION (Same as WGSS 4040 and GLOS 4040.) Exploration of the various ways that perceptions and designations of race, class, and gender intersect with each other and shape the human experience. This includes an analysis how categories of class, ethnicity, and gender affect daily life for people in multiethnic, stratified societies, particularly in terms of how inequities of access to wealth, power, and resources have emerged on global and local levels. Structural violence is an important theme of many of the readings in the class. The idea of race as a social construct rather than a biological phenomenon is another key topic. We will examine how gender identity and gender roles are shaped by culture. Globalization and immigration, and their relationship to gender, race, and class, are foci of the latter part of the course. Cities Perspectives Course. Global Perspectives Course.

ANTH 4060 Environmental Anthropology

CREDIT HOURS 3.0

PREREQUISITES ANTH 1102, ANTH 2010, ANTH 2020, or ANTH 2030 with grade of C or higher, or consent of instructor

DESCRIPTION During this course we will examine how humans interact with and are influenced by environmental resources, as well as how our actions impact natural resources and ecological systems. Human populations and cultural groups are therefore (re)situated in nature. To explore environmental anthropology as a subfield, the course is structured as a survey of the discipline, examining topics such as historical ecology, population ecology, cultural constructions of "nature," the anthropology of environmentalism, political ecology, and global environmental issues. Global Perspectives Course.

ANTH 4070 Ethnobotany

CREDIT HOURS 3.0

DESCRIPTION Ethnobotany is the study of the use of plants by humans. This course provides an overview of the field of ethnobotany and its methods. Students will explore how ethnobotanists collect, analyze, and interpret data and will learn some of the applications of ethnobotany outside of an academic setting.

ANTH 4080 Consumption and Material Culture

CREDIT HOURS 3.0

PREREQUISITES ANTH 2020 with grade of C or higher

DESCRIPTION This course examines anthropological approaches to material culture and consumption: the practices, relations, and rituals through which things (from food and clothing to shell valuables or money) become meaningful and are used in the organization of social life. Readings include classic works of anthropology and social theory as well as recent ethnographies of western capitalist, colonial/postcolonial and postsocialist settings. Global Perspectives Course.

ANTH 4111 Anthropology of Self and Emotion

CREDIT HOURS 3.0

PREREQUISITES ANTH 2020 with grade of C or higher, or consent of instructor

DESCRIPTION This course draws upon readings in anthropological theory and ethnography to consider the cultural construction of selfhood, identity, and feelings, with an emphasis on the historical specificity of particular experiences, how they may be influenced by factors such as capitalism, how they may change over time, and the significance of gender.

ANTH 4112 Modernity and Identity

CREDIT HOURS 4.0

DESCRIPTION Representations of modernity in postcolonial and metropolitan nation-states. National identities and their articulations with gender, class, and race. Global Perspectives Course.

ANTH 4114 Language and Social Justice

CREDIT HOURS 4.0

PREREQUISITES ANTH 2020 or ANTH 2040, or AL 2101 or FORL 2101, or AL 2102 or FORL 2102

DESCRIPTION This course focuses on the linguistic anthropological study of inequality and questions of social justice that arise. From the work of translation in institutional settings that often falls to bilingual children of immigrants to the marked evaluation of African-American English, students will explore how language is integral in processes of exclusion, stigma, and oppression. (Same as GLOS 4114.).

ANTH 4140 European Prehistory

CREDIT HOURS 3.0

PREREQUISITES ANTH 2030 with grade of C or higher, or consent of instructor

DESCRIPTION This course is a survey of the prehistory of Europe from the Paleolithic period until the Roman conquest. Because of the temporal and geographic variability of Europe this survey is selective, focusing on major transitions and themes (e.g., subsistence adaptations, island settlement, trade, technology, the emergence of social complexity, early states, and so forth) and using specific examples (case studies) of regions or sites to highlight them.

ANTH 4150 Museum Anthropology

CREDIT HOURS 3.0

PREREQUISITES Grade of B or higher in ANTH 2010, ANTH 2020, or ANTH 2030

DESCRIPTION Museums provide a critical intersection between academic research and the public. This course critiques the mission of museums in a global world and explores how knowledge is conveyed through objects, and how museums can disseminate complex ideas to diverse audiences in accessible and inclusive ways. This course considers the role of museums in identity construction at local, national, and supra-national levels. 3.00 Credit hours.

ANTH 4160 Archaeology of South America

CREDIT HOURS 3.0

PREREQUISITES ANTH 1102 or ANTH 2030 with a grade of C or higher, or permission of instructor

DESCRIPTION Students utilize evidence from archaeology to learn about the major cultural groups of the pre-Hispanic Andes beginning with the earliest known human occupations more than 10,000 years ago and ending with the Colonial Period following Spanish conquest of the Inca Empire in the mid-16th Century.

ANTH 4170 Mesoamerican Archaeology

CREDIT HOURS 3.0

PREREQUISITES ANTH 2030 with grade C or higher, or consent of instructor

DESCRIPTION This course highlights some of the major cultural achievements of Mesoamerican peoples. The class begins with the peopling of the New World over 10,000 years ago and proceeds to cover the origins of agriculture and the development of complex societies from the Olmec to the Aztec. The course draws from the rich iconographic, epigraphic, and archaeological data of the region to explore concepts and specific sites up until the time of Spanish Contact, A.D. 1521.

ANTH 4180 Archaeology of Southeastern United States

CREDIT HOURS 4.0

PREREQUISITES ANTH 2030 with grade of C or higher or consent of instructor

DESCRIPTION The appearance of the earliest inhabitants of the Southeast, the development of complex societies, the effects of Europeans on indigenous culture, and the archaeology of the historic period. Students will be required to participate in three field trips.

ANTH 4190 Archaeological Practice and the Public

CREDIT HOURS 3.0

PREREQUISITES ANTH 2030 with a grade of C or higher, or consent of instructor

DESCRIPTION This course on Public Archaeology covers a great number of fields where professional archaeologists work with public interests, upholding legislation designed to conserve ancient sites and artifacts, managing museum collections, presenting the past to the public, working with developers to reduce the impact of building and construction projects on the remains of the past. At the same time Public Archaeology covers the general public's interest in the archaeological past: from fakes and illicit trade of antiquities to Indiana Jones, to the search for Atlantis.

ANTH 4200 Urban Anthropology

CREDIT HOURS 4.0

PREREQUISITES ANTH 2020 with grade of C or higher, or consent of instructor

DESCRIPTION Urban space and social stratification; theories of space, place, and identity; the city in the social imaginary. Cities Perspectives Course.

ANTH 4210 The Anthropology of Europe

CREDIT HOURS 3.0

PREREQUISITES ANTH 2020 or consent of instructor

DESCRIPTION This course exposes students to ethnographic research among peoples of Europe, with a focus on Mediterranean Europe, particularly Portugal, Italy, Greece, and Spain (PIGS) as member states of the European Union (EU), and as nations in crisis. Cross-listed courses: ANTH 6210.

ANTH 4240 Food: History, Ecology, and Political Economy

CREDIT HOURS 3.0

PREREQUISITES ANTH 2020 or ANTH 2010 with a grade of C or higher, or instructor's consent

DESCRIPTION Explores the cultural histories of foods or types of food that have had major impacts on global political economy, ecology, and culture from the 14th century to present day.

ANTH 4280 African-American Anthropology

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4280.) Major writings in the field of African-American studies; theories, categories, and methods used in studying complex societies are brought to bear upon the literature; use of ethnographies to provide a comparative perspective for understanding African-American cultures.

ANTH 4300 Human Evolution

CREDIT HOURS 3.0

DESCRIPTION Principles and mechanisms of hominid evolution.

ANTH 4310 Human Biology

CREDIT HOURS 4.0

PREREQUISITES ANTH 1102 or ANTH 2010 with grade of C or higher, or consent of instructor

DESCRIPTION Provides an in-depth overview of human biological systems and the intersections of human culture and biology. Explores adaptation, population genetics and physiological adaptability; examines biological impacts of poor nutrition and social stress; interrogates assumptions surrounding race, gender, and sexuality. Global Perspectives Course.

ANTH 4330 Primate Behavioral Ecology

CREDIT HOURS 3.0

DESCRIPTION Examination of the diversity of free-ranging primates in their natural habitats. Ecological factors affecting diet, locomotor repertoires, body size, and the evolution of social behavior will be emphasized.

ANTH 4340 Applied Anthropology

CREDIT HOURS 3.0

PREREQUISITES ANTH 1102 or ANTH 2020 with grade of C or higher, or consent of instructor

DESCRIPTION This course examines historical, contemporary, and interdisciplinary perspectives of applied anthropology: a way of life and work informed by scientific and scholarly knowledge, expressed as socially responsible conduct, and defined by ethical principles and strategies of social reform. We will explore, evaluate, and critique (1) anthropologists' claims of a "new anthropology" concerned with the study of humanity at the service of humanity; (2) epistemological, theoretical, and methodological frameworks of applied anthropology across the sub-disciplines of archaeology, biological anthropology, sociocultural anthropology, and linguistics; and (3) empirical case studies of policy and practice.

ANTH 4360 Methods and Theories in Biological Anthropology

CREDIT HOURS 3.0

PREREQUISITES ANTH 1102 or ANTH 2010 with grade of C or higher, or consent of instructor

DESCRIPTION This advanced biological anthropology course is designed to elucidate the basic principles of research regarding human skeletal morphology, variation, evolution and adaptation using hands-on osteology laboratories and statistical analyses in SPSS (Statistical Package for the Social Sciences). One goal of the course is to improve students' ability to successfully critique hypotheses. Another goal is to provide students with the basic tools needed to test and interpret relationships. A portfolio of results graphs and charts will showcase the analytical skills of students.

ANTH 4370 Forensic Anthropology

CREDIT HOURS 3.0

PREREQUISITES ANTH 2010 with grade of C or higher, or consent of instructor

DESCRIPTION Laboratory-based identification of skeletal remains of unknown individuals with an emphasis on determining age, sex, evidence of trauma, and cause of death. Crime scene recovery, documentation of evidence, the criminal justice system, and human rights initiatives will be explored.

ANTH 4390 Diet, Demography, and Disease

CREDIT HOURS 3.0

PREREQUISITES ANTH 1102, ANTH 2010, or ANTH 2030 with grade of C or higher, or consent of instructor

DESCRIPTION Overview of human/disease interactions from prehistoric to contemporary populations. Emphasis on major social transformation, such as sedentism, animal and plant domestication, urbanism, and globalism. Global Perspectives Course.

ANTH 4420 Gender and Power in Ethnographic Perspective

CREDIT HOURS 3.0

PREREQUISITES ANTH 2020 with grade of C or higher, or consent of instructor

DESCRIPTION (Same as WGSS 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. Global Perspectives Course.

ANTH 4430 Anthropology and Public Health

CREDIT HOURS 3.0

PREREQUISITES ANTH 1102 or ANTH 2020 with grade of C or higher

DESCRIPTION The history of public health and role of anthropology and other social sciences in the modern public health setting. Overview of current issues in international and domestic public health.

ANTH 4440 Epidemiology and Anthropology

CREDIT HOURS 4.0

PREREQUISITES ANTH 1102 or ANTH 2020 with grade of C or higher

DESCRIPTION Basic principles of epidemiology, including outbreak investigation, disease control, and analytic epidemiology. Overview of the work of anthropologists in interdisciplinary public health settings.

ANTH 4460 Health and Culture

CREDIT HOURS 4.0

PREREQUISITES ANTH 2020 with grade of C or higher, or consent of instructor

DESCRIPTION Interrelationship of health care delivery systems within the context of the culture and structure of societies; impact of health planning and policy on subcultural groups. Importance of epidemiology, nutrition, transcultural nursing, and mental health in a holistic view of health.

ANTH 4470 Visual Culture

CREDIT HOURS 4.0

PREREQUISITES ANTH 2020 with grade of C or higher, or consent of instructor

DESCRIPTION (Same as WGSS 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 Ethnography in the 21st Century

CREDIT HOURS 4.0

PREREQUISITES ANTH 2020 with grade of C or higher, or consent of instructor

DESCRIPTION Critical survey of current ethnographic theories and analysis of classic ethnographies. Includes a workshop during which students will improve their ethnographic writing skills. Students will also participate in WebCT discussion forums.

ANTH 4490 The Anthropology of Globalization

CREDIT HOURS 4.0

PREREQUISITES ANTH 2020 with grade of C or higher

DESCRIPTION This course critically analyzes the concept of globalization by examining the various components that are often invoked in defining/discussing the concept and the current world structure. We will explicitly examine the anthropological components of globalization and determine the manner in which it shapes culture, constructions of identity, restrictions of the body, distributions of economic and natural resources, intercultural contact, and patterns of global inequality. Global Perspectives Course. (Same as GLOS 4490).

ANTH 4500 Work and Culture

CREDIT HOURS 3.0

PREREQUISITES ANTH 2020 C or better or consent of instructor

DESCRIPTION The purpose of this course is to lead students in the critical analysis of the role of work in the shaping of social identities, life narratives, and power dynamics in the contemporary world. Issues discussed in this course will include classed subjectivities in industrial and postindustrial societies; flexibility and neoliberal ideology; the global division of labor; work and the politics of gender, class, race, and age, and the narrative construction of professional lives.

ANTH 4520 Anthropology of Public Culture

CREDIT HOURS 4.0

PREREQUISITES ANTH 2020 with grade of C or higher, or consent of instructor

DESCRIPTION The circulation of commodities, ideas, and practices that produce the condition of being public (and in public) as well as the notion and experience of privacy. Analyzes the production and usage of public and private space (e.g. plazas, malls, homes), museum displays, the social life of commodities (e.g. fashion, antiquities, collectibles), and the role of theatricality in everyday life.

ANTH 4530 The Archaeology of Ancient Cities

CREDIT HOURS 3.0

PREREQUISITES ANTH 2030 (C as minimum) grade or professorâ⊠⊠s approval cross-listed (graduate section: ANTH 6530)

DESCRIPTION This course provides an archaeological perspective to help us better understand the historical trajectory of cities cross-culturally. Through critical evaluation of archaeological research on ancient cities, students will come to understand the dramatic impact of cities on human populations across the globe. Target Student Groups: Anthropology Majors and Graduate Students.

ANTH 4550 Field School in Anthropology

CREDIT HOURS 4.0 - 8.0

PREREQUISITES consent of instructor

DESCRIPTION Anthropological field methods. Students will develop skills in ethnographic, archaeological, and biological methods through field projects. Emphasis will be on providing a holistic interpretation of conditions at the field location. This course may include a Signature Experience component.

ANTH 4560 Advanced Field School in Anthropology

CREDIT HOURS 4.0 - 8.0

PREREQUISITES ANTH 4550 with grade of B or higher, or consent of instructor

DESCRIPTION Advanced anthropological field methods. Students expand upon the ethnographic, archaeological, linguistic, and/or biological methods learned in ANTH 4550 through supervised development and completion of their own professional research project. This course may include a Signature Experience component.

ANTH 4590 Archaeological Methods

CREDIT HOURS 4.0

PREREQUISITES ANTH 2030 with grade of C or higher, or consent of instructor

DESCRIPTION Data recovery techniques, analytic methods, and theoretical concepts. Experience with archaeological materials.

ANTH 4600 Archaeological Theory

CREDIT HOURS 4.0

PREREQUISITES ANTH 2030 with grade of C or higher, or consent of instructor

DESCRIPTION Review of the history of theory in anthropological archaeology, followed by a comprehensive overview of the state of contemporary theory and new theoretical directions in the discipline.

ANTH 4670 Research Methods in Sociocultural Anthropology

CREDIT HOURS 3.0

PREREQUISITES ANTH 2020 with grade of C or higher

DESCRIPTION Examines various research approaches that constitute sociocultural anthropology. This course dissolves the divisions between qualitative and quantitative research to form an inclusive research methodology. Topics covered include qualitative and quantitative approaches, history of research methodology, defining a population, coding, modeling, social impact analysis, and linguistic and cognitive research.

ANTH 4700 Cultures of Display: Archaeology, Museums and Nationalism

CREDIT HOURS 3.0

DESCRIPTION This course examines the ways in which archaeology and public museums were placed in the service of emerging nationalism in "the long 19th century" (1789-1920), specifically in Italy, Greece, Egypt and Turkey.

ANTH 4740 Cultural History of Sexuality: From Plato to Foucault

CREDIT HOURS 3

DESCRIPTION This course explores the relationship between Greek reflections on eros (in tragedy and philosophy) and modern theories of sex and sexuality grounded in these same texts (Freud and Foucault). The goal is an understanding of the modern culture of “sexuality.”

ANTH 4750 Film Culture, Morality and Modernity

CREDIT HOURS 3.0

DESCRIPTION This course begins with an analysis of the technological revolutions that made modern film culture possible, as well as the shift in perceptions of objectivity and subjectivity in storytelling occasioned by these startling innovations.

ANTH 4760 Archaeology of the Olympics

CREDIT HOURS 3.0

DESCRIPTION This course offers a comparative study of the ancient and modern Olympic Games, which will concentrate on the cultural and religious meaning of ritualized athletic activity. It also provides a case study of Neohellenic revival, a significant cultural force, globally speaking, in the last two hundred years.

ANTH 4790 The Concept of Origins

CREDIT HOURS 3.0

DESCRIPTION This course offers a survey of the emerging "Human Sciences" in which the concept of origins became foundational, such as: Anthropology of Religion; Archaeology; Classical Studies; Evolutionary Biology; Philosophy; Sociology of Religion; and Theology

ANTH 4799 Founders and Foundations: The Anthropology of Religious Community Formation

CREDIT HOURS 3

DESCRIPTION One approach to the comparative study of religion is to explore the similarities and differences between various religious traditions; another approach explores the remarkable diversity to be found within a single religious tradition. This course develops the second approach through an early Christian case study.

ANTH 4830 Anthropology Internship

CREDIT HOURS 3.0 - 9.0

PREREQUISITES approval of sponsoring faculty advisor and department chair

DESCRIPTION Academic training and professional experience through short-term internships at public or private agencies. May be taken more than once, but only three credits may be applied toward major requirements. This course may include a Signature Experience component.

ANTH 4850 GSU Exchange and Non-GSU Study Abroad

CREDIT HOURS 3.0 - 9.0

PREREQUISITES Permission of faculty member in the Department of Anthropology at GSU

DESCRIPTION This course provides students with an opportunity to receive Anthropology credit hours in a study abroad program or field school, including GSU exchange programs (but not GSU faculty-led study abroad programs) and non-GSU programs. Students may receive credit for programs that involve travel to a society overseas that exposes them to anthropological perspectives and methods of studying and interpreting different ways or life and that provides them with experience in anthropological methods. This course may include a Signature Experience component.

ANTH 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Reading or research preparatory to honors thesis or project. This course may include a Signature Experience component.

ANTH 4880 Honors Thesis: Writing

CREDIT HOURS 3.0 - 6.0

PREREQUISITES ANTH 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

ANTH 4970 Senior Seminar in Anthropology-CTW

CREDIT HOURS 3.0

PREREQUISITES 75 hours; ANTH 4020 or ANTH 4600 with grade of C or higher

DESCRIPTION Integration of theories and methods learned during study for the B.A. in anthropology; specific emphasis placed on how theory and method relate to modern anthropology. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all anthropology majors.

ANTH 4980 Selected Topics-CTW

CREDIT HOURS 3.0

PREREQUISITES ANTH 2010, ANTH 2020, or ANTH 2030 with grade of C or higher, or instructor's consent

DESCRIPTION May be repeated for credit if topic varies; a maximum of six credit hours may be applied toward the major. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all anthropology majors.

ANTH 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements. This course may include a Signature Experience component.

ANTH 4999 Directed Readings

CREDIT HOURS 1.0 - 4.0

DESCRIPTION This course may include a Signature Experience component.

AL APPLIED LINGUISTICS

AL 2021 Introduction to English Linguistics

CREDIT HOURS 3.0

DESCRIPTION A brief survey of major topics in the linguistics of English, including word, sentence and text structure, the history of English, and variation in English usage.

AL 2101 Introduction to Language

CREDIT HOURS 3.0

DESCRIPTION (Same as FORL 2101.) Non-technical introduction to issues pertaining to language and languages, including language structure, first and second language acquisition, language variation (regional and social), and language change.

AL 2102 Languages of the World

CREDIT HOURS 3.0

DESCRIPTION (Same as FORL 2102.) Survey of the world's languages and an introduction to the variety of linguistic phenomena found in different languages.

AL 2231 Understanding Miscommunication

CREDIT HOURS 3.0

DESCRIPTION Introductory, non-technical investigation of miscommunication, including its causes and how it can and cannot be avoided; emphasis on linguistic and cultural factors that may lead to miscommunication.

AL 2290 Introductory Special Topics in Applied Linguistics

CREDIT HOURS 3.0

DESCRIPTION This course provides an exploration at an introductory level of a specific topic in applied linguistics that is not currently included in the curriculum. May be repeated if topic differs.

AL 3021 Introduction to Linguistics

CREDIT HOURS 3.0

PREREQUISITES AL 2021 with a grade of C or better, or a suitable score on the departmental placement test

DESCRIPTION (Same as FORL 3021.) An introduction to the major areas of linguistics: phonetics, phonology, morphology, syntax, and semantics.

AL 3031 Language in Society

CREDIT HOURS 3.0

PREREQUISITES Completion of 60 hours of credit, and AL 2021, AL 2101/FORL 2101, or AL 3021/FORL 3021 with grade of C or higher, or departmental consent

DESCRIPTION Introduction to sociolinguistics, focusing on the ways in which language serves the needs of the individual and society.

AL 3041 Introduction to Second Language Acquisition

CREDIT HOURS 3.0

PREREQUISITES AL 3021 or FORL 3021 with grade of C or higher, or equivalent

DESCRIPTION (Same as FORL 3041.) Introduction to processes of acquiring a second (foreign or additional) language. Compares the experiences of young children, adolescents, and adult-age language learners. Global Perspectives Course.

AL 3051 Teaching English as a Foreign Language I: Methods and Approaches

CREDIT HOURS 3.0

PREREQUISITES AL 3021 must be taken concurrently or completed with a C or higher

DESCRIPTION This is the first course in a two course sequence designed to prepare individuals who plan on living abroad to serve as competent teachers of English as a foreign language (EFL). It features attention to adaptation to a new culture, historical and contemporary developments in English language teaching, and techniques for teaching listening, speaking, reading, writing, vocabulary and grammar. Global Perspectives Course.

AL 3101 English Grammar in Use

CREDIT HOURS 3.0

PREREQUISITES AL 2021 with a grade of C or better, or a suitable score on the departmental placement test

DESCRIPTION Study of English grammar as it is used in different contexts. Especially recommended for students who expect to teach English to adult speakers of other languages.

AL 4011 Phonetics and Phonology

CREDIT HOURS 3.0

PREREQUISITES AL 3021 or FORL 3021 with grade of C or higher, or equivalent

DESCRIPTION (Same as FORL 4011.) Description and classification of the sounds of human language; patterns of their occurrence and rules governing their use in various languages; emphasis on phonology in a generative framework.

AL 4012 Morphology and Syntax

CREDIT HOURS 3.0

PREREQUISITES AL 3021 or FORL 3021 with grade of C or higher, or equivalent

DESCRIPTION (Same as FORL 4012.) Introduction to the basic concepts of syntax, including word classes, constituents, case systems, word order, and grammatical relations. Emphasis on comparison of syntax of a wide variety of languages.

AL 4090 Language and Computers

CREDIT HOURS 3.0

PREREQUISITES AL/FORL 3021 with C or higher

DESCRIPTION The class will focus on how computers understand language and also examine the social and ethical considerations of language technologies. Topics covered will include speech recognition, spelling correction, search engines, dialog tasks, computer assisted language learning, machine translation, spelling and grammar correction, forensic linguistics, and e-mail filtering. The course will focus specifically on natural language processing (NLP) and its applications.

AL 4111 Semantics and Pragmatics in Linguistic Theory

CREDIT HOURS 3.0

PREREQUISITES AL 3021 or FORL 3021 with grade of C or higher, or equivalent

DESCRIPTION (Same as FORL 4111.) Broad range of topics in semantics, the study of how language communicates meaning, and in pragmatics, the study of how language is used to accomplish a speaker's intention.

AL 4121 Historical Linguistics

CREDIT HOURS 3.0

PREREQUISITES AL 3021 or FORL 3021 with grade of C or higher, or equivalent

DESCRIPTION (Same as FORL 4121.) Comprehensive introduction to historical and comparative linguistics with a focus on causes and mechanisms of language change over time. Global Perspectives Course.

AL 4131 Bilingualism

CREDIT HOURS 3.0

PREREQUISITES AL 3021 or FORL 3021 with grade of C or higher, or equivalent

DESCRIPTION (Same as FORL 4131.) Comprehensive introduction to the phenomena, role, and function of bilingualism in the contemporary world with special emphasis on North America. Global Perspectives Course.

AL 4141 Special Topics in Language Studies

CREDIT HOURS 3.0

PREREQUISITES AL 3021 or FORL 3021 with grade of C or higher, or equivalent

DESCRIPTION (Same as FORL 4141.) Topic varies according to instructor. May be repeated for a maximum of six semester hours.

AL 4151 Communication Across Cultures-CTW

CREDIT HOURS 3.0

PREREQUISITES AL 3021 with grade of C or higher, and senior status (90 hours earned)

DESCRIPTION Each student will complete an independent research project. Serves as a Critical Thinking Through Writing (CTW) course for applied linguistics majors. Cities Perspective Course. Global Perspectives Course This course may include a Signature Experience component.

AL 4161 Teaching English as a Second Language II: Practicum and Classroom Practices

CREDIT HOURS 3.0

PREREQUISITES AL 3051 and AL 3021 or FORL 3021 with grades of C or higher, or equivalent

DESCRIPTION This is the second course in a two course sequence designed to prepare individuals who plan on living abroad to serve as competent teachers of English as a foreign language (EFL). Its purpose is to complement the relatively broadeR, and more theoretical, perspective of TEFL I by focusing on classroom practices (e.g., micro-teaching, classroom management, lesson planning) and building intercultural awareness and sensitivities. Global Perspectives Course. This course may include a Signature Experience component.

AL 4241 Senior Seminar in Applied Linguistics-CTW

CREDIT HOURS 3.0

DESCRIPTION Prerequisite:AL 3031 (or other appropriate prerequisite given the topic of the course) with grade of C or higher, and senior status (90 hours earned). Overview of current issues and research methods in applied linguistics. Each student will complete an independent research project. Serves as a Critical Thinking Through Writing (CTW) course for applied linguistics majors. This course may include a Signature Experience component.

AL 4980 Internship

CREDIT HOURS 3.0

PREREQUISITES AL 3021 or FORL 3021 with grade of C or higher, Junior or Senior standing, and a declared Applied Linguistics major or minor

DESCRIPTION This course provides an opportunity to observe and interact with professionals engaged in day-to-day activities in a corporate or non-profit setting. Students will gain occupational skills through hands-on experience and apply linguistics theory, pedagogy, and/or analysis methods to relevant problems in written assignments. AL 3051 TEFL I and AL 4161 TEFL II are recommended before an internship that involves teaching English. May be repeated once to fulfill residency or total degree hour requirements, but not to fulfill major requirements. This course may include a Signature Experience component.

AL 4985 Internship Abroad

CREDIT HOURS 3.0

PREREQUISITES AL 3021 or FORL 3021 with grade of C or higher, Junior or Senior standing, and a declared Applied Linguistics major or minor

DESCRIPTION In an international corporate or non-profit setting, students will gain occupational skills and apply linguistics theory, pedagogy, and/or analysis methods to relevant problems in written assignments. AL 3051 TEFL I and AL 4161 TEFL II are recommended before an internship that involves teaching English. May be repeated once to fulfill residency or total degree hour requirements, but not to fulfill major requirements. Internship hours must be completed abroad for this course. This course may include a Signature Experience component.

AL 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

AL 4999 Directed Readings

CREDIT HOURS 3.0

DESCRIPTION This course may include a Signature Experience component.

ARBC 1001 Elementary Arabic I

CREDIT HOURS 3.0

DESCRIPTION Development of basic communication skills in the spoken language. Introduction to the system of writing, the reading of simple texts, and basic grammatical structures. Students are introduced to various aspects of arabic culture. Not open to native speakers of Arabic.

ARBC 1002 Elementary Arabic II

CREDIT HOURS 3.0

PREREQUISITES ARBC 1001 with grade of C or higher, or placement into 1002

DESCRIPTION Development of the basic communication skills in the spoken language. Introduction to the system of writing, the reading of simple texts, and basic grammatical structures. Students are introduced to various aspects of arabic culture. Not open to native speakers of Arabic.

ARBC 1101 Intensive Elementary Arabic

CREDIT HOURS 6.0

DESCRIPTION Introduction to the system of writing, the reading of simple texts, and basic grammatical structures. This is an intensive course and includes all material covered in ARBC 1001 and ARBC 1002. Not open to native speakers of Arabic. Summer semester only.

ARBC 1102 Introduction to Arabic Grammar and Syntax

CREDIT HOURS 3.0

DESCRIPTION This online only asynchronous course will cover the basic grammar and syntax of Arabic, as a means of supplementing a performance-based approach in regular first-year Arabic courses. Students will learn at their own pace how to properly recognize, form and use basic structures of the language. Instructors and tutors will be available at specific times via Internet chat to answer students' questions.

ARBC 1103 Elementary Arabic Conversation

CREDIT HOURS 3.0

DESCRIPTION This course is intended to introduce beginner students to conversation in standard Arabic. This course is entirely oral: it does not introduce the writing system (ARBC 1001) nor anything like formal grammar (ARBC 1002 and ARBC 1102). Rather, it concentrates on communication, conversation, debate and presentation. Not open to native or heritage speakers of Arabic.

ARBC 2001 Intermediate Arabic I

CREDIT HOURS 3.0

PREREQUISITES ARBC 1002 with grade of C or higher, or placement into 2001

DESCRIPTION Continuing development of communicative skills; further work with the writing system; reading of simple authentic texts; and intermediate grammatical structures. Arabic culture presented. Not open to native speakers of a Arabic.

ARBC 2002 Intermediate Arabic II

CREDIT HOURS 3.0

PREREQUISITES ARBC 2001 with grade of C or higher, or placement into 2001

DESCRIPTION Continuing development of communicative skills; further work with the writing system; reading of simple authentic texts; and intermediate grammatical structures. Arabic culture presented. Not open to native speakers of a Arabic.

ARBC 3001 Advanced Arabic I

CREDIT HOURS 3.0

PREREQUISITES ARBC 2002 with grade of C or higher, or equivalent

DESCRIPTION Advanced language study complemented by Arabic folk tales. Focus on advanced reading comprehension with additional practice in writing, speaking and listening.

ARBC 3002 Advanced Arabic II

CREDIT HOURS 3.0

PREREQUISITES ARBC 3001 with grade of C or higher, or equivalent

DESCRIPTION Continued advanced study, complemented by readings from authentic print media.

ARBC 3100 Spoken Arabic Dialect

CREDIT HOURS 3.0

DESCRIPTION This course introduces one of the spoken Arabic dialects used in everyday conversation. The specific dialect (Egyptian, Levantine, Moroccan) varies by semester and instructor.

ARBC 3103 Advanced Arabic Conversation

CREDIT HOURS 3.0

PREREQUISITES ARBC 2001 with a C or higher

DESCRIPTION No restrictions or cross-listings. This course is intended to enable intermediate and advanced Arabic students to engage in conversation in standard Arabic. This course is entirely oral: it does not involve the writing system nor anything like formal grammar. Rather, it concentrates on communication, conversation, debate and presentation. Not open to native speakers of Arabic.

ARBC 4501 Classical Arabic Literature and Culture – CTW

CREDIT HOURS 3.0

DESCRIPTION This course is an introduction to classical Arabic literature and culture from its beginnings in the fifth century to the thirteenth century C.E. The course includes selections from the Qur'an as well as texts and poetry representing different literary periods: Pre-Islamic, Early Islamic, Umayyad, Abbasid, and Hispano-Arabic. The course also addresses the scientific and technological developments of the period. All readings will be in English translation. No knowledge of Arabic is required. This is a Critical Thinking Through Writing (CTW) course.

ARBC 4502 Modern Arabic Literature in Translation – CTW

CREDIT HOURS 3.0

DESCRIPTION The goals of this class include introducing students to realist and experimental modern novels by Arab writers from different countries (including Egypt, Lebanon, Palestine, Saudi Arabia, and Sudan), familiarizing the students with the socio-historic background necessary for thinking and writing critically about the literature and cultures of the region, exploring some of the major recurrent themes in modern Arabic literature, and analyzing the rhetorical devices and literary techniques employed by the authors of these novels. All readings are in English translation. No knowledge of Arabic is required. This is a Critical Thinking Through Writing (CTW) course.

ARBC 4510 Arabic Study Abroad

CREDIT HOURS 1.0 - 6.0

PREREQUISITES Consent of instructor

DESCRIPTION Provides Arabic instruction within an immersion environment in host country. Location of study abroad may vary. This course may include a Signature Experience component.

ARBC 4511 Moroccan History and Culture

CREDIT HOURS 3.0

PREREQUISITES Restricted to students engaged in the Summer Study Abroad program

DESCRIPTION The Summer Study Abroad program includes excursions on weekends to different parts of Morocco. The course will have two components: a lecture, in Arabic, on Moroccan history and politics. Not open to native speakers of Arabic.

ARBC 4890 Independent Study in Arabic

CREDIT HOURS 1.0 - 4.0

PREREQUISITES Consent of instructor

DESCRIPTION Advanced reading course in Arabic tailored to subject interests of students.

ART 1010 Drawing I

CREDIT HOURS 3.0

DESCRIPTION Introduction to the techniques, materials, and principles of drawing.

FEES $20.00

ART 1020 Two-Dimensional Design

CREDIT HOURS 3.0

DESCRIPTION The fundamentals of two-dimensional design introduced through projects in a variety of media.

FEES $20

ART 1030 Three-Dimensional Design

CREDIT HOURS 3.0

DESCRIPTION The fundamentals of three-dimensional design introduced through projects in a variety of media.

ART 1050 Introductory Studio

CREDIT HOURS 3.0

DESCRIPTION This course is designed to be an introduction to the practices, processes and ideas of a creative artist.

FEES $20.00

ART 1301 Art, Society, and Culture

CREDIT HOURS 3.0

DESCRIPTION This course is a survey of world art from prehistory to the present. It explores the relationship of art and artist to past cultures as well as the relevance of the visual arts in our time.

ART 2000 Fundamentals of Sculpture

CREDIT HOURS 3.0

DESCRIPTION Basic introduction to a variety of sculptural materials and processes.

ART 2050 Fundamentals of Ceramics

CREDIT HOURS 3.0

DESCRIPTION Basic introduction to a variety of ceramic materials and processes.

ART 2200 Fundamentals of Painting I

CREDIT HOURS 3.0

PREREQUISITES ART 1010 and ART 1020 with a grade of C or higher

DESCRIPTION Basic introduction to a variety of materials and processes using water-based media.

ART 2300 Fundamentals of Painting II

CREDIT HOURS 3.0

DESCRIPTION Basic introduction to a variety of materials and processes using oil-based media. Course includes lab fee.

ART 2400 Fundamentals of Photography

CREDIT HOURS 3.0

DESCRIPTION Basic introduction to a variety of photographic materials and processes.

FEES $75

ART 2900 Selected Topics in Studio

CREDIT HOURS 3.0

PREREQUISITES Two of the following: ART 1010, ART 1020, ART 1030, ART 1050 with grades of C or higher or consent of the instructor

DESCRIPTION This lower level studio course can be taken as elective credit for art majors and non-art majors. Students taking ART 2900 should be enrolled in a study abroad program sponsored by the Ernest G. Welch School of Art and Design at Georgia State University and should have taken at least two studio foundations courses in order to be prepared for the studio work involved in this class. Students who do not have the listed prerequisites must have consent of the instructor to enroll.

ART 3400 Space, Scale, Time: Digital Possibilities

CREDIT HOURS 3.0

PREREQUISITES Consent of instructor or B.F.A. studio major status required (AB Studio major ineligible)

DESCRIPTION Fine arts studio introduction to electronic/digital media.

FEES $20.00

ART 3690 Honors Readings

CREDIT HOURS 1.0 - 6.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and readings on selected topics.

ART 3910 Critical Issues in Contemporary Art-CTW

CREDIT HOURS 3.0

PREREQUISITES 18 credit hours in art

DESCRIPTION Interdisciplinary course examining changes over the past fifty years, both in art and society, and how these changes have influenced contemporary art and professional art practice. Emphasis on theoretical and critical thinking. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all Art majors.

ART 4500 Directed Study-CTW

CREDIT HOURS 3.0

PREREQUISITES ART 3910 and two courses from the Studio Concentration (3000/4000 level, select from one discipline previously studied)

DESCRIPTION This studio course is the capstone course for BA in Studio Art and is designed for students to explore a self-defined project in depth over the course of one semester. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all Art majors. This course may include a Signature Experience component.

ART 4850 Visiting Artist Seminar

CREDIT HOURS 3.0

PREREQUISITES B.F.A. status, or permission of area coordinator

DESCRIPTION Specialized undergraduate course devoted to topics related to the Ernest G. Welch Visiting Artist. The Visiting Artist will be distinguished in his or her area of expertise and will teach on campus during his or her semester of residency.

ART 4870 Honors Thesis: Research

CREDIT HOURS 1.0 - 6.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

ART 4880 Honors Thesis: Writing

CREDIT HOURS 1.0 - 6.0

PREREQUISITES ART 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

ART 4980 Special Problems

CREDIT HOURS 1.0 - 6.0

PREREQUISITES Consent of instructor and School director

DESCRIPTION Independent studies initiated by the student. This course may include a Signature Experience component.

ART 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

AE ART EDUCATION

AE 2300 Art and Music for Early Childhood

CREDIT HOURS 3.0

DESCRIPTION Not for art or music majors. Art and music content and teaching methods with an emphasis on integration into general classroom settings.

FEES $40.00

AE 4000 Selected Topics in Art Education

CREDIT HOURS 3.0

DESCRIPTION Special topics for art education students. May be repeated for a maximum of six hours.

AE 4200 Art for Preschool through Fifth Grade

CREDIT HOURS 3.0

PREREQUISITES ART 1020, ART 1030, ART 1050, and two 1000-level art history courses with grades of C or higher, 2.5 institutional GPA and 3.0 GPA in art and art history courses

DESCRIPTION Curriculum materials and practicum. Lecture and laboratory. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all art education majors.

FEES $40.00

AE 4300 Art for Middle and Secondary Schools

CREDIT HOURS 3.0

PREREQUISITES AE 4200 with grade of B or higher and admission to the art education major, 2.5 institutional GPA, 3.0 GPA in art and art history courses, passing scores on GACE Basic Skills test, and successful portfolio review

DESCRIPTION Curriculum materials, methods assessment and observations. Lecture and laboratory.

FEES $40.00

AE 4400 Media, Technology, and Visual Presentation

CREDIT HOURS 3.0

PREREQUISITES AE 4200 with grade of B or higher and admission to the art education major 2.5 institutional GPA, 3.0 GPA in art and art history courses, passing scores on the GACE Basic Skills test, and successful portfolio review

DESCRIPTION Computer-based educational and artistic media, visual presentation, and use of technology in the art classroom. Lab Fee $40.00.

AE 4600 Art Education Practicum

CREDIT HOURS 4.0

PREREQUISITES AE 4200, completed with B- or better; 2.5 overall GPA with 3.0 GPA in art courses; passed GACE test or equivalent

DESCRIPTION Cross-listed with AE 6600. 16 hours per week of observations in the school setting with bi-weekly seminars (240 hours of observation per semester). This course is intended for undergraduate certification Art Education majors. This course may include a Signature Experience component.

AE 4650 Opening School Experience

CREDIT HOURS 0.0

PREREQUISITES Admitted to Teacher Education

REQUIREMENTS Course is graded as satisfactory/unsatisfactory

DESCRIPTION A minimum grade of "S" is required for this course. Students gain practical experiences in the school and classroom during the week of preplanning and the first week of school. While assisting in the classroom, students learn effective procedures for beginning the school year. This course may include a Signature Experience component.

AE 4750 (TE) Student Teaching in Art

CREDIT HOURS 3.0

PREREQUISITES Consent of instructor

DESCRIPTION Must be taken concurrently with AE 4760, AE 4770, and AE 4780. Observing, teaching, coordinating, and directing art experiences under the guidance of a supervising teacher. This course may include a Signature Experience component.

FEES $125.00

AE 4760 (TE) Student Teaching in Art

CREDIT HOURS 3.0

PREREQUISITES Consent of instructor

DESCRIPTION Must be taken concurrently with AE 4750, AE 4770, and AE 4780. Observing, teaching, evaluating, and directing art experiences under the guidance of a supervising teacher. This course may include a Signature Experience component.

FEES $125.00

AE 4770 (TE) Student Teaching in Art

CREDIT HOURS 3.0

PREREQUISITES Consent of instructor

DESCRIPTION Must be taken concurrently with AE 4750, AE 4760, and AE 4780. Observing, teaching, coordinating, and directing art experiences under the guidance of a supervising teacher. This course may include a Signature Experience component.

FEES $125.00

AE 4780 (TE) Student Teaching in Art

CREDIT HOURS 3.0

PREREQUISITES Consent of instructor

DESCRIPTION Must be taken concurrently with AE 4750, AE 4760, and AE 4770. Observing, teaching, coordinating, and directing art experiences under the guidance of a supervising teacher. This course may include a Signature Experience component.

FEES $125.00

AE 4785 Teacher Education Internship I

CREDIT HOURS 3.0

PREREQUISITES AE 4200 with grade of B or higher, or concurrently with consent of instructor

DESCRIPTION Concurrent enrollment in AE 4786, Internship I Seminar. GACE or equivalent, 2.5 institutional GPA, 3.0 GPA in all art and art history courses. Full-time internship in an elementary, middle or high school setting. Students will be supervised on site by Georgia State University faculty. Responsibilities include lesson planning, curriculum development, and classroom management. This course may include a Signature Experience component.

AE 4786 Teacher Education Internship I Seminar

CREDIT HOURS 3.0

PREREQUISITES AE 4200 with grade of B or higher, or concurrently with consent of instructor, concurrent enrollment in AE 4785, Internship I

DESCRIPTION GACE or equivalent, 2.5 institutional GPA, 3.0 GPA in all art and art history courses. Seminar designed to support and extend the Internship I through reading, reflective response, creative projects, teaching portfolio and seminar discussion. This course may include a Signature Experience component.

AE 4795 (TE) Internship II

CREDIT HOURS 3.0

PREREQUISITES AE 4200 with grade of B or higher, or concurrently with consent of instructor, concurrent enrollment in AE 4796, Internship II Seminar

DESCRIPTION GACE or equivalent, 2.5 institutional GPA, 3.0 GPA in all art and art history courses. Full-time internship in an elementary, middle or high school setting. Responsibilities will include self-assessment of teaching performance, creating instructional resources, and integrating art into the larger curriculum. This course may include a Signature Experience component.

AE 4796 Teacher Education Internship II Seminar

CREDIT HOURS 3.0

PREREQUISITES AE 4200 with grade of B or higher, or concurrently with consent of instructor, concurrent enrollment in AE 4795, Internship II

DESCRIPTION GACE or equivalent, 2.5 institutional GPA, 3.0 GPA in all art and art history courses. Seminar designed to support and extend AE 4795, Internship II. Responsibilities will include reading, creating instruction resources, teaching portfolio and integrating art into the larger curriculum. This course may include a Signature Experience component.

AE 4800 Community Arts Internship

CREDIT HOURS 3.0

PREREQUISITES AE 4200, AE 4300, AE 4400, and AE 4000 with grades of B- or higher; 2.5 institutional GPA; 3.0 GPA in art and art history courses

DESCRIPTION Full-time daily internship in community arts setting, conducted for ArtEd students only. Interns supervised on site by GSU faculty. Planning & delivering age-appropriate art lessons in context of the community; interacting with community arts mentors & clients. For ArtEd majors not seeking teaching certification in GA.

AE 4810 Community Arts Internship

CREDIT HOURS 3.0

PREREQUISITES Successful completion of AE 4200, AE 4300, AE 4400, and AE 4000 with grade of B- or higher; 2.5 institutional GPA; 3.0 GPA in art and art history courses

DESCRIPTION To be taken concurrently with AE 4800. Seminar to compliment Community Arts Internship. Readings related to teaching & learning in community settings. Researching context in which interns teach; goals of Community Art Centers, interacting with mentors & clients. For ArtEd majors not seeking teaching certification in GA.

AE 4900 Art Theory and Criticism in Art Education

CREDIT HOURS 3.0

PREREQUISITES AE 4200 with grade of C or higher can be taken concurrently only with consent of the instructor, 2.5 institutional GPA, and 3.0 GPA in art and art history courses

DESCRIPTION Topics include art criticism, aesthetics, and multiculturalism and how issues from these areas may impact curriculum in art classrooms. Methods and practicum. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all art education majors. Lab Fee $30.00. Global Perspectives Course.

AE 4980 Special Problems

CREDIT HOURS	3.0
PREREQUISITES	Consent of instructor and school director
DESCRIPTION	Course of study initiated by the student.

AH ART HISTORY

AH 1700 Survey of Art I: Western Art from Antiquity to the Middle Ages

CREDIT HOURS 3.0

DESCRIPTION Art of the Western world from prehistory through the Middle Ages.

AH 1750 Survey of Art II: Western Art from the Renaissance to the Present

CREDIT HOURS 3.0

DESCRIPTION Art of the Western world from the fourteenth century to the present.

AH 1850 Survey of Art III: Art of Africa, Oceania, and the Americas

CREDIT HOURS 3.0

DESCRIPTION Survey of the arts of the indigenous cultures of Africa, Oceania, and the Americas. Anthropological and multidisciplinary approach.

AH 2000 Survey of Art Since 1900

CREDIT HOURS 3.0

DESCRIPTION Overview of modern and contemporary art practices.

AH 3000 Introduction to Art Historical Methodology-CTW

CREDIT HOURS 3.0

PREREQUISITES Two 1000-level art history courses (AH 1700, AH 1750, or AH 1850) with grades of C or higher, or consent of instructor

DESCRIPTION Introduction to art historical methodology and historiography. Examination of the primary contributors, concerns, controversies and assumptions of the discipline (AH majors are encouraged to take AH 3000 as the first course among their upper-division selections.). Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all art history majors.

AH 3690 Honors Directed Readings

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and readings on selected topics.

AH 4000 African Art

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4300.) Survey of the sculpture, architecture, textiles, body ornament, and performance arts of Africa in terms of form, meaning, and function within society. Objects reintegrated into cultural contexts and examined in light of "tradition" and social and political change. Global Perspectives Course.

AH 4010 Art of Ancient Egypt and Nubia

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4310 and MES 4510.) Survey of the painting, sculpture, architecture, and minor arts in ancient Egypt and Nubia with reference to their chronological development and underlying historical, religious, and cultural meanings. Global Perspectives Course.

AH 4011 Art and Architecture of Ancient Egypt I: 4000-1600 BC

CREDIT HOURS 3.0

PREREQUISITES AH 1700 with grade of C or higher, or consent of instructor

DESCRIPTION (Same as MES 4511.) An examination of the art and architecture of ancient Egypt from the Predynastic Period to the Middle Kingdom with reference to stylistic development and historical, religious, and cultural contexts. Global Perspectives Course.

AH 4012 Art and Architecture of Ancient Egypt II: 1600-31 BC

CREDIT HOURS 3.0

PREREQUISITES AH 1700 with grade of C or higher, or consent of instructor

DESCRIPTION (Same as MES 4512.) An examination of the art and architecture of ancient Egypt from the New Kingdom to the Ptolemaic Period with reference to stylistic development and historical, religious, and cultural contexts. Global Perspectives Course.

AH 4025 Art & Architecture of Ancient Egypt & the Near East

CREDIT HOURS 3.0

PREREQUISITES AH 1700 with a grade of C- or higher, or consent of instructor

DESCRIPTION This course covers art and architecture in ancient Egypt and, to a lesser degree, the ancient Near East. It surveys the primary monuments and objects from these areas and periods. It is aimed at undergraduate Art History, Studio, and Art Ed students.

AH 4030 Contemporary African Art

CREDIT HOURS 3.0

DESCRIPTION Arts and artists of Africa during the colonial and post- colonial eras. Social, political, economic, and cultural frameworks explore shifting notions of tradition, authenticity, and identity as they relate to art, artists, and audiences. Global Perspectives Course.

AH 4110 Art and Architecture of Ancient Greece

CREDIT HOURS 3.0

PREREQUISITES AH 1700 with grade of C or higher, or consent of instructor

DESCRIPTION Aegean and ancient Greek art from 3000-31 BC. Examination of archaeological methods, development of style, and the social, religious, and political contexts of artistic production. Global Perspectives Course.

AH 4120 Art and Architecture of Ancient Rome

CREDIT HOURS 3.0

PREREQUISITES AH 1700 with grade of C or higher, or consent of instructor

DESCRIPTION Roman artistic traditions and building techniques from the time of the Etruscans through the fall of the Roman empire; examination of the Romans' cultural heritage and influences on socioeconomic and political structures to modern times. Global Perspectives Course.

AH 4200 Art and Architecture of the Middle Ages

CREDIT HOURS 3.0

PREREQUISITES AH 1700 with grade of C or higher, or consent of instructor

DESCRIPTION Art and architecture of Europe and the Mediterranean basin from the Early Christian period to the Gothic, with special emphasis on the church arts of Italy, Byzantium, France, England, and Germany. Global Perspectives Course.

AH 4310 Art of Northern Europe in the Renaissance Era

CREDIT HOURS 3.0

PREREQUISITES AH 1750 with grade of C or higher, or consent of instructor

DESCRIPTION Miniaturistic traditions incorporated into monumental artistic production in Northern Europe during the fifteenth and sixteenth centuries. Global Perspectives Course.

AH 4320 Italian Renaissance Art: The Age of Humanism

CREDIT HOURS 3.0

PREREQUISITES AH 1750 with grade of C or higher, or consent of instructor

DESCRIPTION Art from the late fourteenth to the sixteenth century. Focus on philosophical and religious underpinnings. Global Perspectives Course.

AH 4400 Baroque Art

CREDIT HOURS 3.0

PREREQUISITES AH 1750 with grade of C or higher, or consent of instructor

DESCRIPTION Art of seventeenth-century Europe during the age of kings, papal princes, and a new Protestant bourgeoisie in the North. Global Perspectives Course.

AH 4450 Eighteenth-Century European Art

CREDIT HOURS 3.0

PREREQUISITES AH 1750 with grade of C or higher, or consent of instructor

DESCRIPTION Critical history of the major developments in European art and architecture of the eighteenth century. Global Perspectives Course.

AH 4500 Nineteenth-Century European Art

CREDIT HOURS 3.0

PREREQUISITES AH 1750 with grade of C or higher, or consent of instructor

DESCRIPTION Critical history of the major developments in European art and architecture of the nineteenth century. Global Perspectives Course.

AH 4600 Modern Architecture

CREDIT HOURS 3.0

PREREQUISITES AH 1750 with grade of C or higher, or consent of instructor

DESCRIPTION Critical history of Western architecture from the eighteenth through twenty-first centuries. Cities Perspectives Course. Global Perspectives Course.

AH 4610 Twentieth-Century European and American Modernism

CREDIT HOURS 3.0

DESCRIPTION Prerequisite AH 1750 with grade of C or higher, or AH 2000 with a grade of C or higher, or consent of instructor. Emphasizes analysis of social, economic, and political forces as they influence art in diverse media. Global Perspectives Course.

AH 4620 African-American Art

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4320.) Aesthetic expressions of African-American artists from colonial times to present. Social, cultural, and creative history of Black America. Diverse contributions made by artists of African descent to the development of American culture. Artists, art movements, the relationship of art to politics, and the formation of racial/cultural identity.

AH 4630 Pre-Columbian Art

CREDIT HOURS 3.0

DESCRIPTION Introduction to the visual culture of the Andes and Mesoamerica before Columbus. Global Perspectives Course.

AH 4650 American Art

CREDIT HOURS 3.0

PREREQUISITES AH 1750 with grade of C or higher, or consent of instructor

DESCRIPTION American painting, sculpture, photography, and architecture from the Revolutionary War to World War II.

AH 4660 Nineteenth and Twentieth-Century Art in Latin America

CREDIT HOURS 3.0

PREREQUISITES AH 1750 with grade of C or higher, or consent of instructor

DESCRIPTION The work of leading visual artists, architects, and photographers in Latin America during the nineteenth and twentieth centuries. Discussion of historical, political, social, and cultural contexts as well as issues of colonialism, gender relations, ethnicity, and representation. Global Perspectives Course.

AH 4685 Memory and Identity in Latin American Art

CREDIT HOURS 3.0

PREREQUISITES AH 1850 with a grade of C- or higher, or consent of instructor

DESCRIPTION This course covers diverse art and architecture from the pre-colonial period to the 20th century with a focus on the themes of memory and national identity.

AH 4690 Asian Art

CREDIT HOURS 3.0

DESCRIPTION This course gives an overview of the major currents and trends of the arts of Asia across periods and geographical areas.

AH 4700 Contemporary Art: Theory and Criticism

CREDIT HOURS 3.0

PREREQUISITES AH 1750 with grade of C or higher, or AH 2000 with a grade of C or higher, or consent of instructor

DESCRIPTION Linguistic bases of description, analysis, and evaluation of contemporary art. 3.000 Credit hours.

AH 4720 Feminist Issues in Contemporary Art

CREDIT HOURS 3.0

PREREQUISITES One 1000- or 2000-level AH course with a grade C or better

DESCRIPTION Emphasis on feminist analyses of contemporary art and visual culture. 3.000 credit hours.

AH 4750 Women Artists

CREDIT HOURS 3.0

DESCRIPTION (Same as WGSS 4740.) A survey of women artists from prehistory to the present. Global Perspectives Course.

AH 4800 Art History Topics

CREDIT HOURS 3.0

PREREQUISITES One 1000-level art history course with grade of C or higher

DESCRIPTION Course topic to be determined by instructor and may include arts of the Renaissance, Asia, the Islamic world, contemporary issues, and others. Course may be repeated for credit when addressing substantively different topic areas.

AH 4850 Visiting Scholar Seminar

CREDIT HOURS 3.0

PREREQUISITES B.A. or B.F.A. status, or permission of area coordinator

DESCRIPTION Specialized undergraduate course devoted to topics related to the Ernest G. Welch Visiting Scholar. The Visiting Scholar will be distinguished in his or her area of expertise and will teach on campus during his or her semester of residency.

AH 4870 Honors Thesis: Research

CREDIT HOURS 1.0 - 6.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

AH 4880 Honors Thesis: Writing

CREDIT HOURS 1.0 - 6.0

PREREQUISITES AH 4870 with a C or higher, good standing with the Honors College, and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

AH 4900 Special Studies Seminar

CREDIT HOURS 3.0

PREREQUISITES One 4000-level art history course with grade of C or higher

DESCRIPTION Topics may include African diaspora, German expressionism, Renaissance urban planning, signs and symbols in Christian art, and American identity as shaped by the domestic interior. May be repeated for credit if topics are different.

AH 4930 Art History Internship

CREDIT HOURS 3.0

PREREQUISITES Consent of instructor

DESCRIPTION Open to any Art History major. Internship in a museum, gallery, business or institution providing experience in a career related to the history of art. Internship must be approved by Art History Internship Coordinator in semester before internship begins. May be taken only once. This course may include a Signature Experience component.

AH 4950 Curatorial Practicum in Ancient Art

CREDIT HOURS 3.0

PREREQUISITES One 4000-level art history course with grade of C or higher or consent of instructor

DESCRIPTION A seminar that examines the basics of exhibition theory, design and implementation with a focus on ancient art. This course may include a Signature Experience component.

AH 4980 Special Problems

CREDIT HOURS 1.0 - 6.0

PREREQUISITES Consent of instructor and school director

DESCRIPTION Independent studies initiated by the student.

AH 4990 Art History Capstone-CTW

CREDIT HOURS 3.0

PREREQUISITES Must be Graduating Senior status, Art History Major

DESCRIPTION Development of analytical, research, writing, and speaking skills as appropriate to the field of art history. Guest lecturers will discuss art historical issues and professions. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all art history majors.

ASTR ASTRONOMY

ASTR 1000 Introduction to the Universe

CREDIT HOURS 3.0

DESCRIPTION Three lecture hours a week. A survey of the universe, examining the historical origins of astronomy; the motions and physical properties of the Sun, Moon, and planets; the formation, evolution, and death of stars; and the structure of galaxies and the expansion of the universe.

ASTR 1010 Astronomy of the Solar System

CREDIT HOURS 3.0

COREQUISITES ASTR 1010L

DESCRIPTION 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 1010K Astronomy of the Solar System

CREDIT HOURS 4.0

DESCRIPTION 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. Includes a laboratory component.

ASTR 1010L Astronomy Of The Solar System Lab

CREDIT HOURS 1.0

COREQUISITES ASTR 1010

DESCRIPTION This is the laboratory to accompany ASTR 1010.

ASTR 1020 Stellar and Galactic Astronomy

CREDIT HOURS 3.0

PREREQUISITES ASTR 1010K or ASTR 1010 and ASTR 1010L with a D or higher

COREQUISITES ASTR 1020L

DESCRIPTION The study of the sun and stars, their physical properties and evolution, interstellar matter, start clusters, our galaxy and other galaxies, and the origin and evolution of the universe.

ASTR 1020K Stellar and Galactic Astronomy

CREDIT HOURS 4.0

PREREQUISITES Astr1010K or Astr1010 and Astr1010L with grades of D or higher

DESCRIPTION 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. Includes a laboratory component.

ASTR 1020L Stellar and Galactic Astronomy Laboratory

CREDIT HOURS 1.0

COREQUISITES ASTR 1020

DESCRIPTION This is the laboratory to accompany ASTR 1020.

ASTR 1500 Life in the Universe

CREDIT HOURS 3.0

DESCRIPTION The course examines the possibility of life in the Universe beyond Earth. Techniques used to explore environments potentially suitable for life in our Solar System, as well as to discover and characterize thousands of planets orbiting other stars will be discussed. Connections to organisms surviving extreme environments on Earth will provide context for the many possibilities of life on other worlds. Three lecture hours a week.

ASTR 3010 Topics in Modern Astronomy

CREDIT HOURS 3.0

PREREQUISITES ASTR 1020 with grade of D or higher, or equivalent

DESCRIPTION Three lecture hours a week. Pulsars, quasars, black holes, x-ray sources, UV astronomy, IR astronomy, radio galaxies, interstellar molecules, 3K background radiation, manned and unmanned planetary exploration.

ASTR 3500 Quantitative Astronomy

CREDIT HOURS 4.0

PREREQUISITES PHYS 2212K with grade of C or higher, or consent of instructor

DESCRIPTION Four lecture hours a week. An intermediate-level course that uses the tools of calculus-based physics to explore the properties of planets, stars, galaxies, and the Universe.

ASTR 3510 Astrophysics of Stars and Planets

CREDIT HOURS 3.0

PREREQUISITES PHYS 2212K with a C or higher, or consent of instructor

DESCRIPTION This class is the first of a two-semester sequence designed to provide a technical introduction to the modern science of astronomy and astrophysics. Topics will include a survey of astronomical tools and methods, the physics of radiation and matter interactions, the Earth-Moon System, Solar System structure, formation, and membership, exoplanets, and the properties of the Sun and stars. To teach this course, the instructor will rely on calculus-based physics to explain the motions and properties of celestial objects. Three lecture hours a week.

ASTR 3520 Galactic and Extragalactic Astrophysics

CREDIT HOURS 3.0

PREREQUISITES ASTR 3510 with a C or higher

DESCRIPTION The class is the second of a two-semester sequence designed to provide a technical introduction to the modern science of astronomy and astrophysics. Topics will include the structure and properties of stellar atmospheres and interiors, star formation, stellar evolution, the Milky Way galaxy, properties of galaxies, large scale structure of the Universe, and cosmology. To teach this course, the instructor will rely on calculus-based physics to explain the motions and properties of celestial objects. Three lecture hours a week.

ASTR 4100 Astronomical Techniques and Instrumentation

CREDIT HOURS 3.0

PREREQUISITES PHYS 3401 and ASTR 3510 C or higher

DESCRIPTION Three lecture hours a week. Fundamental and practical application of imaging, spectroscopy, photometry, astrometry, interferometry, and current developments in detector technology and telescope design.

ASTR 4200 Applications in Modern Astronomy

CREDIT HOURS 3.0

PREREQUISITES PHYS 3401 and ASTR 3510 with a C or higher

DESCRIPTION Three lecture hours a week. This course presents an overview of modern astrophysical phenomena with an introduction to astronomical databases, plotting tools, data manipulation and visualization, and numerical analysis techniques. The course will emphasize data-driven problem solving, hands-on computational skills, and critical thinking. Cross-listed with ASTR 6200.

ASTR 4500 Special Topics in Astronomy and Astrophysics

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION Topics of special interest in astronomy and astrophysics as may fit the needs and interests of students and faculty. Topics may be in the fields of planetary astronomy, exoplanets, astrobiology, stellar and galactic astronomy, extra-galactic astronomy, and cosmology.

ASTR 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements. This course may include a Signature Experience component.

BIOL BIOLOGY

BIOL 1103 Introductory Biology I

CREDIT HOURS 3.0

COREQUISITES BIOL 1103L

DESCRIPTION Introduction to fundamental concepts in biology, with an emphasis on evolution, cell structure and function, basic chemistry of life, gene structure and function, cell division, and genetics. Application of these concepts to issues affecting society. This course does not fulfill the requirements for a major in biology.

BIOL 1103K Introductory Biology I

CREDIT HOURS 4.0

DESCRIPTION Introduction to fundamental concepts in biology, with an emphasis on evolution, cell structure and function, basic chemistry of life, gene structure and function, cell division, and genetics. Application of these concepts to issues affecting society. This course does not fulfill the requirements for a major in biology. BIOL 1103K is equivalent to BIOL 1103 and BIOL 1103L.

BIOL 1103L Introductory Biology I Lab

CREDIT HOURS 1.0

COREQUISITES BIOL 1103

DESCRIPTION Laboratory based application of topics covered in the lecture. This course does not fulfill the requirements for a major in biology.

BIOL 1104 Introductory Biology II

CREDIT HOURS 3.0

PREREQUISITES BIOL 1103K or BIOL 1103 and BIOL 1103L with grades of D or higher

COREQUISITES BIOL 1104L

DESCRIPTION Introduction to fundamental concepts in biology, with an emphasis on evolution, 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 1104K Introductory Biology II

CREDIT HOURS 4.0

PREREQUISITES BIOL 1103K or Biol1103 and Biol1103L with grades of D or higher

DESCRIPTION Introduction to fundamental concepts in biology, with an emphasis on evolution, 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 1104K is equivalent to BIOL 1104 and BIOL 1104L.

BIOL 1104L Introductory Biology II Laboratory

CREDIT HOURS 1.0

COREQUISITES BIOL 1104

DESCRIPTION Laboratory based application of topics covered in the lecture. This course does not fulfill the requirements for a major in biology.

BIOL 2050 Introduction to Drugs and Behavior

CREDIT HOURS 3.0

DESCRIPTION (Same as PSYC 2050.) Provides an introduction to the effects of drugs on behavior. Topics include how drugs affect the brain and, consequently, behavior; the underlying brain and environmental factors thought to be responsible for drug addiction, tolerance and sensitivity; treatment of major psychological disorders (e.g., depression, mania, anxiety) with drug therapy; and the classification of common psychoactive drugs.

BIOL 2106 Introduction to the Biological Sciences

CREDIT HOURS 2.0

DESCRIPTION Introduction to evolutionary theory, plant, animal, microbial diversity, evolutionary history, and ecology.

BIOL 2107 Principles of Biology I

CREDIT HOURS 3.0

PREREQUISITES CHEM 1211K or CHEM 1211 and CHEM 1211L with a C or higher

COREQUISITES BIOL 2107L

DESCRIPTION Introduction to scientific method, theory and experimentation, cell chemistry, enzymes, metabolism, photosynthesis, genetics, and evolution, and a survey of selected organisms. Fulfills Biology major requirement.

BIOL 2107K Principles of Biology I

CREDIT HOURS 4.0

PREREQUISITES CHEM 1211K or CHEM 1211 and CHEM 1211L with grades of C or higher

DESCRIPTION Introduction to scientific method, theory and experimentation, cell chemistry, enzymes, metabolism, photosynthesis, genetics, and evolution, and a survey of selected organisms. Fulfills Biology Major requirement. Three lecture and three laboratory hours a week.

BIOL 2107L Principles of Biology I Laboratory

CREDIT HOURS 1.0

COREQUISITES BIOL 2107

DESCRIPTION Laboratory based application of topics covered in the lecture. Fulfills Biology major requirement.

BIOL 2108 Principles of Biology II

CREDIT HOURS 3.0

PREREQUISITES BIOL 2107K or BIOL 2107 and BIOL 2107L, each with a C or higher

COREQUISITES BIOL 2108L

DESCRIPTION The biology of organisms with emphasis on structure, physiology, ecology, and evolutionary mechanisms and relationships. Fulfills Biology major requirement.

BIOL 2108K Principles of Biology II

CREDIT HOURS 4.0

PREREQUISITES BIOL 2107K or BIOL 2107 and BIOL 2107L with grades of C or higher

DESCRIPTION Three lecture and three laboratory hours a week. The biology of organisms with emphasis on structure, physiology, ecology, and evolutionary mechanisms and relationships. Fulfills Biology major requirement.

BIOL 2108L Principles of Biology II Laboratory

CREDIT HOURS 1.0

COREQUISITES BIOL 2108

DESCRIPTION Laboratory based application of topics covered in the lecture. Fulfills Biology major requirement.

BIOL 2110 Human Anatomy and Physiology I

CREDIT HOURS 3.0

COREQUISITES BIOL 2110L

DESCRIPTION Survey of the major organ systems in the human body. Chemical principles related to physiology are included.

BIOL 2110K Human Anatomy and Physiology I

CREDIT HOURS 4.0

PREREQUISITES recent course work in biology or chemistry is recommended

DESCRIPTION Survey of the major organ systems in the human body. Chemical principles related to physiology are included. Three lecture and two laboratory hours a week.

BIOL 2110L Human Anatomy and Physiology I Laboratory

CREDIT HOURS 1.0

COREQUISITES BIOL 2110

DESCRIPTION Laboratory based application of topics covered in the lecture.

BIOL 2120 Human Anatomy and Physiology II

CREDIT HOURS 3.0

PREREQUISITES BIOL 2110K or BIOL 2110 and BIOL 2110L, each with a 'C' or better

COREQUISITES BIOL 2120L

DESCRIPTION Survey of the major organ systems in the human body. Chemical principles related to physiology are included.

BIOL 2120K Human Anatomy and Physiology II

CREDIT HOURS 4.0

PREREQUISITES BIOL 2110K or BIOL 2110 taken with BIOL 2110L with grades of C or higher

DESCRIPTION Survey of the major organ systems in the human body. Chemical principles as related to physiology are included. Three lecture and two laboratory hours a week.

BIOL 2120L Human Anatomy and Physiology II Laboratory

CREDIT HOURS 1.0

COREQUISITES BIOL 2120

DESCRIPTION Laboratory based application of topics covered in the lecture.

BIOL 2240 Introduction to Human Physiology

CREDIT HOURS 3.0

PREREQUISITES BIOL 1104 and BIOL 1104L or BIOL 1104K; or BIOL 1108 and BIOL 1108L or BIOL 1108K; or BIOL 2108 and BIOL 2108L or BIOL 2108K with grade of C or higher

DESCRIPTION Major organ systems with emphasis on homeostatic mechanisms in health and disease.

BIOL 2250 Human Physiology Laboratory

CREDIT HOURS 1.0

PREREQUISITES BIOL 2240 with grade of D or higher, or concurrently

DESCRIPTION Exercises dealing with major organ systems. Recommended for health sciences students.

BIOL 2300 Microbiology and Public Health

CREDIT HOURS 3.0

PREREQUISITES one year each of high school biology and chemistry recommended

DESCRIPTION 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. The course is designed primarily for students who intend to enter one of the health professions.

BIOL 2310 Microbiology and Public Health Laboratory

CREDIT HOURS 1.0

PREREQUISITES BIOL 2300 with grade of D or higher, or concurrently

DESCRIPTION Three laboratory hours a week. Basic laboratory techniques for culture and identification of microbes.

FEES $50

BIOL 2500 Neurobiology and Behavior

CREDIT HOURS 2.0

PREREQUISITES BIOL 1104 and BIOL 1104L or BIOL 1104K; or BIOL 1108 and BIOL 1108L or BIOL 1108K; or BIOL 2108 and BIOL 2108L or BIOL 2108K; and CHEM 1212 and CHEM 1212L; or CHEM 1212K with a C or higher

DESCRIPTION An introduction to the neural basis of behavior in animals. The emphasis will be on the evolutionary connectedness of all nervous systems, including that of humans, and on demystifying how the brain works, using both reductionist and systems-level approaches.

BIOL 2800 Introduction to Molecular Biology

CREDIT HOURS 2.0

PREREQUISITES BIOL 1104 and BIOL 1104L or BIOL 1104K; or BIOL 1108 and BIOL 1108L or BIOL 1108K; or BIOL 2108 and BIOL 2108L or BIOL 2108K with grade of C or higher

DESCRIPTION Introduction to understanding DNA structure and replication, transcription, and translation, and the regulation of these processes with an emphasis on improving students' critical thinking and problem solving skills.

BIOL 3020 Introduction to Marine Biology

CREDIT HOURS 3.0

PREREQUISITES BIOL 1104K, BIOL 1108K, or BIOL 2108K with grade of C or higher

DESCRIPTION A comprehensive overview of the marine environment and the characteristics of marine organisms and their distinctive communities, such as coral reefs, kelp forests, seagrass beds, and the deep ocean.

BIOL 3021 Infectious Disease and Society

CREDIT HOURS 3.0

PREREQUISITES BIOL 1104K or BIOL 2108K with grade of C or higher

DESCRIPTION A consideration of the role played by infectious diseases in shaping civilization and society. The focus will be on HIV/AIDS, but sexually transmitted infections such as syphilis, gonorrhea, genital herpes, and genital warts will be discussed as well. HIV/AIDS will also be compared with other infectious diseases of historical importance including the Black Death, leprosy, smallpox, tuberculosis, influenza, and poliomyelitis.

BIOL 3240 Applied Medical Physiology

CREDIT HOURS 3.0

PREREQUISITES BIOL 1104K, BIOL 1108K, or BIOL 2108K, and CHEM 1212K with grades of C or higher, or consent of instructor

DESCRIPTION Three lecture hours a week. Integrative physiology of major organ systems, with emphasis on homeostatic mechanisms in health and disease.

BIOL 3250 Human Physiology Laboratory

CREDIT HOURS 1.0

PREREQUISITES BIOL 3240 with grade of C or higher, or concurrently

DESCRIPTION Three laboratory hours a week. Exercises dealing with the physiology of the major organ systems.

BIOL 3430 Biotechnology

CREDIT HOURS 3.0

PREREQUISITES BIOL 2108K and CHEM 1212K with grades of C or higher

DESCRIPTION Three lecture hours a week. Fundamental principles of biotechnology. Topics include genetic engineering of bacteria, plants and animals; molecular and cellular cloning; the human genome project; forensics and DNA typing; cloning of organisms; and gene therapy. Bioethical implications are also considered.

BIOL 3440 Fundamentals of Evolution

CREDIT HOURS 3.0

PREREQUISITES BIOL 2108K with grade of C or higher

DESCRIPTION Three lecture hours a week. Mechanisms of evolution, from the molecular to the population level. Topics include population genetics, adaptation, natural selection, speciation, systematics, coevolution, history of life, the geological record, and evolution of humans. This course is also recommended for middle and high school biology teachers.

BIOL 3690 Honors Reading

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and readings on selected topics.

BIOL 3800 Molecular Cell Biology

CREDIT HOURS 3.0

PREREQUISITES BIOL 2108K or BIOL 2800; and CHEM 1212K with grades of C or higher

DESCRIPTION Three lecture hours a week. A survey of biochemistry, molecular genetics, and cell biology including cell structure and chemistry, macromolecular structure and synthesis, protein trafficking, cell motility, signaling, and division. Students may only complete this course twice.

BIOL 3810 Molecular Cell Biology Laboratory-CTW

CREDIT HOURS 3.0

PREREQUISITES BIOL 3800 with grade of C or higher, or concurrently

DESCRIPTION Experiments demonstrating techniques and concepts in molecular cell biology with an emphasis on learning critical thinking through writing. Students may only complete this course twice. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all biology majors.

BIOL 3820 Plant Biology

CREDIT HOURS 3.0

PREREQUISITES BIOL 2108K and BIOL 3800 (or concurrently) with grades of C or higher, or equivalents

DESCRIPTION Three lecture hours a week. Dynamic aspects of plant function, structure, and growth.

BIOL 3840 Animal Biology

CREDIT HOURS 3.0

PREREQUISITES BIOL 2108K and BIOL 3800 (or concurrently) with grades of C or higher, or equivalents

DESCRIPTION Three lecture hours a week. Comparative analysis of the behavior, physiology, anatomy, phylogeny, evolution, and ecology of animals.

BIOL 3850 Animal Biology Laboratory

CREDIT HOURS 1.0

PREREQUISITES BIOL 3810 and BIOL 3840 with grades of C or higher, or equivalents

DESCRIPTION BIOL 3840 may be taken concurrently. Three laboratory hours a week. Comparative structure and function of representative animal types.

BIOL 3880 Microbiology

CREDIT HOURS 3.0

PREREQUISITES BIOL 2108K and BIOL 3800 with grades of C or higher, or equivalents

DESCRIPTION Three lecture hours a week. Functional anatomy, metabolism, cultivation, growth, and control of microorganisms with emphasis on the prokaryotes; relationships of these organisms to their environment.

BIOL 3890 Microbiology Laboratory

CREDIT HOURS 1.0

PREREQUISITES BIOL 3810 and BIOL 3880 with grades of C or higher, or equivalents

DESCRIPTION BIOL 3880 may be taken concurrently. Three laboratory hours a week. Techniques of cultivation, quantitation, isolation, and identification of microorganisms with emphasis on bacteria; effects of physical and chemical reagents.

BIOL 3900 Genetics

CREDIT HOURS 3.0

PREREQUISITES BIOL 2108K and BIOL 3800 with grades of C or higher or equivalent course work

DESCRIPTION CHEM 2400 recommended. Three lecture hours a week. Introduction to classical and molecular genetics including Mendelian genetics, gene mapping, and molecular biology.

BIOL 3910 Genetics Laboratory

CREDIT HOURS 1.0

PREREQUISITES BIOL 3810 and BIOL 3900 or equivalents with grades of C or higher

DESCRIPTION Experiments demonstrating concepts in genetics. Three laboratory hours a week. BIOL 3900 may be taken concurrently.

BIOL 3990 Independent Readings

CREDIT HOURS 2.0

PREREQUISITES BIOL 3800 with grade of C or higher, and consent of instructor

DESCRIPTION Students will read and review primary literature in the field of biology. Students will discuss the readings with the instructor and/or write papers. Topics may vary. Course may be repeated for credit a maximum of two times.

BIOL 4010 Mathematical Biology

CREDIT HOURS 3.0

PREREQUISITES MATH 1220, MATH 2202, or MATH 2212 with a C or higher

DESCRIPTION (Same as MATH 4010.) This course provides an introduction to the use of continuous and discrete differential equations in the biological sciences. Biological topics will include single species and interacting population dynamics, modeling infectious and dynamic diseases, regulation of cell function, molecular interactions and receptor-ligand binding, biological oscillators, and an introduction to biological pattern formation. There will also be discussions of current topics of interest such as Tumor Growth and Angiogenesis, HIV and AIDS, and Control of the Mitotic Clock. Mathematical tools such as phase portraits, bifurcation diagrams, perturbation theory, and parameter estimation techniques that are necessary to analyze and interpret biological models will also be covered.

BIOL 4011 Principles of Paleontology

CREDIT HOURS 4.0

PREREQUISITES GEOL 1122K with grade of C or higher, or consent of instructor

DESCRIPTION (Same as GEOL 4011.) Three lecture and three laboratory hours a week. An introduction to the principles of paleontology including taphonomy, taxonomy, evolution, and extinction by examination of the fossil record. Study of commonly preserved organisms and their use in paleoecology, paleoenvironmental reconstruction, biostratigraphic correlation, and conservation paleobiology will be stressed as well. This course may include a Signature Experience component.

BIOL 4014K Invertebrate Biology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3840 and BIOL 3850 with grades of C or higher, or equivalent course work

DESCRIPTION Three lecture and three laboratory hours a week. Structure, function, distribution, and taxonomic relationships of invertebrate animals.

BIOL 4015K Vertebrate Biology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3840 and BIOL 3850 with grades of C or higher, or equivalent course work, or consent of instructor

DESCRIPTION Three lecture and three laboratory hours a week. Diversity, taxonomy, structure, function, distribution, and ecology of living and extinct vertebrates.

BIOL 4030 Computational Neuroscience

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000 or BIOL 4102, and MATH 2201 with a C or higher

DESCRIPTION A project-based course focused on building and testing computational models of neurons, networks, and neural circuits that mediate animal behavior.

BIOL 4040 Neuroethology

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000 or BIOL 4102, or equivalent, with a grade of C or higher

DESCRIPTION (Same as NEUR 4040). Four lecture hours per week. The neural basis of behavior from an ethological perspective. The course will cover discoveries, techniques, and concepts underlying neuroethological research. Developmental, evolutionary, and comparative approaches are emphasized. 4.00 credit hours.

BIOL 4045K General Ecology-CTW

CREDIT HOURS 4.0

PREREQUISITES BIOL 3840 with a grade of C or higher, or equivalent course

DESCRIPTION BIOL 3820 recommended. Three lecture and two laboratory hours per week. Principles governing distribution and abundance of organisms and their interactions. Experiments, data collection and analysis of ecological processes with an emphasis on critical thinking through writing. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all biology majors.

BIOL 4050K The Natural Environment of Georgia

CREDIT HOURS 4.0

PREREQUISITES BIOL 1104K or BIOL 2108K with grade of C or higher, and GEOG 1113 or equivalent, or consent of instructor

DESCRIPTION (Same as GEOG 4050.) Three lecture hours a week with a one day weekend lab every other weekend. Georgia is a state with great a diversity of natural communities, in large part because of the many different landscapes present in the state. Through readings, discussions, tests, field outings, projects and in-class exercises, students will become familiar with the principles involved in the structure and function of Georgia's dwindling, but diverse, ecosystems. There will be an emphasis on plant communities and the physical environment, but animal communities and landscape management strategies will also be covered. Locations, diversity, and plant indicator species (especially trees) will be examined in the classroom and in the field, and experiential learning is emphasized. This course may include a Signature Experience component.

BIOL 4070 Sensory Neuroscience

CREDIT HOURS 3.0

PREREQUISITES NEUR 3000 or BIOL 4102, or PSYC 4110 with a grade of C or higher

DESCRIPTION The course will cover the neural basis of sensation and perception, from neural coding in the sense organs to central representation leading to perception. The neurobiology of vision, audition, somatosensation (touch and pain), and chemosensation (taste and smell) will be covered.

BIOL 4074 Developmental Biology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3840 and BIOL 3900 with grades of C or higher

DESCRIPTION Four lecture hours a week. Introduction to developmental biology emphasizing cellular, genetic, and molecular aspects and mechanisms of development.

BIOL 4080 Clinical Neuroscience

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000 or BIOL 4102 with a grade of C or higher

DESCRIPTION This course will examine the neurobiological basis of mental disorders such as depression and schizophrenia as well as the neurodegenerative conditions of Parkinsonâ⊠⊠s and Alzheimerâ⊠⊠s Diseases. Additional topics include psychoneuroimmunology, stress and coping, the role of genetics and epigenetics in neurological and neuropsychiatric disorders, and the role of gut microbes in health and disease.

BIOL 4094 Developmental Neurobiology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3800 with grade of C or higher, or equivalent

DESCRIPTION Four lecture hours per week. Introduction to the development of the nervous system. Covers the field of developmental neurobiology from neural induction to the modification of neuronal connections in the adult nervous system and uses a variety of model organisms to demonstrate the rules by which nervous systems develop.

BIOL 4100 Cellular and Molecular Neuroscience

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000 or BIOL 3800 with a grade of C or higher

DESCRIPTION Advanced exploration of cellular and molecular function in neurons and glia. Topics include excitable membranes and cells, ion channels and receptors, synaptic transmission and plasticity, neural development, and molecular bases of neurological diseases.

BIOL 4102 Neurobiology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3800 and BIOL 3840 with grades of C or higher, or equivalent

DESCRIPTION Comprehensive basis for understanding brain research, major discoveries in neuroscience, and the methods employed for those achievements. Topics include the neural basis of learning and memory, sensory perception, motor control, neurological diseases, drug action, and behavior.

BIOL 4104 Zoo Biology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3840 with grade of C or higher, or equivalent

DESCRIPTION Four lecture hours a week. Historical background as well as current issues and developments in zoos. Topics include conservation, SSPs (Species Survival Plans), behavioral enrichment, studbook management, and planning/economics of major exhibits. Course instruction will be on-site at Zoo Atlanta. Students will work directly with animal curators and keepers. This course may include a Signature Experience component.

BIOL 4115 Medical Neuroanatomy

CREDIT HOURS 4.0

PREREQUISITES BIOL 3840 with grade of C or higher, or equivalent

DESCRIPTION Four lecture hours per week. Human brain and spinal cord functional neuroanatomy and associated pathologies.

BIOL 4200 Neuroscience of Memory

CREDIT HOURS 3.0

PREREQUISITES NEUR 3000 or BIOL 4102 with a C or higher

DESCRIPTION An introduction to the neural bases of memory. The course begins with a review of the historical background, experimental methods, and relevant principles of neuroscience. The neuroscience of memory will then be reviewed at different levels of biological organization, including molecular/cellular, neural circuit, neural system, and behavioral.

BIOL 4210 Neuroscience of Motivation and Emotion

CREDIT HOURS 3.0

PREREQUISITES NEUR 3000 or BIOL 4102 with a C or higher

DESCRIPTION An examination of how the nervous system generates motivation and emotional states in diverse species, including humans. Topics include neural mechanisms of thirst and hunger, defense and fear, and social behavior, as well as disorders of emotion and motivation.

BIOL 4240 Endocrinology

CREDIT HOURS 4.0

PREREQUISITES CHEM 2410 or CHEM 3410 with a C or higher, or equivalent course work; CHEM 4600 is recommended

DESCRIPTION Four lecture hours a week. Basic biochemistry and physiology of the endocrine system, including synthesis and secretion of steroid and protein hormones, mechanisms of hormone action, and endocrinology of reproduction.

BIOL 4241 Hormones and Behavior

CREDIT HOURS 4.0

PREREQUISITES BIOL 3840 with grade of C or higher, or equivalent

DESCRIPTION (Same as PSYC 4630.) Four lecture hours per week. Interaction of nervous and endocrine systems in the control of animal behavior, including humans, with emphasis on the mechanisms that adapt behavior to the changing physical and social environments.

BIOL 4246 Advanced Human Physiology

CREDIT HOURS 4.0

PREREQUISITES BIOL 2240 or BIOL 3240, and BIOL 3800 with grades of C or higher, or equivalents

DESCRIPTION The circulatory, respiratory, gastrointestinal, and renal physiological systems will be emphasized.

BIOL 4248 Cell Physiology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3840, BIOL 3880, BIOL 3900; and CHEM 2410 or CHEM 3410 with a C or higher, or equivalent

DESCRIPTION CHEM 4600 is recommended. Four lecture hours a week. Mechanisms of cell and organelle function at the molecular level.

BIOL 4250 Cell Cycle and Cancer

CREDIT HOURS 4.0

PREREQUISITES BIOL 3800 with a C or better

DESCRIPTION This course discusses the cell cycle and how misregulation of this well orchestrated process results in cancer. Strong emphasis will be placed on stimulating critical thinking and developing scientific writing skills to effectively comprehend and communicate scientific knowledge in the field of cell cycle and cancer.

BIOL 4278 Immunology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3880 and BIOL 3900 with grades of C or higher, or equivalent course work

DESCRIPTION Four lecture hours a week. Principles of immunobiology with emphasis on humoral and cellular immunity, immunochemical methods for detection, quantitation and study of humoral antibodies and immune cells.

BIOL 4280 Immunology of Infectious Diseases

CREDIT HOURS 4.0

PREREQUISITES BIOL 3880 and BIOL 3900 with grades of C or higher, or equivalent course work

DESCRIPTION Four lecture hours a week. Principles of immunobiology focusing on human innate and adaptive immune responses and mechanisms that coordinate these responses to protect from infection. Over-reactions of the immune system and principles underlying efficacy of vaccines for infectious diseases. Analysis of research articles to explore recent advances in immunology research with an emphasis on critical thinking.

BIOL 4282 Tumor Immunology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3800 with grade of C or higher

DESCRIPTION This course discusses the molecular basis of tumorigenesis and the interactions between the immune system and tumors/cancer cells. Topics covered include: basic tumorigenesis of common solid tumors, basic immunology, tumor antigen expression, types of immune responses to tumors, mechanisms by which tumors escape/suppress the immune response and novel approaches for immunotherapy of advanced cancers.

BIOL 4284 Medical Biochemistry in Health and Disease

CREDIT HOURS 4.0

PREREQUISITES CHEM 4600 with a C or better

DESCRIPTION Overview of principles of biochemistry and metabolism at both the cellular and whole body level under normal physiological conditions in maintaining physical and mental health and in various disease states. These include exercising, starvation, trauma, infection, pregnancy, aging-related mental illness, obesity, diabetes, cardiovascular diseases and cancer. Four hours a week. Crosslisted with BIOL 6284.

BIOL 4340 Neurophysics

CREDIT HOURS 3.0

DESCRIPTION Course provides fundamental findings of physics of neuronal systems. The course covers such topics as introduction to biomechanics, membranes, transport, electroosmotic effects, ion pumping, cellular homeostasis, the Hodgkin-Huxley formalism, energetics of spiking, neural coding, and dynamics of neurons and neuronal networks. It also covers methods of recording of neuronal activity.

BIOL 4428 Medical Microbiology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3880 with grade of C or higher, or equivalent course work

DESCRIPTION Four lecture hours per week. An overview of significant human and animal pathogens, including aspects of bacterial, viral, protozoan, and helminthic infections and pathogenesis. Pathogen characteristics and features, epidemiology, immunity, and treatment.

BIOL 4430 Microbial Diversity/Systematics

CREDIT HOURS 4.0

PREREQUISITES BIOL 3880 with grade of C or higher

DESCRIPTION Four lecture hours per week. Principles of microbial diversity with emphasis on the phylogeny, metabolism, interactions of microorganisms with the environment and molecular mechanisms generating diversity and the impact on modern methods of bioprospecting.

BIOL 4438 Applied Microbiology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3880 with grade of C or higher, or equivalent course work

DESCRIPTION Four lecture hours a week. Microbiology of industrial processes, including quality control, fermentations, biotransformations, strain selection, and maintenance.

BIOL 4451 Aquatic Pollution and Toxicology

CREDIT HOURS 4.0

PREREQUISITES BIOL 2108K and CHEM 1212K with grades of C or higher, or equivalent

DESCRIPTION CHEM 2400 recommended. Four lecture hours per week. Comprehensive introduction to water pollution (including relevant methods and techniques) and its relationship to public health.

BIOL 4458 Microbial Ecology and Metabolism

CREDIT HOURS 4.0

PREREQUISITES BIOL 3880 and CHEM 2400 with grades of C or higher, or equivalent course work

DESCRIPTION Four lecture hours a week. Microbial communities and the interrelationships of microorganisms and environment. Particular emphasis on metabolic activities and their measurement and applications to environmental problems (bioremediation).

BIOL 4460 Parasitology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3800 with grade of C or higher or consent of instructor

DESCRIPTION A survey of the important parasites of humans and domestic animals. Emphasis will be placed on medically important parasitic protozoa, helminthes, and arthropods; clinical effects of infection, epidemiology, methods for detection and identification as well as global impact of parasitic diseases in today's world.

BIOL 4480 Principles of Toxicology

CREDIT HOURS 4.0

PREREQUISITES BIOL 1104K, BIOL 1108K, or BIOL 2108K with grade of C or higher, or equivalent course work

DESCRIPTION CHEM 4600 is recommended. Four lecture hours a week. Studies of the absorption, distribution, and excretion of toxicants, their detoxification and bioactivation, and their adverse effects.

BIOL 4484 Laboratory Techniques in Applied and Environmental Microbiology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3880, BIOL 3890, or equivalent course work; BIOL 4438 and BIOL 4458 , with grades of C or higher

DESCRIPTION One lecture and six laboratory hours a week. Techniques and procedures for isolation, characterization, and identification of microorganisms of practical significance; model ecosystems and biofilms; sampling and enumeration of microorganisms; metabolism; and analysis of microbial growth.

BIOL 4500 Human Genetics

CREDIT HOURS 4.0

PREREQUISITES BIOL 3900 with grade of C or higher, or equivalent

DESCRIPTION Four lecture hours a week. Principles of human heredity, with emphasis on the molecular basis of heredity, detection and treatment of genetic diseases, and genetic counseling.

BIOL 4545 Bioethics and Biotechnology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3900 with a C or higher, or equivalent

DESCRIPTION Four lecture hours a week. Ethical issues raised by recent advances in biotechnology, genomics, and other areas of molecular genetics and cell biology. Specific topics include: eugenics; molecular, cellular and organismal cloning; personalized medicine; stem cell research; the genetics of behavior; and the role of epigenetics in the nature vs. nurture debate.

BIOL 4564 Advanced Genetics

CREDIT HOURS 4.0

PREREQUISITES BIOL 3900 with grade of C or higher

DESCRIPTION Four lecture hours a week. Advanced topics and techniques in prokaryotic and eukaryotic genetic systems, including gene mapping, molecular techniques, regulation of gene expression, genomics, and population genetics.

BIOL 4565 General Oncology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3900 with grade of C or higher

DESCRIPTION Four lecture hours a week. Etiology, pathology, mechanisms of metastasis and treatment of cancer. Students will also analyze current primary literature in the field.

BIOL 4575 Virology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3880 and BIOL 3900 with grades of C or higher, or equivalent course work

DESCRIPTION Four lecture hours per week. Introduction to viruses, including structure and replication of viruses; virus isolation and classification; pathogenesis and epidemiology of virus disease.

BIOL 4576 Neurovirology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3800 with grade of C or higher

DESCRIPTION Following an introduction to basic neuroanatomy and neuroimmunology, individual lectures will focus on the diagnosis, treatment, and pathogenesis of several neurologic diseases of virus origin. These include encephalitis, meningitis, chronic inflammatory and demyelinating diseases, HIV/AIDS-associated dementia, peripheral neuropathies, retinitis, and transmissible spongiform encephalopathies caused by prions. The concept of virus latency within the nervous system will be emphasized, as will the possible contributions of viruses or prions toward the onset of Alzheimer's disease.

BIOL 4580 Microbial Pathogenesis

CREDIT HOURS 4.0

PREREQUISITES BIOL 3880 and BIOL 3900 with grades of C or higher, or equivalent course work

DESCRIPTION Four lecture hours a week. This course integrates material from pathogenic microbiology, molecular biology and immunology into an overview of bacterium-host interactions including bacterial attributes, virulence factors, and several paradigms of bacterial-host interactions focusing on molecular and genetic approaches.

BIOL 4630 Enzymology

CREDIT HOURS 3.0

PREREQUISITES One year of CHEM 2410 or CHEM 3410 and one semester of CHEM 4600 with a C or higher, or equivalent

DESCRIPTION (Same as CHEM 4630.) Introduction to enzyme catalysis, with emphasis on the general concepts of enzyme kinetics and the common tools for studying enzymes.

BIOL 4640 Fundamentals of Bioinformatics

CREDIT HOURS 4.0

PREREQUISITES BIOL 3800 with grade of C or higher, or equivalent, or written approval of instructor

DESCRIPTION (Same as CHEM 4640 and CSC 4640.) Four lecture hours per week. A "hands-on" approach to bioinformatics using PCs, the internet, and computer graphics to analyze, correlate, and extract information from biological databases, emphasizing sequence and structure databases for proteins and nucleic acids, and introducing the computer skills necessary for bioinformatics. Topics include: sequences and three-dimensional structures of proteins and nucleic acids, the major databases, algorithms for sequence comparison, data mining, and prediction of structure and function.

BIOL 4648 Biogeography

CREDIT HOURS 4.0

PREREQUISITES GEOG 1112, BIOL 1104K, or BIOL 2108K with grades of B or higher, or consent of instructor

DESCRIPTION (Same as GEOG 4648.) Spatial variations, processes, and environmental constraints influencing the distribution of life.

BIOL 4670 Principles and Techniques of Practical Biochemistry

CREDIT HOURS 3.0

PREREQUISITES One semester of biochemistry (CHEM 4600/6600) with grade of B or higher, or equivalents

DESCRIPTION (Same as CHEM 4670). A comprehensive and integrated review of principles and modern techniques found in day-to-day biochemical research laboratories. Topics include, but are not limited to: general principles of biochemical investigations, molecular biology and basic techniques, molecular cloning and gene analysis, protein structure, purification and characterization, biomolecular interactions, basic enzyme analysis, spectroscopic techniques, mass spectrometric techniques, centrifugation, electrophoretic, chromatographic, radioisotope and electrochemical techniques.

BIOL 4680 Microscopy and Imaging

CREDIT HOURS 4.0

PREREQUISITES BIOL 3800 and PHYS 1112K or PHYS 2212K with grades of C or higher, or equivalent

DESCRIPTION Four lecture hours per week. An introduction to the theory of microscopy and various types of microscopes and their applications to biological research. Topics include: microscopes, basic specimen preparation, and staining techniques.

BIOL 4685 Functional Histology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3800 and BIOL 3240 with grades of C or higher, or equivalent

DESCRIPTION Four lecture hours per week. Topics include preparation and basic staining of tissues, special stains, identification of tissue features and classification. The course will correlate tissue form and function by incorporating concepts of cell, tissue, and organ physiology.

BIOL 4686 Pathophysiology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3800 and BIOL 3240 with grades of C or higher or equivalent, or consent of instructor

DESCRIPTION Clinical case studies will be used to teach the principles and processes behind adult and childhood diseases. Students will learn basic diagnostic skills in hematology and blood chemistry, histopathology, ECG, spirometry, radiology, and urology.

BIOL 4687 Surgical Anatomy

CREDIT HOURS 4.0

PREREQUISITES BIOL 3240 or consent of instructor

DESCRIPTION Detailed examination of human anatomy via dissections and radiology. Cross-listed with BIOL 6687. This course may include a Signature Experience component.

BIOL 4694 Biosafety: Principles and Practice

CREDIT HOURS 4.0

PREREQUISITES BIOL 3800 with grade of C or higher, or equivalent, or consent of instructor

DESCRIPTION Four lecture hours per week. The discussion of pathogenic agents and their associated occupational and public health risks. Topics include emerging biosafety issues such as bioterrorism, human gene therapy, and federal and state regulations guiding use of pathogenic organisms.

BIOL 4696 Laboratory in Molecular Biological Techniques

CREDIT HOURS 4.0

PREREQUISITES BIOL 3900 with a grade of C or higher

DESCRIPTION CHEM 4600 recommended. One lecture and six laboratory hours a week. Isolation and characterization of nucleic acids and proteins. Topics include molecular cloning, isolation, characterization and sequence analysis of chromosomal and plasmid DNA, PCR mediated gene amplification, and protein purification.

BIOL 4740 Biomedical Ethics

CREDIT HOURS 3.0

PREREQUISITES one 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Major moral problems in science and medicine, including abortion, death and euthanasia, treatment of the mentally ill, experimentation with human subjects, and genetic research.

BIOL 4744 Biostatistics

CREDIT HOURS 3.0

PREREQUISITES MATH 2202 or MATH 2211; and BIOL 2108K with a C or higher; or equivalents

DESCRIPTION (Same as MATH 4544.) Three lecture hours a week. Principles and methods of statistics as applied to biology and medicine.

BIOL 4800 Principles of Cellular Biology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3800, BIOL 3900, and CHEM 1211K with grades of C or higher, or consent of instructor

DESCRIPTION Four lecture hours a week. Survey of cellular components and processes in different cell types as they relate to the function of the cell. Includes signal transduction, photoreceptors, neurons, muscle, blood cells, cells of the immune system, and cell biology of infection.

BIOL 4870 Honors Thesis: Research

CREDIT HOURS 3.0 - 6.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

BIOL 4880 Honors Thesis: Writing

CREDIT HOURS 3.0

PREREQUISITES BIOL 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

BIOL 4900 Directed Laboratory Study

CREDIT HOURS 2.0

COREQUISITES BIOL 4910 or equivalent

DESCRIPTION One lecture hour and one discussion hour per week. Student learning of experimental strategies and procedures through laboratory group meetings and individual discussion with faculty laboratory director.

BIOL 4905 Theme-Based Biology Laboratory

CREDIT HOURS 2.0 - 4.0

PREREQUISITES BIOL 3810 with grade of C or higher

DESCRIPTION Students will work in small groups to develop specific biological hypotheses, design and carry out experiments to test these hypotheses, and analyze the results they obtain. May be repeated for credit if topic is different. This course may include a Signature Experience component.

BIOL 4910 Undergraduate Research in Biology

CREDIT HOURS 1.0 - 5.0

PREREQUISITES at least 20 hours in biology and consent of instructor

DESCRIPTION Independent laboratory investigation of common interest to student and instructor. May be repeated once. This course may include a Signature Experience component.

BIOL 4913 Georgia Aquarium Internship I

CREDIT HOURS 2.0

PREREQUISITES BIOL 3020 with grade of B or higher, or consent of instructor

DESCRIPTION Students will participate in the education programs at the Georgia Aquarium one morning a week for about three hours, depending on Aquarium requirements, and under the supervision of Aquarium staff. The primary goal is to train interns to be able to deliver education programs at the Georgia Aquarium. This course may include a Signature Experience component.

BIOL 4914 Georgia Aquarium Internship II

CREDIT HOURS 2.0

PREREQUISITES BIOL 4913 with grade of S and consent of instructor

DESCRIPTION This is the second part of the Georgia Aquarium internship program. Students will participate in the education programs at the Georgia Aquarium one morning a week for about three hours, depending on Aquarium requirements, and under the supervision of Aquarium staff. The interns will deliver education programs to visiting student groups and train interns in first part of the Intern program (BIOL 4913 or BIOL 6913). This course may include a Signature Experience component.

BIOL 4915 Collaborative Internships in Biology

CREDIT HOURS 2.0

PREREQUISITES consent of instructor

DESCRIPTION Students engage in off-campus internship training arranged through collaboration with biology faculty members. May be taken for credit a maximum of two times. This course may include a Signature Experience component.

BIOL 4916 Internships in Biology

CREDIT HOURS 2.0

PREREQUISITES consent of instructor

DESCRIPTION Students receive hands-on experience in activities that require knowledge and skills related to the field of biology. Specific topics available each semester will vary. May be taken for credit a maximum of two times. This course may include a Signature Experience component.

BIOL 4930 Topics in Biology

CREDIT HOURS 3.0 - 4.0

PREREQUISITES consent of instructor

DESCRIPTION Three or four lecture hours a week. Detailed examination of a selected area in biological sciences. May be repeated for credit if topic is different.

BIOL 4960 Biology Careers Seminar

CREDIT HOURS 1.0

PREREQUISITES BIOL 2108K or BIOL 2800 with grade of C or higher

DESCRIPTION Speakers from different biology-related fields will discuss their jobs from the perspective of helping Biology majors with their career planning. Topics will include graduate training at GSU, health and teaching-related careers, other biology-related careers, and job search strategies. (May be repeated for credit a maximum of two times.

BIOL 4970 Biology Seminar

CREDIT HOURS 1.0

PREREQUISITES at least 20 hours in biology

DESCRIPTION Current research topics in biology. May be repeated for credit a maximum of two times.

BIOL 4980 Senior Seminar-CTW

CREDIT HOURS 3.0

PREREQUISITES BIOL 3810, BIOL 3880, and BIOL 3900 with grades of C or higher

DESCRIPTION Critical analysis of research in biology using primary literature and seminars in biology. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all biology majors. This course may include a Signature Experience component.

BIOL 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements. This course may include a Signature Experience component.

BRFV BIRTH THROUGH FIVE

BRFV 3200 Introduction to Administration and Organization of Programs for Young Children

CREDIT HOURS 3.0

PREREQUISITES EDUC 2300 with a grade of "C" or higher

DESCRIPTION Teacher candidates will develop knowledge and skills in planning, implementation, and maintenance of an effective early childhood program. Laws, rules, regulations, accreditation and program evaluation will be addressed. Managing a facility, financial resources, and personnel will be emphasized. Program administrator competencies of national accrediting agencies will be addressed.

BRFV 3250 Professional and Ethical Practice-CTW

CREDIT HOURS 3.0

DESCRIPTION Teacher candidates will develop knowledge, skills, and dispositions that will enable them to work as professionals in a variety of settings with children from birth through five years of age and their caregivers. Teacher candidates will become familiar with organizations and publications relevant to the fields of early childhood education and early childhood/special education and will learn to adhere to codes of ethical behavior for those fields. Topics include professional qualifications, professionalism, advocacy, and team process models. This course is a Critical Thinking Through Writing (CTW) course.

BRFV 4360 Child Guidance Birth to Five

CREDIT HOURS 3.0

PREREQUISITES EDUC 2300 with a grade of "C" or higher

DESCRIPTION This course focuses on positive child guidance strategies to support the development of self-control, self-motivation, and self-esteem of young children. Guidance practices that foster and motivate children's learning in individual and group settings will be reviewed. The theoretical foundations of current guidance approaches will be examined.

BRFV 4370 Language, Literacy, and Cognition-CTW

CREDIT HOURS 3.0

PREREQUISITES EDUC 2300 with a grade of "C" or higher or ECE 3021 with a grade of "C" or higher

DESCRIPTION Teacher candidates will develop knowledge about the inter-relatedness of cognition, language, and literacy such that they gain a strong pedagogical foundation in literacy and language development with an emphasis on the practical application of course topics to implement developmentally appropriate practices and experiences. Topics include pre-linguistic development, components of language, relationships between oral and written language, early literacy development, individual differences, and cultural and linguistic variations in language including bilingualism and biliteracy. This course is a Critical Thinking Through Writing (CTW) course. This course may include a Signature Experience component.

BRFV 4380 Methods for Infants and Toddlers

CREDIT HOURS 4.0

PREREQUISITES EDUC 2300 with a grade of "C" or higher

COREQUISITES EXC 4520

DESCRIPTION Teacher candidates will develop knowledge and skills in planning and implementing developmentally appropriate activities in a flexible and supportive learning environment for children birth through 36 months of age. Teacher candidates will use instructional methods and materials based on knowledge of child, family, community, and curricular goals. Topics include application of brain and attachment research, how infants learn, and how caregivers can use routines to provide individual, respectful, and responsive care to support optimum social/emotional, cognitive, and physical development of children, birth to age 18 months; promoting the development of toddlers' sense of self, building teaching relationships with toddlers, socialization and guidance in toddler years, facilitation of language development, toilet learning. DECAL standards for 0-3 will be explored. (Includes field experience).

BRFV 4390 Reading/Literacy, Social Studies and the Arts: Methods for Young Children

CREDIT HOURS 4.0

PREREQUISITES EDUC 2300 with a grade of "C" or higher

COREQUISITES EXC 4530

DESCRIPTION Teacher candidates will learn to plan, teach and assess developmentally appropriate individual and group activities for children in preschool, Pre-K and Kindergarten. Topics and activities will include the curriculum areas of early literacy, including reading, writing, expressive language, phonological awareness and childrenâ⊠⊠s literature. Additional topics include social studies and strategies to promote social and emotional development. Curriculum planning will emphasize integration of the arts, including music and movement, the visual arts, and dramatic play. DECAL and GA DOE standards will be explored (Includes field experience).

BRFV 4400 Family and Community Relationships

CREDIT HOURS 3.0

PREREQUISITES EDUC 2152 with a grade of "C" or higher or ECE 3021 with a grade of "C" or higher

DESCRIPTION The structure, function, and process of parenting are explored. An emphasis is placed on understanding characteristics of parents, parenting behavior, parenting styles, and their consequences on children and parent-child relationships. Families' relationships with caregivers, early childhood care and education settings, and communities will also be discussed.

BRFV 4490 Mathematics, Science and Technology: Methods for Young Children

CREDIT HOURS 3.0

PREREQUISITES EDUC 2300 with a grade of "C" or higher

COREQUISITES BRFV 4390 and EXC 4530

DESCRIPTION Teacher candidates will learn to plan, teach and assess developmentally appropriate individual and group activities for children in preschool, Pre-K and Kindergarten. Topics and activities will include the curriculum areas of science, technology, applied principles of engineering, mathematics and other STEM content. Additional topics include critical thinking, executive function, and creative problem solving strategies to promote intellectual development. Curriculum planning will also emphasize integration of the arts (STEAM). DECAL and GA DOE standards will be explored (Includes field experience).

BRFV 4650 Opening School Experience

CREDIT HOURS 0.0

REQUIREMENTS Course is graded as satisfactory/unsatisfactory

DESCRIPTION A minimum grade of "S" is required for this course. Students gain practical experiences in the school and classroom during the weeks of pre-planning. While assisting in the classroom, students learn effective procedures for beginning the school year. This course may include a Signature Experience component.

BRFV 4661 Student Teaching Birth Through Five

CREDIT HOURS 9.0 - 12.0

PREREQUISITES All courses in Birth Through Five BSE Program

DESCRIPTION This course is the culmination of teacher candidates' knowledge gained in previous coursework and allows them to demonstrate self-sufficiency and independence if they are beginning teachers or at high levels of competence if experienced teachers. Teacher candidates will complete the student teaching internship in an early care and education setting for young children or in a preschool/Pre-kindergarten or Kindergarten setting. Opportunity is given for teacher candidates to work with young children with or without special needs. Teacher candidates will demonstrate the knowledge, skills, and dispositions acquired in the program. This course may include a Signature Experience component.

BUSA 1105 Business, Value, and You

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS By permission of instructor only

DESCRIPTION CSP's: None Why does the world need business. Why do some succeed and others fail. What value do non-governmental organizations, not-for-profits, non-profits, and social entrepreneurship add. And what value do you bring â as an employee, manager, professional, or entrepreneur. Find out in this hybrid, hands-on course which introduces students to the basics of business. Students will explore the role of markets in society, how firms operate in a global, market economy, and the environmental forces that affect them. Students will investigate the different functions within the firm and how those functions work in an integrated manner to create value. Students will also enhance their professional image as they hone their elevator pitches, refine their resumes, and polish their social network profiles.

BUSA 2106 The Legal and Ethical Environment of Business

CREDIT HOURS 3.0

PREREQUISITES None

DESCRIPTION The legal environment plays a significant role in facilitating and constraining business activity. To be competitive, American business must understand and strategically use the legal environment to minimize risk and add value to the enterprise. This course provides you with an overview of US statutory, administrative and judicial efforts to regulate business activity in several areas: business entities, corporations and governance, agency and employment law, contract law, tort law, products liability, and the protection of intellectual property. Because strategic responses to competitive pressures may also require managers to make difficult ethical decisions, the course also explores the interrelationship of law, ethics and business.

BUSA 3000 Globalization and Business Practice-CTW

CREDIT HOURS 3.0

PREREQUISITES None

DESCRIPTION This course examines worldwide integration of economic, political, technological, cultural, and social facets to explore the impact of globalization on organizations and individuals worldwide. Students develop an understanding of the macro environment of the global marketplace. They learn how to incorporate their knowledge of global markets through the simultaneous consideration of all business functions. Methodologies of country market assessment are utilized applying critical thinking through writing. The course is the required first CTW course for all majors in the Robinson College of Business. Global Perspectives Course.

BUSA 3090 Survey of Business Principles for Non-Business Students

CREDIT HOURS 3.0

REQUIREMENTS CSP: 1, 2, 6, 7.;

DESCRIPTION Prerequisites; Minimum of a 2.8 GPA and 45 credit hours. It is a survey course that spans many of the business management areas including: marketing, operations, accounting, finance, strategy, ethics and economics. The course is not intended to replace more indepth studies of any of these business disciplines but rather to jump-start such studies for students with little or no background in business. The course is designed for nonbusiness students interested in starting their own entrepreneurial ventures. This course will prepare these students to take additional entrepreneurship courses and to participate in various entrepreneurship activities within the University.

BUSA 3110 Introduction to Business Analytics

CREDIT HOURS 3.0

PREREQUISITES CIS 2010, Junior Standing in RCB

COREQUISITES MK 3010, BCOM 3002

DESCRIPTION CSP's: 1, 2, 6. This course develops students' ability to perform analysis of business decisions problems using modern data analytics methods and statistical models. Students will be able to indentify the type of data that is appropriate for the problem in hand; recognize the sources of relevant data; collect, organize and clean date for analysis; indentify the techniques that are suitable for analyzing the problem; create meaningfuld data visualization; compute various statistical measures; and perform data driven analysis to make inferences and decisions. Students will have hands-on experience on the development of data analytics applications to analyze real world business decisions problems.

BUSA 3400 Women Lead in Business

CREDIT HOURS 3.0

PREREQUISITES None

DESCRIPTION The Women Lead in Business course is a â⊠⊠Signature Experienceâ⊠⊠ course that focuses on three themes: (1) self-awareness and self-efficacy, (2)critical analysis of the economic and social effects of women in the workforce and (3) a leadership development component that will demonstrate how self awareness, interpersonal influence, commitment, goal setting and power are necessary to be effective in the workplace. The course allows students to learn beyond the classroom and to prepare for success and leadership across various sectors of the economy.

BUSA 4110 Practical Business Analytics

CREDIT HOURS 3.0

PREREQUISITES BUSA 3110

DESCRIPTION This course provides a frame of reference for using models in support of decision making in an enterprise, then introduces some of the more commonly useful modeling approaches and principles. Topics covered include modeling 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.

BUSA 4500 Panther Accelerated Consulting Experience

CREDIT HOURS 3.0

DESCRIPTION The Panthers Accelerated Consulting Experience (PACE) is a Signature Experience open to Seniors who have completed their business core and who have a GPA of at least 3.2. Students in teams of 4 or 5 will work with real complanies to consult on real business strategy issues that are important to those companies over the course of a semester.

BUSA 4980 Strategic Management

CREDIT HOURS 3.0

PREREQUISITES BCOM 3950, and BUSA 3000, and Fi I300, and MGS 3100, and MGS 3400, and MK 3010 and completion of four upper-level major courses

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2

DESCRIPTION This is a capstone course in the B.B.A. program and is required of all seniors. The course integrates subject matter from the business core courses and other disciplines. This course focuses on integrated approaches to medium and long-term organizational challenges in a dynamic environment. Students develop skills in, and appreciation of, the role of all managers in the formulation and implementation of organizational strategies. A computer simulation involving teams of students from different functional backgrounds is a major part of the instructional design. Warning: B.B.A. students who violate any of the prerequisites for BUSA 4980 are subject to disenrollment by the college regardless of performance or time lapse and will be allowed a tuition refund in accordance with the university's refund schedule.

BUSA 4990 Comprehensive Exit Exam

CREDIT HOURS 0.0

REQUIREMENTS CSP 1, 2, and 3

DESCRIPTION This non-credit course will administers the RCB exit exam for Undergraduate students. The class meets one time for three hours. This course is required for graduation in the semester of graduation for all Robinson College of Business majors. Corerequisite: Enrollment in BUSA 4980. Transient students are not eligible for nor required to take this class.

BCOM 3950 Business Communication and Professional Development

CREDIT HOURS 3.0

PREREQUISITES ENGL 1101 and ENGL 1102

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6, 7

DESCRIPTION This course enables students to develop the communication skills necessary to thrive in a professional setting and to create a personal career management strategy. Upon completing this course, students will be able to transition confidently and effectively from college to the workplace, graduate school or professional school. Students will be able to communicate in a proficient, influential manner in a variety of business situations. They will also learn how to develop and apply successful communication strategies to inform, persuade, and motivate others. Students will be able to write concise business documents and deliver high-quality oral presentations. Through a combination of course and lab work, students will develop the materials necessary to launch a productive self-directed internship and job search. In addition, class members will develop long-term personal career management strategies including an understanding of graduate and professional school options. Topics will include aspects of interpersonal communication, nonverbal communication, interview preparation, resume writing and job search correspondence, as well as the influence of culture, ethics, and technology.

CHEM 1050 Chemistry for Citizens

CREDIT HOURS 3.0

PREREQUISITES High school chemistry recommended

DESCRIPTION Three lecture hours a week. Modern chemical concepts and chemical processes with their impact on a technological society; the background for informed decisions.

CHEM 1101K Introductory Chemistry I

CREDIT HOURS 4.0

DESCRIPTION Three lecture and three laboratory hours a week. First course in a two-semester sequence covering the basic principles and applications of chemistry for non-science majors. Topics to be covered include atomic structure and isotopes, periodicity, and chemical equations. Laboratory exercises supplement the lecture material.

CHEM 1102K Introductory Chemistry II

CREDIT HOURS 4.0

PREREQUISITES CHEM 1101K with grade of D or higher

DESCRIPTION Three lecture and three laboratory hours a week. Second course in a two-semester sequence covering the basic principles and applications of chemistry for non-science majors. Laboratory exercises supplement the lecture material.

CHEM 1151 Survey Of Chemistry I

CREDIT HOURS 3.0

COREQUISITES CHEM 1151L

DESCRIPTION This is the first course in a two course sequence designed for physical education, business, humanities, social science, and allied health (Nursing or Dental Hygiene) majors planning to pursue baccalaureate degrees. Topics to be covered include elements, compounds, measurements, nomenclature, atomic bonding, states of matter, and molecular geometry. Laboratory exercises complement/supplement the lecture material.

CHEM 1151K Survey of Chemistry I

CREDIT HOURS 4.0

DESCRIPTION Three lecture hours a week. First course in a two course sequence designed for physical education, business, humanities, social sciences, and allied health (Nursing or Dental Hygiene) majors planning to pursue baccalaureate degrees. Topics to be covered include elements, compounds, measurements, nomenclature, atomic bonding, states of matter, and molecular geometry. Laboratory exercises compliment/supplement the lecture material.

CHEM 1151L Survey Of Chemistry I Laboratory

CREDIT HOURS 1.0

COREQUISITES CHEM 1151

DESCRIPTION Laboratory based application of topics covered in the lecture.

CHEM 1152 Survey Of Chemistry II

CREDIT HOURS 3.0

PREREQUISITES CHEM 1151 and CHEM 1151L each with a 'C' or higher

COREQUISITES CHEM 1152L

DESCRIPTION Topics include general, organic, and biochemistry.

CHEM 1152K Survey of Chemistry II

CREDIT HOURS 4.0

PREREQUISITES CHEM 1151K or CHEM 1151 and CHEM 1151L with a grade of C or higher

DESCRIPTION Three lecture hours and one laboratory session. Second course in a two course sequence designed for physical education, business, humanities, social sciences, and allied health (Nursing or Dental Hygiene) majors planning to pursue baccalaureate degrees. Topics include general, organic, and biochemistry.

CHEM 1152L Survey of Chemistry II Laboratory

CREDIT HOURS 1.0

COREQUISITES CHEM 1152

DESCRIPTION Laboratory based application of topics covered in the lecture.

CHEM 1201 Chemistry I Concept Development

CREDIT HOURS 1.0

PREREQUISITES concurrent enrollment in CHEM 1211K

DESCRIPTION One lecture hour a week. Elaborates key chemical concepts and illustrates problem-solving techniques for college chemistry for natural science majors. Recommended for students who have completed a standard high school chemistry course. This course does not count toward a degree.

CHEM 1203 Chemistry II Concept Development

CREDIT HOURS 1.0

PREREQUISITES Concurrent enrollment in CHEM 1212K

DESCRIPTION One lecture hour a week. Elaborates key chemical concepts and illustrates problem-solving techniques for college chemistry for natural science majors. This course does not count toward a degree.

CHEM 1211 Principles of Chemistry I

CREDIT HOURS 3.0

PREREQUISITES MATH 1113 or MATH 1112 with a C or higher, or taken concurrently

DESCRIPTION Three lecture hours a week. This is the first course in a two-semester sequence covering the fundamental principles and applications of chemistry for science majors. Topics include composition of matter, chemical reactions, stoichiometry, periodic relations, nomenclature, thermochemistry, electronic structure, chemical bonding, molecular geometry, and properties of gases. Note: MATH 1113 is a prerequisite for CHEM 1212/K.

CHEM 1211K Principles of Chemistry I

CREDIT HOURS 4.0

PREREQUISITES MATH 1111 or higher as prerequisite or corequisite with passing scores on the Chemistry and Mathematics placement tests required

DESCRIPTION MATH 1113/MATH 1112 as a prerequisite or corequisite is strongly advised. Three lecture hours and one laboratory session a week. This is the first course in a two-semester sequence covering the fundamental principles and applications of chemistry for science majors. Topics include composition of matter, chemical reactions, stoichiometry, periodic relations, nomenclature, thermochemistry, electronic structure, chemical bonding, molecular geometry, and properties of gases. Note: MATH 1113 is a prerequisite for CHEM 1212/K/L.

CHEM 1211L Principles of Chemistry I Laboratory

CREDIT HOURS 1.0

COREQUISITES CHEM 1211

DESCRIPTION Laboratory based application of topics covered in the lecture.

CHEM 1212 Principles Of Chemistry II

CREDIT HOURS 3.0

PREREQUISITES CHEM 1211K and MATH 1113, or CHEM 1211, CHEM 1211L, and MATH 1113 each with a 'C' or better

COREQUISITES CHEM 1212L

DESCRIPTION This is the second course in a two-semester sequence covering the fundamental principles and applications of chemistry for science majors. Topics to be covered include properties of solids and liquids, solutions, chemical kinetics, acid/base reactions, oxidation/reduction reactions, chemical equilibrium, thermodynamics, and electrochemistry.

CHEM 1212K Principles of Chemistry II

CREDIT HOURS 4.0

PREREQUISITES CHEM 1211K and MATH 1113, or CHEM 1211, CHEM 1211L, and MATH 1113, each with a C or better

DESCRIPTION Three lecture hours and one laboratory session a week. This is the second course in a two-semester sequence covering the fundamental principles and applications of chemistry for science majors. Topics include composition and properties of solids and liquids, solutions, chemical kinetics, acid/base reactions, oxidation/reduction reactions, chemical equilibrium, thermodynamics, and electrochemistry.

CHEM 1212L Principles of Chemistry II Laboratory

CREDIT HOURS 1.0

COREQUISITES CHEM 1212

DESCRIPTION Laboratory based application of topics covered in the lecture.

CHEM 2100 Intermediate Organic Chemistry Laboratory I

CREDIT HOURS 2.0

COREQUISITES CHEM 2400

DESCRIPTION The equivalent of two laboratory sessions a week. Organic chemistry laboratory to accompany CHEM 2400. This laboratory covers the scope of both 2400L and 2410L. There is emphasis on methods for the preparation, isolation, purification, molecular spectroscopy and characterization of organic compounds, and product analysis. This course is designed for students majoring in science, engineering, pre-medicine, pre-dentistry, and pre-pharmacy.

CHEM 2400 Organic Chemistry I

CREDIT HOURS 3.0

PREREQUISITES CHEM 1212K or CHEM 1212 and CHEM 1212L with a C or better

DESCRIPTION Three lecture hours a week. This is the first of a two-semester sequence of organic chemistry. Topics include IUPAC nomenclature, reactions, methods of preparation and physical and chemical properties of the common classes of carbon compounds, with an emphasis on modern electronic and mechanistic theories. This course is designed for students majoring in science, engineering, pre-medicine, pre-dentistry, and pre-pharmacy.

CHEM 2400L Organic Chemistry I Laboratory

CREDIT HOURS 1.0

COREQUISITES CHEM 2400

DESCRIPTION This is a first semester organic chemistry laboratory to accompany CHEM 2400. There is emphasis on methods for the preparation, isolation, purification, and characterization of organic compounds. This course is designed for students majoring in science, engineering, pre-medicine, pre-dentistry, and pre-pharmacy.

CHEM 2401 Organic Chemistry Problems I

CREDIT HOURS 1.0

COREQUISITES concurrent registration in CHEM 2400

DESCRIPTION One lecture hour per week. An auxiliary course for students taking CHEM 2400. Emphasis is on problem solving in organic chemistry. This course does not count toward graduation.

CHEM 2410 Organic Chemistry II

CREDIT HOURS 3.0

PREREQUISITES CHEM 2400 with a grade of C or higher

DESCRIPTION This is the second in a two-semester sequence of organic chemistry. Topics include an in-depth study of molecular spectroscopy, reaction mechanisms, functional group transformations, and the synthesis of moderately complex molecules by multi-step strategies. This course is designed for students majoring in science, engineering, pre-medicine, pre-dentistry, and pre-pharmacy.

CHEM 2410L Organic Chemistry II Laboratory

CREDIT HOURS 1.0

COREQUISITES CHEM 2410

DESCRIPTION This is a second semester organic chemistry laboratory to accompany CHEM 2410. There is emphasis on organic synthesis and product analysis. This course is designed for students majoring in science, engineering, pre-medicine, pre-dentistry, and pre-pharmacy.

CHEM 2950 Chemical Research

CREDIT HOURS 2.0 - 5.0

PREREQUISITES Prior approval by the supervisor of a proposed plan of study

DESCRIPTION Supervised chemical laboratory research at the lower undergraduate level. Specific topics selected by the student in consultation with the supervisor. This course may include a Signature Experience component.

CHEM 3015 Quantitative Chemical Analysis

CREDIT HOURS 3.0

PREREQUISITES CHEM 1212K or equivalent with grade of C or higher, MATH 2212 or equivalent with grade of C or higher

DESCRIPTION Significant figures and statistics; chemical equilibrium and titration; acid-base systems, metal ion-ligand complexation/chelation, and introduction to Instrumental Analysis. The lab section provides training of manual and semi-automatic methods of data collection and chemical analysis. 3.000 Credit hours.

CHEM 3100 Organic Chemistry Laboratory I

CREDIT HOURS 2.0

COREQUISITES CHEM 2400

DESCRIPTION One lecture and 3.5 laboratory hours a week. Modern quantitative and physical laboratory methods applied to the synthesis, separation, purification, identification, and the physical and chemical properties of organic compounds.

CHEM 3110 Intermediate Organic Chemistry Laboratory II

CREDIT HOURS 2.0

PREREQUISITES CHEM 2100 or CHEM 3100 with a C or better

DESCRIPTION The equivalent of two laboratory sessions 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 3400 Structure and Reactivity of Biomolecules

CREDIT HOURS 3.0

PREREQUISITES CHEM 2410 with a C or better

DESCRIPTION Three lecture hours a week. This is an intermediate lecture in organic chemistry. There is emphasis on an in-depth study of reaction mechanisms, functional group transformations, and the synthesis of moderately complex molecules by multi-step strategies, including carbonyl chemistry. Includes mechanistic biochemical concepts including amino acids, peptides, and carbohydrates. This course is designed for students majoring in science, engineering, pre-medicine, pre-dentistry, and pre-pharmacy.

CHEM 3411 Organic Chemistry Problems II

CREDIT HOURS 1.0

COREQUISITES concurrent registration in CHEM 2410

DESCRIPTION One lecture hour per week. An auxiliary course for students taking CHEM 2410. Emphasis is on problem solving in organic chemistry. This course does not count toward graduation.

CHEM 3600 Introduction to Academic Peer Leadership

CREDIT HOURS 1.0

DESCRIPTION The objective of this course is to train students to be peer leaders. Peer leaders will learn to lead a group of students by focusing on communication, group dynamics, motivation, learning styles and other issues to help participants actively engage students with course material. Students in the course will examine the practical and theoretical aspects of workshop leadership.

CHEM 3690 Honors Readings

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and readings on selected topics.

CHEM 4000 Fundamentals of Chemical Analysis-CTW

CREDIT HOURS 3.0

PREREQUISITES CHEM 2410 with grade of C or higher, MATH 2202 or MATH 2212 with grade of C or higher, and an undergraduate GPA of 2.2 or higher

DESCRIPTION Two lecture and four laboratory hours a week. Chemical equilibria of acid-base systems, metal ion complexes and solubility, and their relationship to chemical analysis; use of manual and semi-automatic methods of data collection. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all chemistry majors and may not be transferred in.

CHEM 4001 Problem Solving in Analytical Chemistry

CREDIT HOURS 2.0

DESCRIPTION Two lecture hours a week. Concurrent enrollment in CHEM 4000 required. Emphasis on solving assigned problems and review of lecture material. This course does not count toward a B.S. Degree in Chemistry.

CHEM 4005 Instrumental Analysis

CREDIT HOURS 3.0

PREREQUISITES CHEM 3015 or equivalent with grade of C or higher, and Physics 2212K or equivalent with grade of C or higher

DESCRIPTION Extensive data analysis, report writing and revisions in addition to the laboratory contacts. Contents: signal/noise and electronics; chemical separation; spectroscopic analysis; electrochemistry; mass spectrometry and others. The lab section requires operation of research instruments, multiple team projects, comprehensive data analysis and scientific report writing.

CHEM 4010 Instrumental Methods I: Chromatography

CREDIT HOURS 3.0

PREREQUISITES CHEM 4000 with grade of C or higher

COREQUISITES CHEM 4110

DESCRIPTION Two lecture and three laboratory hours a week. Modern methods, e.g., gas, liquid, thin layer, column, and ion exclusion chromatographic techniques, used to demonstrate the principles of chromatography.

CHEM 4015 Separation in Biosciences

CREDIT HOURS 3.0

PREREQUISITES CHEM 4000 and CHEM 4010 with grades of C or higher, or equivalent

DESCRIPTION Two lecture and three laboratory hours a week. Analytical chemistry applications of electrophoresis, gel chromatography precipitation, and ultracentrifugation to molecular recognition and separations in biological systems.

CHEM 4050 Introduction to Fourier-Transform NMR Spectroscopy

CREDIT HOURS 2.0

PREREQUISITES demonstrated research need and approval of the department chair

DESCRIPTION Introduction to techniques of Fourier-Transform Nuclear Magnetic Resonance Spectroscopy.

CHEM 4100 Chemical Literature

CREDIT HOURS 3.0

PREREQUISITES CHEM 3110 with grade of C or higher, or equivalent, and consent of instructor

DESCRIPTION Introduction to the chemical literature. Emphasis on literature searching via database services.

CHEM 4110 Physical Chemistry I

CREDIT HOURS 3.0

PREREQUISITES CHEM 1212K and PHYS 2212K with grade of C or higher MATH 2201 or MATH 2212 with grade of C or higher, and an undergraduate GPA of 2.2 or higher

DESCRIPTION Three lecture hours a week. Principles of thermodynamics, transport and kinetics and how they serve as a basis for interpreting and interrelating the properties of matter.

CHEM 4111 Physical Chemistry Problems I

CREDIT HOURS 2.0

COREQUISITES concurrent registration in CHEM 4110

DESCRIPTION Two lecture hours per week. This course is designed to assist students in acquiring problem solving skills in Physical Chemistry I. This course does not count toward graduation.

CHEM 4120 Physical Chemistry II

CREDIT HOURS 3.0

PREREQUISITES CHEM 4110 with grade of C or higher

DESCRIPTION Principles of quantum and statistical mechanics, and how they serve as a basis for interpreting and interrelating the properties of matter.

CHEM 4121 Physical Chemistry Problems II

CREDIT HOURS 2.0

COREQUISITES concurrent registration in CHEM 4120

DESCRIPTION Two lecture hours per week. This course is designed to assist students in acquiring problem-solving skills in Physical Chemistry II. This course does not count toward graduation.

CHEM 4150 Introduction to Biophysical Chemistry

CREDIT HOURS 3.0

PREREQUISITES MATH 2202 or MATH 2212 with a grade of C or higher or equivalent

DESCRIPTION Applied physical chemistry to biological systems. Elements of thermodynamics, kinetics, hydrodynamics, and spectroscopy are used to characterize biomacromolecules and their interactions with ligands. Acceptable for credit toward a BS degree in Chemistry in the Biochemistry concentration.

CHEM 4160 Chemistry Laboratory IVA-CTW

CREDIT HOURS 3.0

PREREQUISITES CHEM 4000, CHEM 4110, CHEM 4330, CHEM 4600 or equivalent with a grade of C or higher and consent of the instructor

DESCRIPTION The instructor may waive (a) course prerequisite(s). Concurrent enrollment in CHEM 4160 and CHEM 4170 is not allowed. Advanced laboratory problems; independent research. Laboratory and prior selection of special problems to be arranged. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all chemistry majors. This course may include a Signature Experience component.

CHEM 4170 Chemical Laboratory IVB

CREDIT HOURS 4.0

PREREQUISITES CHEM 4000 and CHEM 4110 with grades of C or higher, and prior selection of special problems

DESCRIPTION Concurrent enrollment in CHEM 4160 and CHEM 4170 is not allowed. Laboratory to be arranged. Advanced laboratory problems; independent research. This course may include a Signature Experience component.

CHEM 4190 Instrumental Methods III: Spectroscopy

CREDIT HOURS 3.0

PREREQUISITES CHEM 4000 and CHEM 4120 with grades of C or higher

DESCRIPTION Two lecture and three laboratory hours a week. Modern spectroscopic techniques and their application to chemical problems, with the results of quantum mechanics used as a guide in the analysis of spectra.

CHEM 4210 Inorganic Chemistry

CREDIT HOURS 3.0

PREREQUISITES CHEM 4120 with grade of C or higher

DESCRIPTION Periodic relationship of the elements and their compounds, including those less commonly encountered. Bonding, reaction and mechanisms, complexes, and stereochemistry are among the topics discussed.

CHEM 4230 Metals in Biology and Medicine

CREDIT HOURS 5.0

PREREQUISITES CHEM 4600 (Biochemistry I) or equivalent with a grade of C or better

DESCRIPTION Metal ions play critical roles in over one third of all enzymes. They are involved in oxygen activation and a number of important biosynthetic pathways. Moreover, metal ions control many diseases. This course is an overview of the roles of metals in biology and medicine, focusing on the metal-binding ability of proteins and nucleic acids and their relations to various disease states. Our emphasis will be on the mechanism of metal-dependent enzymes. Important topics include oxygen activation by metal ions, the production of reactive oxygen species (ROS) in biological systems, metal uptake and toxicity, metal-assisted amino acid radical productions, metals in medicine, and biomineralization. An overview of bioinformatics and the key instrumental methods used in bioinorganic chemistry will also be covered.

CHEM 4240 Chemical Biology

CREDIT HOURS 3.0

PREREQUISITES one year of Organic Chemistry, CHEM 2410, or equivalent, and one semester of Biochemistry 4600/6600 or equivalent

DESCRIPTION Comprehensive survey of the field of chemical biology. Topics such as natural product biosynthesis, biological activities of the natural products, chemical tools to study biology, and engineering biological process to enable new chemistry will be covered.

CHEM 4330 Advanced Synthesis

CREDIT HOURS 3.0

PREREQUISITES one year of organic chemistry (CHEM 2410) with laboratory (CHEM 3110) with grades of C or higher

DESCRIPTION Two lecture and four laboratory hours a week. Synthesis and characterization of inorganic and organic compounds by modern methodology.

CHEM 4400 Mechanistic Organic Chemistry

CREDIT HOURS 3.0

PREREQUISITES one year of organic chemistry (CHEM 2410) with grade of C or higher

DESCRIPTION Experimental approaches to determining the mechanisms of chemical reactions in organic chemistry.

CHEM 4410 Bioorganic Chemistry

CREDIT HOURS 3.0

PREREQUISITES one year of organic chemistry (CHEM 2410) or a course in biochemistry with grade of C or higher

DESCRIPTION Strategies for designing pharmaceutical agents to inhibit enzymes. This is a writing intensive course.

CHEM 4420 Drug Discovery: Theory and Practice

CREDIT HOURS 3.0

PREREQUISITES CHEM 2400 and CHEM 3410 with grades of C or higher, or consent of the instructor

DESCRIPTION Three lecture hours a week. Study of the principles of drug design, drug design methods, and tools commonly used in the pharmaceutical industry, and general strategies and common pitfalls in drug discovery.

CHEM 4430 Advanced Synthesis & Mechanism in Organic Chemistry

CREDIT HOURS 3.0

PREREQUISITES CHEM 2410 (Organic Chemistry II) with grade of B or higher and consent of instructor

DESCRIPTION This course focuses on advanced synthetic methodologies and reactions mechanisms.

CHEM 4450 Molecular Modeling Methods

CREDIT HOURS 3.0

PREREQUISITES CHEM 2410 and CHEM 4110 with grades of C or higher, or equivalent coursework, and consent of instructor

DESCRIPTION Molecular mechanics/dynamics methods to solve structural problems in organic, bioorganic, and biophysical chemistry. May be repeated if topics are different.

CHEM 4490 Special Topics in Organic Chemistry

CREDIT HOURS 3.0

PREREQUISITES CHEM 2410 with grade of C or higher, or equivalent

DESCRIPTION Advanced topics in organic chemistry as may fit the needs and interests of the students and faculty. Such topics might be stereoisomerism, heterocycles, alkaloids, organic mechanisms, and structure-activity relationships. May be repeated if topics are different.

CHEM 4590 Special Topics in Physical Chemistry

CREDIT HOURS 3.0

PREREQUISITES CHEM 4120 with grade of C or higher, or equivalent

DESCRIPTION Advanced topics in physical chemistry as may fit the needs and interests of the students and faculty. Such topics might be chemical kinetics, statistical mechanics, quantum mechanics, molecular spectra, phase equilibrium. May be repeated if topics are different.

CHEM 4600 Biochemistry I

CREDIT HOURS 5.0

PREREQUISITES CHEM 2410 with grade of C or higher

DESCRIPTION Concurrent enrollment in CHEM 3400 is recommended. Five lecture hours a week. Introduction to biochemical phenomena: proteins, enzymes, vitamins, carbohydrates, lipids, nucleic acids, DNA, RNA, and metabolism.

CHEM 4610 Biochemistry II

CREDIT HOURS 3.0

PREREQUISITES CHEM 4600 with grade of C or higher

DESCRIPTION Three lecture hours a week. In-depth coverage of biochemical phenomena: proteins, enzymes, vitamins, carbohydrates, lipids, nucleic acids, DNA, RNA, and metabolism.

CHEM 4630 Enzymology

CREDIT HOURS 3.0

PREREQUISITES one year of organic chemistry (CHEM 2410) and one semester of biochemistry (CHEM 4600) with grades of C or higher

DESCRIPTION (Same as BIOL 4630.) Introduction to enzyme catalysis, with emphasis on the general concepts of enzyme kinetics and the common tools for studying enzymes.

CHEM 4650 Nucleic Acid Synthesis and Drug Design

CREDIT HOURS 3.0

PREREQUISITES CHEM 2410 (Organic Chemistry II) with grade of C or higher and consent of instructor

DESCRIPTION Lectures on nucleic acid synthesis, mechanism, therapeutics, and detection. Course may be repeated.

CHEM 4670 Principles and Techniques of Practical Biochemistry

CREDIT HOURS 3.0

PREREQUISITES One semester of biochemistry (CHEM 4600/6600) with grade of B or higher, or equivalent

DESCRIPTION Cross listed with BIOL 4670. A comprehensive and integrated review of principles and modern techniques found in day-to-day biochemical research laboratories. Topics include, but are not limited to: general principles of biochemical investigations, molecular biology and basic techniques, molecular cloning and gene analysis, protein structure, purification and characterization, biomolecular interactions, basic enzyme analysis, spectroscopic techniques, mass spectrometric techniques, centrifugation, electrophoretic, chromatographic, radioisotope and electrochemical techniques.

CHEM 4850 Bioanalytical Chemistry I

CREDIT HOURS 3.0

PREREQUISITES CHEM 4000 and CHEM 4190 with grades of C or higher, or equivalent, or consent of instructor

DESCRIPTION Basic concepts of analytical chemistry as applied to biologically-oriented problems.

CHEM 4860 Bioanalytical Chemistry II

CREDIT HOURS 3.0

PREREQUISITES CHEM 4850 with grade of C or higher, or consent of instructor

DESCRIPTION Basic principles underlying instrumentation, automation, and laboratory computers used in solving bioanalysis problems.

CHEM 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

CHEM 4871 Electrochemical Methods

CREDIT HOURS 3.0

PREREQUISITES CHEM 4110 with grade of C or higher, or equivalent

DESCRIPTION Three lecture hours a week. Fundamentals of electrochemistry and application to chemical problems. Special emphasis on electrode reaction mechanisms and interpretation of electrochemical results for organic, inorganic, and biological systems.

CHEM 4875 Writing in Chemistry

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Consent of the instructor

DESCRIPTION Writing on modern topics in chemistry. May be taken more than once, but for a total of no more than 6 credits.

CHEM 4880 Honors Thesis: Writing

CREDIT HOURS 3.0 - 6.0

PREREQUISITES CHEM 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

CHEM 4900 Advanced Research Methods

CREDIT HOURS 2.0

COREQUISITES Concurrent enrollment in CHEM 4160, CHEM 4170, CHEM 4870, CHEM 4880, or CHEM 4950 required

DESCRIPTION Two lecture hours a week. Student learning of interdisciplinary experimental strategies and laboratory procedures in chemistry.

CHEM 4905 Theme-Based Chemistry Laboratory

CREDIT HOURS 2.0

PREREQUISITES BIOL 3810 with grade of C or higher

DESCRIPTION Students will work in small groups to develop specific biological or chemical hypotheses, design and carry out experiments to test these hypotheses, and analyze the results they obtain. Topics will vary.

CHEM 4940 Seminar in Chemistry

CREDIT HOURS 1.0

PREREQUISITES consent of department

DESCRIPTION Discussion of current research areas in chemistry.

CHEM 4950 Chemical Research

CREDIT HOURS 1.0 - 5.0

PREREQUISITES prior approval of a written program or the proposed work

DESCRIPTION No more than five credit hours. It is normally assumed that this research will span more than one semester. This course may include a Signature Experience component.

CHEM 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements. This course may include a Signature Experience component.

CHIN 1001 Elementary Chinese I

CREDIT HOURS 3.0

DESCRIPTION This course is designed for true beginners to acquire the fundamental skills in Chinese language (Mandarin) and to learn key elements of Chinese culture. Students will develop communicative competence in handling some typical daily situations (e.g., greetings, talking about family, discussing hobbies, visiting friends) through carefully designed pedagogical activities and assignments. The development of speaking and listening skills will be emphasized throughout the semester. Reading and writing skills will also be cultivated accordingly. Students will also have opportunities to develop their independent learning ability. This course is not open to native speakers of Chinese.

CHIN 1002 Elementary Chinese II

CREDIT HOURS 3.0

PREREQUISITES CHIN 1001 with grade of C or higher, or placement into 1002

DESCRIPTION As a continuation of CHIN 1001, this course is designed for beginners to reinforce the fundamental skills in Chinese language (Mandarin) and to continue learning about the key elements of Chinese culture and society. Students will develop communicative competence in handling daily situations (e.g., making appointments, shopping, discussing school life, talking about transportation) through carefully designed pedagogical activities and assignments. The development of speaking and listening skills will be emphasized throughout the semester. Reading and writing skills will also be cultivated. Students will also have opportunities to develop their independent learning ability. This course is not open to Chinese native speakers.

CHIN 2001 Intermediate Chinese I

CREDIT HOURS 3.0

PREREQUISITES CHIN 1002 with a grade of C or higher or permission of course instructor

DESCRIPTION This course is designed for students who have successfully completed two semesters of Chinese classes at Georgia State University and plan to further develop their Chinese language skills (listening, speaking, reading, and writing) and cultural competence. This course is not open to native speakers of Chinese. Starting with an emphasis on sentence level proficiency, this course will gradually help students develop discourse level competence. The course will develop the studentâ⊠⊠s pragmatic competence and independent learning ability.

CHIN 2002 Intermediate Chinese II

CREDIT HOURS 3.0

PREREQUISITES CHIN 2001 with a grade of C or higher, placement into CHIN 2002, or permission of instructor

DESCRIPTION This course, a continuation of CHIN 2001, further develops Chinese language skills (listening, speaking, reading, and writing) and cultural competence. A major goal of this course is developing discourse-level competence. The course will emphasize appropriate language usage and develop the studentâ⊠⊠s sensitivity to formal and informal speech. Students will also have opportunities to develop independent learning ability. This course is not open to native speakers of Chinese.

CHIN 3001 Advanced Chinese I

CREDIT HOURS 3.0

PREREQUISITES Grade C or higher in CHIN 2002 Intermediate Chinese II, or permitted by course instructor

DESCRIPTION This course is not open to native speakers of Chinese. For heritage learners, please contact your instructor for eligibility. This course is designed for students who have successfully completed two years of Chinese classes at Georgia State University and plan to further develop their Chinese language proficiency and cultural competence. Adopting an integrated approach, this course will gradually develop and refine student's oral and written proficiency at discourse level. Meanwhile, listening and reading skills at more advanced level will also be part of the course foci. Students will continue to build their pragmatic competence in dealing with professional and everyday situations. Strategies in acquiring more advanced language and cultural competence will also be discussed and practiced throughout the semester.

CHIN 3002 Advanced Chinese II

CREDIT HOURS 3.0

PREREQUISITES Grade of C or higher in CHIN 3001 Advanced Chinese I, or permission by course instructor

DESCRIPTION This course is not open to native speakers of Chinese. For heritage learners, please contact your instructor for eligibility. This course is designed for students who have successfully completed CHIN 3001 Advanced Chinese at Georgia State University. A major task of this course is to develop and strengthen students' ability to perform the essential language skills (listening, speaking, reading, and writing) at discourse level. Another important task is to help students to build their language competence in dealing with a wider range of topics beyond daily situations (e.g., history, tourism, education). Strategies for acquiring those more advanced language skills will also be discussed and practiced throughout the semester. This course is not open to native speakers of Chinese. For heritage learners, please contact your instructor for eligibility.

CHIN 3011 Chinese Culture and Society in Change: Advanced Reading and Writing

CREDIT HOURS 3.0

PREREQUISITES CHIN 3002 with a C or higer, or instructor permission.

DESCRIPTION This course aims to develop advanced level Chinese proficiency through theme-based topics regarding changes in contemporary Chinese society.

CHIN 3080 Topics in Chinese studies

CREDIT HOURS 3.0

DESCRIPTION This course surveys key aspects of Chinese culture and society pertaining to literature, arts, education, philosophy, religion, language, etc. Organized around thematic topics, this course aims to promote students' cultural understanding with regard to China. Lectures will be accompanied with in-depth reading and discussions of primary texts selected from the classics of various fields (e.g., literature, religion, philosophy), with the goal of helping students to better understand and appreciate the continuity and diversity of Chinese civilization. Course may be repeated for credit when topics vary. Global Perspectives Course.

CHIN 3081 Cultural Dimensions of Language Learning

CREDIT HOURS 3.0

PREREQUISITES Completion of at least three semesters (through 2001 or above) of Chinese or another Asian language (e.g., Japanese or Korean) with a grade of C or higher, or consent of instructor

DESCRIPTION This course familiarizes students of Chinese and Asian Studies with theories of language acquisition that apply specifically to Asian languages. Students will gain experience in using methodologies of second language (L2) acquisition in analyzing and assessing cultural competence. This course will count toward credit in the Asian Studies program. Taught in English. Global Perspectives Course.

CHIN 3082 Cross-Cultural Encounters

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 with a C or higher, or equivalent

DESCRIPTION A selection of works by American writers of Asian descent (Chinese, Japanese, Korean, Indian, etc.). Addresses some important themes, such as identity, assimilation, displacement, cultural conflict, and generational gap. Global perspective course.

CHIN 3083 Modern China through Film

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 with a C or higher, or equivalent

DESCRIPTION Studies of modern China and Chinese culture through contemporary films. Examines some important events and various aspects of Chinese culture and the artistic approaches and styles of the selected movies. Films in Chinese with English subtitles. Taught in English.

CHIN 3395 Study Abroad

CREDIT HOURS 3.0

DESCRIPTION Chinese language and culture in a native environment. Designed specifically for those students participating in the University System of Georgia Study Abroad Programs. (Appropriate placement is done at the foreign university). This course may include a Signature Experience component.

CHIN 3396 Study Abroad

CREDIT HOURS 3.0

DESCRIPTION Chinese language and culture in a native environment. Designed specifically for those students participating in the University System of Georgia Study Abroad Programs. (Appropriate placement is done at the foreign university). This course may include a Signature Experience component. Global Perspectives Course.

CHIN 3397 Study Abroad

CREDIT HOURS 3.0

DESCRIPTION Chinese language and culture in a native environment. Designed specifically for those students participating in the University System of Georgia Study Abroad Programs. (Appropriate placement is done at the foreign university). This course may include a Signature Experience component. Global Perspectives Course.

CHIN 4011 Chinese for Internal Business I

CREDIT HOURS 3.0

PREREQUISITES Grade C or higher in CHIN 3002 Advanced Chinese II, or instructorâ⊠⊠s permission

DESCRIPTION This course is designed to develop and consolidate studentsâ⊠⊠ advanced-level Chinese proficiency and to prepare students for their future encounters with Chinese business professionals. A variety of topics related to Chinaâ⊠⊠s business world will be discussed, such as stock market, real estate market, marketing, business administration, foreign exchange market, and international trade.

CHIN 4012 Chinese for International Business II

CREDIT HOURS 3.0

PREREQUISITES Grade C or higher in CHIN 4011 Chinese for International Business I, or instructorâ⊠⊠s permission

DESCRIPTION This course builds on CHIN 4011. It aims to prepare students for their future business communication conducted in Chinese by expanding their linguistic repertoire as well as cultural knowledge in the business realm. The course will discuss the following topics: transnational operations, ownership and modes of operation, economic recession and inflation, taxation, and intellectual property.

CHIN 4021 Modern/Contemporary Chinese Literature in Translation

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 with a C or higher, or equivalent

DESCRIPTION Selected works from modern and contemporary Chinese literature in translation. Examines some major works in relation to their cultural and historical backgrounds. Requires no knowledge of Chinese. Taught in English. Global Perspective Course.

CHIN 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

CNHP 2000 Introduction to Health Informatics

CREDIT HOURS 1.0

PREREQUISITES Entrance into BIS degree in Health Informatics or permission of instructor

DESCRIPTION Through class discussion, visits from practitioners, and faculty lectures, students are introduced to the present and projected roles of health informaticians.

CNHP 2010 Medical Terminology for Healthcare

CREDIT HOURS 3.0

DESCRIPTION This course presents a study of basic medical terminology. Prefixes, suffixes, word roots, combining forms, abbreviations, and symbols are included in the content. Emphasis is placed on spelling, definition, usage and pronunciation. Open to all university students.

CNHP 3000 Communication/Cultural Diversity

CREDIT HOURS 3.0

DESCRIPTION The purpose of this course is to increase awareness of diverse cultures in the framework of intercultural communication skills. Students will enhance their knowledge of culture and assess its impact on intercultural communication. Topics related to culture and communication will be explored from a global perspective with a focus on cultural competency and service delivery to diverse groups. Global Perspectives Course.

CNHP 3010 Advanced Medical Terminology

CREDIT HOURS 3.0

PREREQUISITES HHS or SNHP 2010

DESCRIPTION This course presents a study of advanced medical terminology Prefixes, suffixes, word roots, combining forms, abbreviations, and symbols are included in the content. Emphasis is placed on spelling, definition, usage and pronunciation.

CNHP 3050 Special Topics in Nursing and Health Professions

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Permission of the Instructor

DESCRIPTION May be repeated up to six hours if topic varies.

CNHP 3100 Electronic Health Records

CREDIT HOURS 3.0

PREREQUISITES Entrance into BIS degree in Health Informatics or permission of instructor

DESCRIPTION This course covers the hist0ory, benefits, standards, functionality, security, and confidentiality as well as the impact of electronic health records (HER) in the healthcare environment. Students will have hands-on experience using HER software to complete common work tasks in health care settings. Types of electronic management systems will be explored along with their impact on various areas of the healthcare system.

CNHP 3105 Health Promotion and Electronic Health Records

CREDIT HOURS 3.0

PREREQUISITES Entrance into BIS degree in Health Informatics or permission of instructor

DESCRIPTION This course provides an overview of health maintenance and health promoting applications used in public health and by the individual consumer. The course includes information exchange issues specific to these applications and the Electronic Health Record (EHR).

CNHP 3200 Interprofessional Seminar

CREDIT HOURS 1.0

PREREQUISITES Admission to one of the Lewis College professional programs

DESCRIPTION This course will include first-year students admitted to one of the undergraduate-level health disciplines in the Lewis College. Case studies will be discussed as interprofessionals with students from two or more professions in health and social care learn together during all or part of their professional training with the objective of cultivating collaborative practice for providing client.

CNHP 3400 Spanish for the Health Care Professional

CREDIT HOURS 3.0

PREREQUISITES Consent of instructor

DESCRIPTION The purpose of this course is to establish communication skills that can be used by health and human service practitioners in culturally diverse settings to assist Spanish-speaking clients. This course is designed for non-Spanish speaking students.

CNHP 3500 Research Methods

CREDIT HOURS 3.0

PREREQUISITES Entrance to Nursing or Respiratory Threrapy undergraduate professional programs

DESCRIPTION This course is designed to provide students with an overview of the major research concepts as applied to the profession of nursing and respiratory therapy. Emphasis is on how to critically evaluate published and empirical research.

CNHP 3810 Interpretation of Clinical Laboratory Values for Health Professionals

CREDIT HOURS 3.0

PREREQUISITES Inorganic chemistry with lab, organic chemistry with lab, AND EITHER human physiology OR biochemistry

DESCRIPTION The course will provide the student with the opportunity to understand the interrelationships between clinical laboratory test results and the disease process occurring in the patient. Laboratory values from hematology, clinical chemistry and urinalysis, and microbiology/immunology will be interpreted for infectious diseases, liver diseases, kidney diseases, hematologic disorders, and metabolic disorders. Appropriate case studies will be used to illustrate clinical significance. This course is also SNHP 7810.

CNHP 3900 EKG Interpretation

CREDIT HOURS 3.0

PREREQUISITES HHS or SNHP 2010 preferred

DESCRIPTION This course presents a study of electrocardiograms . The course will provide the student with the opportunity to understand basic normal EKG waveform morphology, normal physiology of cardiac conduction, and basic dysrhythmias. Appropriate case studies will be used to illustrate clinical significance.

CNHP 4000 Human Gross Anatomy for OT

CREDIT HOURS 4.0

PREREQUISITES Pre-requisite cumulative GPA 3.0 or greater except SNHP 4000 Human Gross Anatomy (or equivalent) and SNHP 4002 Medical conditions (or equivalent)

COREQUISITES SNHP or OT 4001 Human Gross Anatomy Lab

DESCRIPTION This course of Human Gross Anatomy is designed to provide students a fundamental knowledge of human anatomy especially for occupational therapy. An emphasis will be placed on the musculo-skeletal, peripheral nervous systems, and cardiovascular systems to enhance the understanding of clinical conditions that will likely be encountered in the practice of occupational therapy.

CNHP 4001 Human Gross Anatomy for Occupational Therapy Laboratory

CREDIT HOURS 2.0

COREQUISITES SNHP 4000 Human Gross Anatomy for OT

DESCRIPTION This lab component of Human Gross Anatomy is designed to provide students with hands-on experience with cadaver dissection to gain in-depth knowledge of human anatomy. An emphasis will be placed on the musculo-skeletal, peripheral nervous systems, and cardiovascular systems to enhance the understanding of clinical conditions that will likely be encountered in the practice of occupational therapy.

CNHP 4002 Medical Conditions across the Lifespan

CREDIT HOURS 4.0

PREREQUISITES Pre-requisite cumulative GPA 3.0 or greater except SNHP 4000 Human Gross Anatomy (or equivalent) and SNHP 4002 Medical conditions (or equivalent)

DESCRIPTION This course is a survey course to introduce the student to a variety of medical conditions that are frequently encountered in various settings in which occupational therapists may practice. The course will consist of lectures, discussions, and case work related to the etiology, pathology, symptomatology, and medical/surgical management of selected medical conditions which affects an individualsâ ability to participate in occupational endeavors.

CNHP 4010 Leadership and Ethics in Healthcare

CREDIT HOURS 3.0

DESCRIPTION The course will describe and discuss major leadership philosophies and theories as well as ethical dilemmas. Through online and in class discussion and activities participants will explore these philosophies and theories to enhance their leadership potential. At the conclusion of this course each participant will have identified a leadership style(s) to use and grow within the healthcare industry.

CNHP 4020 Neurobiology of Sleep

CREDIT HOURS 3.0

DESCRIPTION Participants in this course will gain knowledge of contemporary theories regarding why humans need to sleep and the neural mechanisms contributing to the states of sleep and wakefulness. An emphasis will be placed upon the analysis of perturbations within specific neurotransmitter systems may manifest as sleep related disorders. The application and evaluation of pharmacological interventions used to normalize activity within those neural pathways will be covered.

CNHP 4100 Quality and Safety in Health Informatics

CREDIT HOURS 3.0

PREREQUISITES Entrance into BIS degree in Health Informatics or permission of instructor

DESCRIPTION This course examines processes used to measure, evaluate and improve the quality, efficiency and effectiveness of health care information. The course includes information exchange issues specific to these applications and the Electronic Health Record (EHR).

CNHP 4105 Providers and Vendors

CREDIT HOURS 3.0

PREREQUISITES Entrance into BIS degree in Health Informatics or permission of instructor

DESCRIPTION This course provides an overview of the environment and activities necessary to plan, select, contract, and implement systems from suppliers in the health care I.T. industry. The course includes information exchange issues specific to these applications and the Electronic Health Record (EHR).

CNHP 4107 Usability and Human Factors in Clinical Informatics

CREDIT HOURS 3.0

PREREQUISITES Entrance into BIS degree in Health Informatics or permission of instructor

DESCRIPTION This course will explore the discussion of rapid prototyping, user-centered design understanding effects of new technology workflow on downstream processes; facilitation of unit-wide focus groups or simulation.

CNHP 4109 Training and Instructional Design in Health Informatics

CREDIT HOURS 3.0

PREREQUISITES Entrance into BIS in Health Informatics or permission of instructor

DESCRIPTION This course will provide an overview of learning management systems, instructional design software tools, teaching techniques and strategies, evaluation of learner competencies, maintenance of training records, and measurement of training program effectiveness. In addition, this component will discuss selecting and implementing Web 2.0 technologies as instructional technologies given a specific platform and training programs.

CNHP 4110 Future Trends-Telehealth (CTW)

CREDIT HOURS 3.0

PREREQUISITES Entrance into BIS degree in Health Informatics or permission of instructor

DESCRIPTION This course provides an overview of telehealth and the basic knowledge necessary to understand the role of the Telehealth Coordinator in a healthcare organization. This course also serves at a Critical Thinking Through Writing course for the Lewis Schoolâ⊠⊠s B.I.S. in Health Informatics program.

CNHP 4120 Workflow and Process Management in Health IT

CREDIT HOURS 3.0

DESCRIPTION Prerequisite- Entrance into BIS degree in Health Informatics or permission of instructor. This course examines the fundamentals of health workflow process analysis and redesign as a necessary component of practice automation in health information technology (HIT). Topics include process validation, quality improvement, and change management.

CNHP 4130 Tai Chi-A Therapeutic Exercise

CREDIT HOURS 3.0

DESCRIPTION This course introduces Tai Chi as a therapeutic exercise. The course addresses the benefits of Tai Chi exercise, Tai Chi's origin, philosophy and development. Scientific evidence of Tai Chi's benefits to health is discussed. The course introduces all the styles and forms of Tai Chi and the applications of Tai Chi to self-defense, exercise, rehabilitation and meditation. Application of the principles and practices of Tai Chi to various physical impairments and disabilities is discussed.

CNHP 4200 Health and the Older Adult

CREDIT HOURS 3.0

DESCRIPTION This course provides an introduction to physiological aging and the health status of older people and is designed for non-health professionals who work with older adults. Normal aging process, age-related changes, and associated health promotion activities will be discussed. Information on the assessment and implications of alterations in functional health states, drug use, and referral sources are included.

CNHP 4250 Entrepreneurship and Health Informatics

CREDIT HOURS 3.0

PREREQUISITES Entrance into BIS degree in Health Informatics or permission of instructor

DESCRIPTION This course introduces the student with the personal qualities of successful entrepreneurs in health information technology. Students will learn techniques in networking, resume writing, social media ethics and self-branding.

CNHP 4270 Project Management in Health Informatics

CREDIT HOURS 3.0

PREREQUISITES Entrance into BIS degree in Health Informatics or permission of instructor

DESCRIPTION An understanding of project management tools and techniques that results in the ability to create and follow a project management plan. This course will focus on health IT projects.

CNHP 4350 Project Management in Health Informatics

CREDIT HOURS 3.0

PREREQUISITES Entrance into BIS in Health Informatics or permission of instructor

DESCRIPTION This course introduces the student to project management with a focus of systems implementation and to working for vendor of health information systems. The project management process along with its relationship to the phases of the project life cycle are emphasized.

CNHP 4450 Data Analytics in Healthcare

CREDIT HOURS 3.0

PREREQUISITES Entrance into BIS degree in Health Informatics or permission of instructor

DESCRIPTION This course provides the foundation needed to understand complex data structures and the requirements for retrieving and analyzing data to address healthcare questions. Students will gain an understanding of the methods and analytic tools required to select and prepare data for analysis and querying data through data and text mining and introductory data analytics techniques. Students will also learn techniques for data analytical evaluation and presentation of clinical data.

CNHP 4500 Health Communication

CREDIT HOURS 3.0

DESCRIPTION This course will examine theories of interpersonal, organizational and mass communication relevant to the health field. Students will review strategies of persuasion, the relationship between attitude and behavior, and the changing nature of health and health delivery in the United States. Successful and unsuccessful health information campaigns will be evaluated.

CNHP 4600 Capstone Project in Health Informatics

CREDIT HOURS 3.0

PREREQUISITES Entrance into BIS in Health Informatics or permission of instructor

DESCRIPTION On-site clinical health informatics experience. This course may include a Signature Experience component.

CNHP 4680 Security and Privacy through Healthcare Technology

CREDIT HOURS 3.0

PREREQUISITES Entrance into BIS degree in Health Informatics or permission of instructor

DESCRIPTION This course serves as in introduction to security and privacy regulations that affect the development lifecycles of healthcare technology systems. Special consideration is given to the in- depth study of how the Health Insurance Portability and Accountability Act (HIPAA) and the Health Informatics Technology for Economic and Clinical Health (HITECH) Act affects an organizations healthcare informatics initiatives.

CSD COMMUNICATION SCIENCE & DISORDERS

CSD 4320 Introduction to Language Disorders

CREDIT HOURS 3.0

DESCRIPTION This course provides an introduction to language disorders across the life span. Emphasis is placed on describing the characteristics and causes of language disorders in children and adults. General procedures for assessing language disorders and principles of remediation are described. (Laboratory participation required).

CSD 4360 Anatomy and Physiology for Communication

CREDIT HOURS 3.0

DESCRIPTION This course is designed to examine the anatomy and physiology of the speech and hearing mechanisms and to provide an overview of the nervous system as related to speech, language, and hearing. The course prepares students for further course work in communication disorders.

CSD 4480 Introduction to Hearing Science and Disorders

CREDIT HOURS 3.0

DESCRIPTION This course introduces students to hearing science and audiology. Students examine acoustics, anatomy and physiology, and disorders of the auditory system. Attention is given to the administration and interpretation of pure tone and speech audiometry.

CSD 4490 Introduction to Audiologic Rehabilitation

CREDIT HOURS 3.0

PREREQUISITES CSD 4480 with a minimum grade of "C" or consent of instructor

DESCRIPTION This course introduces students to the rehabilitation of children and adults with hearing impairment. Emphasis is placed on the effects of hearing loss, the function, selection, and maintenance of amplification systems, and the design and implementation of individualized intervention programs.

CSD 4810 Directed Readings in Communication Sciences and Disorders

CREDIT HOURS 1.0 - 3.0

DESCRIPTION Students study selected areas in communication sciences and disorders. The directed reading may not extend beyond one term. (Repeatable).

CIS COMPUTER INFORMATION SYSTEMS

CIS 2010 Introduction to Information Systems

CREDIT HOURS 3.0

PREREQUISITES None

DESCRIPTION This course provides an introduction to the role of information systems technology and applications in organizations and professional settings. Students explore the issues associated with developing and managing information systems resources, aligning systems with business processes, utilizing communications networks, devising and applying analytics, and securing systems and data. Course participants examine the practices of companies and identify strategies that can be deployed to gain advantage in diverse settings.

CIS 3001 Managing Information Technology Projects

CREDIT HOURS 3.0

PREREQUISITES CIS 2010, (CIS 3260 with B- or better) or permission of the instructor, 2.5 GSU GPA

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 3, 4, 5, 6, 7, 8

DESCRIPTION This course builds upon the student's foundation of programming principles through the introduction of application programming. Major areas covered include operating system dependent versus operating system independent, Internet, phone, or web service applications. Focus is on object-oriented programming as it relates to embedded or service-based applications, as well as on best coding practices. Students implement applets and develop a working prototype of Internet programs. The specific language will be noted in the course listing for each semester.

CIS 3260 Introduction to Programming

CREDIT HOURS 3.0

PREREQUISITES CIS 2010

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 4, 7

DESCRIPTION This course provides an introduction to programming using a contemporary object-oriented language. Emphasis is placed upon the development of correct, efficient programs that are easy to maintain. Topics include problem analysis, program design, documentation, testing and debugging. Basic features of the programming language are covered. The specific language will be noted in the course listing for each semester.

CIS 3270 Internet Programming with Java

CREDIT HOURS 3.0

PREREQUISITES CIS 3260

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 3, 4, 5, 6, 7, 8

DESCRIPTION This course builds upon the student's foundation of programming principles through the introduction of application programming. Major areas covered include operating system dependent versus operating system independent, Internet, phone, or web service applications. Focus is on object-oriented programming as it relates to embedded or service-based applications, as well as on best coding practices. Students implement applets and develop a working prototype of Internet programs. The specific language will be noted in the course listing for each semester.

CIS 3300 Systems Analysis

CREDIT HOURS 3.0

PREREQUISITES CIS 2010, CIS 3260 (with B- or better) or permission of instructor, 2.5 GSU GPA

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 4, 7

DESCRIPTION This course provides an introduction to the analysis and logical design of computer based information systems. Emphasis is placed upon the development of requirements specifications that serve the business needs of the organization and provide the necessary base for subsequent systems development. Both data oriented and process oriented approaches are covered.

CIS 3310 Systems Design

CREDIT HOURS 3.0

PREREQUISITES CIS 3300 and CIS 3270 or CIS 3215 and BCOM 3950

DESCRIPTION This course builds upon the skills and knowledge developed in CIS 3300. Emphasis is placed upon the design and development of information systems, including the software and databases that are needed to support the business needs of the organization. Object oriented design and the transition to object oriented programming are covered. These methods are discussed in the context of managing a systems development project, including issues such as project estimation and project management techniques, software quality assurance, and configuration management.

CIS 3320 Telecommunications for Business

CREDIT HOURS 3.0

PREREQUISITES CIS 2010

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 4, 7

DESCRIPTION This course introduces the subject of computer networks and the use of computer networks in business applications. Topics covered include client server networks, network hardware and software, distributed computing, key issues in network management, and the fundamentals of data communications.

CIS 3730 Database Management Systems

CREDIT HOURS 3.0

PREREQUISITES CIS 2010; (CIS 3260 with B- or better) or permission of the instructor) and MGS 3100. 2.5 GSU GPA

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP: 1, 4, 7

DESCRIPTION This course provides an introduction to the management of database systems. Major emphasis is placed on understanding the various database management functions and providing database support for the organization. Topics include types of data models and database management systems, data definition and manipulation, administration of database systems, and the management of databases, including database security, error recovery, concurrency control, and distributed database systems.

CIS 4000 Introduction to Computer Forensics

CREDIT HOURS 3.0

PREREQUISITES CIS 2010

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6, 7

DESCRIPTION This course introduces students to the collection, preservation, presentation and preparation of computer based evidence for the purposes of criminal law enforcement or civil litigation. These activities define the central roles of computer forensic practitioners involved in investigating computer crime scenes and torts involving computers. Students will be prepared to assist in the formulation and implementation of organizational computer forensics preparedness policies, to determine the necessity for forensic procedures, extend governance processes to allow for proper future forensic investigations, and to be contributing members of computer forensics investigation teams.

CIS 4120 Defining and Innovating Business Processes

CREDIT HOURS 3.0

PREREQUISITES CIS 2010 and CIS 3260 with B- or better or permission of the instructor; 2.5 GPA

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 3, 4, 5, 6, 7

DESCRIPTION CIS 4120 examines how an organization's business processes and the services they provide can be improved, innovated and enabled by information technology. The course begins by defining business services, their associated processes and metrics, and then proceeds to how processes are discovered and modeled for purposes of improvement, innovation and IT-enablement using a standardized modeling approach (BPMN). Additional topics include business rules and object models. The course finishes with an examination of problems related to organizational implementation. As part of the course, students work on a real-world, process-related project to identify and model a business process, assess improvement and innovation potential, and to propose improvements to these processes.

CIS 4140 Implementing IT-Enabled Business Processes

CREDIT HOURS 3.0

PREREQUISITES CIS 4120 and CIS 3730

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 3, 4, 5, 6, 7

DESCRIPTION The three objectives of this course are for students to: (1) implement a business process directly from a business process model using professional business process management software suite (BPMS); (2) develop and deploy the associated process interfaces with users, object model and application software (where required) and; (3) develop the knowledge and skills necessary to initially implement, then continuously evaluate, manage and improve the resulting business process.

CIS 4190 Digital Business Transformation

CREDIT HOURS 3.0

PREREQUISITES CIS 4120

REQUIREMENTS CSP 1, 2, 3, 4, 5, 6, 7, and 8

DESCRIPTION Recent advances in computers, information and communication technologies have created new global electronic trading and communication infrastructure that affects organizational strategies, market structures, and industrial organization around the world. Managers need deep understanding of twenty-first century business models and how to align new technology with changing business processes and new ways of organizing businesses in the digital age. This course provides a managerial understanding of applications, emerging technologies, skills sets, business concepts, and strategic opportunities that organizations need to master in order to plan, manage, and lead companies through the process of digital business transformation.

CIS 4300 Software Quality

CREDIT HOURS 3.0

DESCRIPTION The course covers methods and tools to manage software quality assurance at various levels of an information system, including at the module, subsystem, and system levels. The principles of software development and management are presented with special emphasis on the processes and activities of quality assurance. State of the art tools and techniques including development process modeling, manual and computer-assisted reviews, and estimating the value of new processes. In addition, the role of standards, policies, and procedures are discussed. The course will prepare students to methodically develop software quality-assurance programs. This course provides practical knowledge of a variety of quality assurance techniques, and an understanding of some of the tradeoffs between techniques.

CIS 4320 Advances in Networking

CREDIT HOURS 3.0

PREREQUISITES CIS 3320

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 3, 4, 5, 6, 7, 8

DESCRIPTION This course builds upon the skills and knowledge developed in CIS 3320. Emphasis is placed on the high speed computer and telecommunications networks. The course includes both wire line and wireless technologies for designing, implementing, managing, and using broadband networks. Major topics include communications media, switching, and networking requirements of broadband networks, design of broadband networks, regulatory and management issues, and application of broadband networks.

CIS 4350 Technology for Entrepreneurs

CREDIT HOURS 3.0

PREREQUISITES Must meet RCB Area-F prerequisites (or BUSA 3090 and ENI 3101 for non-BBA majors)

DESCRIPTION CSP 1. Advances in information and communication technology and the proliferation of business support services available online (â⊠⊠in the cloudâ⊠⊠), are reshaping the entrepreneurial landscape. Technology is enabling entrepreneurs to reach new customers, manage their operations, and offer products and services that previously required long lead-times and significant start-up capital. These digital tools are increasing entrepreneursâ⊠⊠ ability to experiment, quickly test new ideas, and adapt their business to changing market forces. Entrepreneurs must be able to leverage these digital tools in a way that can make their businesses stand out from other firms, all of which have access to these same tools. This class teaches how to use these technologies to effectively start and manage a business.

CIS 4389 Directed Readings in Information Systems

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION

CIS 4620 Management of Information Services

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 3, 4, 5, 6, 7

DESCRIPTION This course addresses the many management issues unique to the information services function within organizations. Coverage includes information systems planning, managing the information system infrastructure, justifying the information technology investments, the costing of services and networks, evaluating information system performance, alternative information system delivery modes, managing distributed and end user computing project and operations management, systems security, and the management of information system professionals..

CIS 4680 Introduction to Information Security and Privacy

CREDIT HOURS 3.0

PREREQUISITES CIS 2010 and instructor consent

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6, 7

DESCRIPTION This course is designed to develop knowledge and skills for security of information and information systems within organizations. It focuses on concepts and methods associated with security across several systems platforms, including internal and Internet facing networks. The course overviews critical infrastructure concepts as well as techniques for assessing risk associated with accidental and intentional breaches of security. It introduces the associated issues of ethical uses of information and privacy considerations.

CIS 4688 Protecting Business Systems and Networks

CREDIT HOURS 3.0

PREREQUISITES CIS 2010 and CIS 3260

REQUIREMENTS Must meet RCB upper division course requirements and 45

DESCRIPTION This course focuses on three specific aspects of data communication, storage and processing systems: 1) the technological underpinnings of data transmission over computer networks; 2) the known approaches to compromise and/or damage the networks; and 3) skills and methods necessary to prevent, detect and recover from network-based attacks. This course presents both theory and practice of network attack and defense, and discusses contemporary tools, techniques and methodologies of attackers and defenders alike.

CIS 4690 Information and Information Systems Security Risk Management

CREDIT HOURS 3.0

PREREQUISITES CIS 3260, CIS 4680, and CIS 4688

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course develops knowledge and skills in risk based information security management geared toward preventive management and assurance of security of information and information systems in technology-enabled environments. It focuses on risk assessments, risk mitigation strategies, risk profiling and sensitivity, quantitative and qualitative models of calculating risk exposures, security controls and services, threat and vulnerability management, financing the cost of security risks, and return on investment for information security initiatives. The course presents several risk assessment models with an ultimate goal of identifying and realizing the unique and acceptable level of information risk for an organization.

CIS 4700 Computer Information Systems

CREDIT HOURS 3.0

PREREQUISITES CIS 3001

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course focuses on advanced IT project management concepts, with particular emphasis on managing vendors, contracts, and IT project risk. The special management challenges associated with outsourced and off-shored projects are examined, along with the specific skills required to successfully manage these types of projects. Coverage will include contract law and the different contract options available, as well as the portfolio of control mechanisms that can be employed to help manage such projects. Concepts and techniques for controlling software projects and dealing with schedule and other project risks will be introduced, including Monte Carlo analysis, Earned Value Analysis, and a variety of risk assessment tools and risk mitigation approaches.

CIS 4850 Cloud Computing & Application Development

CREDIT HOURS 3.0

PREREQUISITES Varies depending on topic

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 7

DESCRIPTION This course introduces students to the design, architecture and development of cloud based computer applications. Students will learn various cloud computing platforms, services and technologies for developing applications. Students will analyze business problems, formulate cloud based solutions to the problems, implement the solutions as cloud based applications, and integrate the applications into the organizationâ⊠⊠s enterprise systems. In addition, students will practice the management of the development life-cycle of cloud based applications.

CIS 4920 Data Programming

CREDIT HOURS 3.0

PREREQUISITES CIS 2010 and CIS 3260

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course builds upon the studentâ⊠⊠s foundation of programming principles through the introduction of a programming language such as Python. It covers (1) Basics of Python and Object oriented programming,(2) Advanced concepts in Python, object oriented programming and GUI development, and (3) the use of Python libraries for data analysis.

CIS 4930 Big Data Analytics

CREDIT HOURS 3.0

PREREQUISITES CIS 4730

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION CSP: 1, 2, 3, 4, 5, 6, 7. The â⊠⊠Big Dataâ⊠⊠ revolution is underway. Technology advancements now allow companies to capture and store large amount of data (or facts) in databases and data warehouses. The management and exploitation of big data is among the top priorities of organizations. IT professionals often are unable to integrate all the data that flows through the organization and find the information needed to make critical decisions. The course uses state of the art software for the organization, analysis, and visualization of organizational data to provide the right data at the right time to improve business performance.

CIS 4970 Field Study in Computer Information Systems

CREDIT HOURS 3.0

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION CSP 1, 2, 3, 4, 5, 6, 7. 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 for students pursuing a BBA degree in CIS. This course may include a Signature Experience component.

CIS 4980 System Development Projects

CREDIT HOURS 3.0

DESCRIPTION PREREQUISITES: CIS 3001, CIS 3260 (with B- or better), CIS 3300 and CIS 3730, GSU GPA 2.5, and 15 semester hours of CIS 3000/4000-level courses. REQUIREMENTS: Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 3, 4, 5, 6, 7, 8 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 one of two alternatives for students pursuing a BBA degree in Computer Information Systems.

CSC COMPUTER SCIENCE

CSC 1010 Computers and Applications

CREDIT HOURS 3.0

PREREQUISITES high school Algebra II

DESCRIPTION This course is intended for non-computer science majors. It provides an overview of selected major areas of current computing technology, organization and use. Topics surveyed include the history of computing, data representation and storage, hardware and software organization, communications, networking, and Internet technologies, and ethical and social issues.

CSC 1301 Principles of Computer Science I

CREDIT HOURS 4.0

DESCRIPTION Prerequisite or co-requisite: MATH 1112 or MATH 1113 with a C or higher, or appropriate math placement score. Only for majors in Computer Science, Mathematics, Physics or Engineering, or minor in Computer Science. An introduction to the discipline of computer science. Computer programming is the primary focus of the course, with secondary focus on a breadth of computer science topics. These topics include algorithmic foundations, hardware concepts, virtual machine concepts, software systems, applications, and social issues.

CSC 1302 Principles of Computer Science II

CREDIT HOURS 4.0

PREREQUISITES CSC 1301 with a "C" or higher

DESCRIPTION Fundamental principles of computer programming. Expressions, procedures, variable types, data, input/output. Emphasis on structure and clarity as well as correctness.

CSC 2301 Computer Programming for Non-Majors

CREDIT HOURS 3.0

DESCRIPTION This class introduces students to computer programming. No prior programming experience is required. The class emphasizes design principles (e.g., pseudocode, stepwise refinement, object-oriented design as well as the syntax and semantics of an appropriate language. This class is for non-majors interested in obtaining some fundamental computer programming skills.

CSC 2302 Computer Programming II for Non-Majors

CREDIT HOURS 3.0

PREREQUISITES CSC 2301 with a C or higher.

DESCRIPTION This course is the second of a two-course sequence that introduces advanced computer programming. Topics include: Object-Oriented Programming, Recursion, Graphical User Interface (GUI) development, database development, and Internet and distributed computing.

CSC 2320 Fundamentals of Website Development

CREDIT HOURS 3.0

PREREQUISITES familiarity with basic programming language concepts

DESCRIPTION This course provides a foundation for developing dynamic websites and web applications. The first part covers the front-end aspects of web development: creating, designing, and publishing content using HTML, CSS, and JavaScript. The second covers the back-end aspects: using programming languages to generate, manipulate, and manage content (CGI, cookies, server-side scripting), and accessing a database using SQL for common website tasks (forms, user registration). While this course covers web development concepts that are applicable to most popular platforms, it is significantly hands-on. A major component is a final project involving implementing a dynamic website.

CSC 2510 Theoretical Foundations of Computer Science

CREDIT HOURS 3.0

PREREQUISITES CSC 1301 and (MATH 1112 or MATH 1113 or MATH 2211) with grade C or higher

DESCRIPTION This course covers the basic theoretical foundations required to study various sub-disciplines in computer science. Topics include: propositional and predicate logic with applications to logic programming, database querying, and program verification; induction and its application in proving correctness and termination of programs; recurrence relations, combinatorics, and graph theory with applications to analysis of algorithms; sets, relations, and functions and their applications in databases, functional programming, and automata.

CSC 2720 Data Structures

CREDIT HOURS 3.0

PREREQUISITES CSC 1302, MATH 2211, and CSC 2510 or MATH 2420 with grades of "C" or higher

DESCRIPTION Basic concepts and analysis of data representation and associated algorithms, including linerarly-linked lists, multi-linked structures, trees, searching, and sorting.

CSC 2920 Ethical and Social Issues in Computing

CREDIT HOURS 3.0

PREREQUISITES CSC 1301 and CSC 1302, each with a C or higher or permission of the department

DESCRIPTION This course is dedicated to the study of social, ethical, and legal effects of computing on society and its users. Ethical concepts, professional codes of ethics, and the influence of computing on individuals, organizations, and the global economy will be addressed. Students will utilize critical thinking and problem solving skills to analyze and debate case studies on topics some of which include privacy; intellectual property; computer crimes; system failures and implications; and, the impact of technology on society.

CSC 3210 Computer Organization & Programming

CREDIT HOURS 3.0

PREREQUISITES CSC 1302, and CSC 2510 or MATH 2420 with grades of "C" or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. Computer structure, assembly language and machine language, addressing techniques, macros, file I/O, program segmentation, and linkage.

CSC 3320 System-Level Programming

CREDIT HOURS 3.0

PREREQUISITES CSC 1302, and CSC 2510 or MATH 2420 with grades of "C" or higher.Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course

DESCRIPTION An introduction to programming at the level of the operating system. Topics include editors, system calls, programming tools, files, processes, interprocess communication, and shells.

CSC 3330 C++ Programming

CREDIT HOURS 3.0

PREREQUISITES CSC 3320 with grade of C or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. Continuation of fundamental principles of computer programming. Topics covered include searching, sorting, and merging. Emphasis on structure and clarity as well as correctness.

CSC 4110 Introduction to Embedded Systems Laboratory

CREDIT HOURS 4.0

PREREQUISITES CSC 3320 with grade of C or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. (Same as PHYS 4110.) Four lecture hours per week. Topics taken from: review of basic logic functions; automatic systems; microprocessor- based systems and applications; embedded system software survey; microprocessor-based applications; digital communications; and embedded systems programming.

CSC 4120 Introduction to Robotics

CREDIT HOURS 4.0

PREREQUISITES CSC 3320 and MATH 3030 with grades of C or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. The course focuses on programming robots. We will use robotic kits for the hardware, and program them using state-of-the-art languages, such as NQC.

CSC 4210 Computer Architecture

CREDIT HOURS 4.0

PREREQUISITES CSC 3210 with grade of C or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. Logic design, combinatorial and sequential circuits, input-output devices, memory, processors, controllers, parallel architectures, bit-slicing, reduced instruction sets.

CSC 4220 Computer Networks

CREDIT HOURS 4.0

PREREQUISITES CSC 3320 and MATH 3030 with grades of C or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. Introduction to computer networks; details of layered network protocols with emphasis on functionality and analysis. Principles of relevant state-of-the-art network standards.

CSC 4221 Wireless Networks & Mobile Computing

CREDIT HOURS 4.0

PREREQUISITES CSC 2720 and CSC 3320 with grades of "C" or higher.Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course

DESCRIPTION Introduction to wireless communication networks and mobile computing. Topics include: wireless communications technology; communication protocols in wireless networks; representative network types such as cellular wireless networks, wireless LANs, wireless ad hoc networks and wireless sensor networks, and mobile communication systems.

CSC 4222 Introduction to Cyber Security

CREDIT HOURS 4.0

PREREQUISITES CSC 2720 and CSC 3320 with grades of "C" or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. 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 4223 Privacy

CREDIT HOURS 4.0

PREREQUISITES CSC 2720 and MATH 3030 with a grade of C or higher

DESCRIPTION This course will study privacy in a few settings where rigorous definitions and enforcement mechanisms are being developed, including statistical disclosure limitation, semantics and logical specification of privacy policies that constrain information flow and use, principled audit and accountability mechanisms for enforcing privacy policies, anonymous communication protocols, and other settings in which privacy concerns have prompted much research, such as in social networks, location privacy and Web privacy.

CSC 4224 Ethical Hacking

CREDIT HOURS 4.0

PREREQUISITES CSC 2720 (Data Structures) and CSC 3320 (System Level Programming)

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. Introduction to the methods and techniques used by computer hackers for malicious activity and by penetration testers for defensive measures. Understanding of the techniques used by intruders will lead to the design of countermeasures for secure computer systems. Students will implement hands-on experiments to learn identification of vulnerabilities in servers, websites, wireless networks, and cryptologic systems.

CSC 4225 Internetwork Programming

CREDIT HOURS 4.0

PREREQUISITES CSC 4220 with grade of C or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. 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 4226 Introduction to Software Security

CREDIT HOURS 4.0

PREREQUISITES CSC 2720 Data Structure and CSC 3320 System-Level Programming with grades of C or better

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. This course is a study of the foundation of software security. Students will learn the characteristics of secure software, the role of security in the development lifecycle, designing secure software, best security programming practices, security for web applications, static analysis techniques, and software security testing.

CSC 4250 Malware Analysis and Defense

CREDIT HOURS 4.0

PREREQUISITES CSC 3210 Computer Organization and Programming, CSC 2720 Data Structure

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. This course will introduce students to the fundamentals of malware analysis and defense techniques. Using hands-on-experience students will attain an understanding of identifying the functionalities and behaviors of malicious software. Students will use a disassembler to decompose, execute, and trace each line of a program. They will also learn how to patch the executable file and modify its behavior for a more secure outcome. Students will also have the chance to examine the effects of different types of malicious software that run either natively on a Windows or a Linux platforms. Students will learn how to defend a system by tracing back the infection and identifying the vulnerability used to exploit and implant the malicious software within the system.

CSC 4251 Computer Forensics

CREDIT HOURS 4.0

PREREQUISITES CSC 2720 (Data Structures) and CSC 3320 (System Level Programming)

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. This course teaches how to obtain and analyze digital information for possible use as evidence in civil, criminal or administrative cases. The course covers the recovery and analysis of digital evidence, addressing legal and technical issues. Topics include applications of hardware and software to computer forensics, computer forensics law, volume and file system analysis, computer forensics investigations, and computer forensics in the laboratory.

CSC 4260 Digital Image Processing

CREDIT HOURS 4.0

PREREQUISITES CSC 2720 with grade of "C" or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. Fundamentals of image processing, including image digitization, description, enhancement, segmentation, image transforms, filtering, restoration, coding, and retrieval. Concepts are illustrated by laboratory sessions in which these techniques are applied to practical situations, including examples from industrial and biomedical image processing.

CSC 4270 Introduction to Digital Signal Processing

CREDIT HOURS 4.0

PREREQUISITES CSC 4210 with grade of C or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. This course covers the nature of information, signals, transforms, and applications. Topics include analog to digital and digital to analog conversion, data storage (such as the audio format MP3), data transforms, and filters. Applications include noise reduction, signal analysis, volume control (e.g., audio signals), and compression. We will be using computer programs to handle mathematical modeling and calculations.

CSC 4310 Parallel and Distributed Computing

CREDIT HOURS 4.0

PREREQUISITES CSC 3210 and CSC 3320 with grades of C or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. Introduction to various parallel and distributed computing paradigms, algorithms, architectures, programming environments, and tools. Hands-on programming on both shared-memory and message-passing parallel architectures.

CSC 4320 Operating Systems

CREDIT HOURS 4.0

PREREQUISITES CSC 3320 with grade of C or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. Introduction to operating systems concepts. Topics may include multiprogramming, resources allocation and management, and their implementation.

CSC 4330 Programming Language Concepts

CREDIT HOURS 4.0

PREREQUISITES CSC 2720 and CSC 3210 with a C or higher.

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. Fundamental programming language concepts, including syntax versus semantics, binding time, scopes, and storage management.

CSC 4340 Introduction to Compilers

CREDIT HOURS 4.0

PREREQUISITES CSC 2720 and CSC 3210 with grades of "C" or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. Survey of topics related to compiler design, including parsing, table processing, code generation, and optimization.

CSC 4350 Software Engineering – CTW

CREDIT HOURS 4.0

PREREQUISITES CSC 2720 with grade of "C" or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. Techniques used in large scale scientific or technical software development, including requirements analysis, specification, systems design, implementation, testing, validation, verification, and maintenance. Serves as the Critical Thinking Through Writing (CTW) course required of all computer science majors.

CSC 4360 Mobile Application Development

CREDIT HOURS 4.0

PREREQUISITES CSC 2720 with a grade of C or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. Crosslisted with CSC 6360. This course will cover the technologies, tools, frameworks and languages that are most commonly used in developing mobile applications for multiple mobile platforms. Topics include mobile application design, user interfaces, mobile application demographic and platform delivery, mobile networking, hosting infrastructure, and mobile security.

CSC 4370 Web Programming

CREDIT HOURS 4.0

PREREQUISITES CSC 3320 with grade of C or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. The course introduces the student to programming techniques required to develop Web applications. Topics include: HTML forms, JavaScript, Servlets and Java Server Pages, PHP and MySQL, Web access to Oracle databases, and XML.

CSC 4380 Windowing Systems Programming

CREDIT HOURS 4.0

PREREQUISITES CSC 3320 with grade of C or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. Development of application software within windowed environments. Concepts of programming including graphical user interfaces, event-driven architectures, and object- oriented language programming with an application programming interface.

CSC 4510 Automata

CREDIT HOURS 4.0

PREREQUISITES CSC 2720 with grade of C or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. Theory of computing devices and the languages they recognize.

CSC 4520 Design and Analysis of Algorithms

CREDIT HOURS 4.0

PREREQUISITES CSC 2720 and MATH 3030 with grades of "C" or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. Techniques for designing efficient algorithms; analysis of algorithms; lower bound arguments; algorithms for sorting, selection, graphs, and string matching.

CSC 4610 Numerical Analysis I

CREDIT HOURS 3.0

PREREQUISITES MATH 2215 with grade of C or higher and the ability to program in a high-level language

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. (Same as MATH 4610.) Nature of error; iteration; techniques for nonlinear systems; zeros of functions; interpolation; numerical differentiation; Newton-Cotes formulae for definite integrals; computer implementation of algorithms.

CSC 4620 Numerical Analysis II

CREDIT HOURS 3.0

PREREQUISITES Either MATH 3030 or both MATH 2641 and MATH 2215 with grades of C or higher, and the ability to program in a high level language

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. (Same as MATH 4620.) Gaussian Elimination for linear systems; least squares; Taylor, predictor-corrector and Runge- Kutta methods for solving ordinary differential equations; boundary value problems; partial differential equations.

CSC 4630 Introduction to Matlab Programming

CREDIT HOURS 4.0

PREREQUISITES MATH 3030 with a grade of C or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. This course is designed to give science majors experience with the Matlab programming language. Matlab is used for scientific applications involving images, sound, and other signals. No previous programming experience is needed.

CSC 4650 Introduction to Bioinformatics

CREDIT HOURS 4.0

PREREQUISITES CSC 2720, BIOL 1103K, [or BIOL 1103 and BIOL 1103L] and CHEM 1211K [or CHEM 1211 and CHEM 1211L] with grades of "C" or higher.Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course

DESCRIPTION The explosion in biological knowledge due to various genome projects and other high-throughput techniques has created entirely new fields and industries, and a need for trained computational biologists who are familiar with Biology, Statistics, and Computer Science. This course will introduce principles underlying current techniques in the analysis of different kinds of biological data. Topics include: sequence alignment, database searching, microarrays, structure analysis, and phylogenetic tree algorithms.

CSC 4710 Database Systems

CREDIT HOURS 4.0

PREREQUISITES CS 2720 with grade of "C" or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. An introduction to the fundamental concepts and principles that underlie the relational model of data. Topics include formal query languages; SQL; query optimization; relational database design theory; physical database design, integrity, security, and concurrency control.

CSC 4720 Human-Computer Interaction

CREDIT HOURS 4.0

PREREQUISITES CSC 3320 with grade of C or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. Techniques and methodologies for development of user interfaces in software systems; topics include interaction styles, interaction devices, user documentation, and interface assessment.

CSC 4730 Data Visualization

CREDIT HOURS 4.0

PREREQUISITES CSC 3320 with grade of C or higher; for all other majors, consent of instructor

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. Data visualization is about displaying data in visual forms such as charts, diagrams, or 3D models. This course is targeted towards students who are interested in using data visualization in their work as well as those who are interested in developing visualization systems. Topics include the theoretical basis (e. g. Gestalt theory, visual attention, visual complexity theories), visualization techniques (e. g. interactive maps, time series charts, scatterplot maps, trees, networks, graphs, etc.), and visualization tools (e. g. Google Chart Tools, Processing). Students will learn basic visualization principles, how to choose the right kind of display for specific purposes, and how to provide interactive features for the user interface.

CSC 4740 Data Mining

CREDIT HOURS 4.0

PREREQUISITES CSC 2720 with grade of C or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. 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 4750 Semantic Web

CREDIT HOURS 4.0

PREREQUISITES CSC 2720 with a grade of C or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. Crosslisted with CSC 6750. In-depth overview of the Semantic Web and how it can be applied. Major topics include core technical components and language constructs for the Semantic Web, linked data concepts/projects and RDF triple stores, and real world semantic Web applications.

CSC 4760 Big Data Programming

CREDIT HOURS 4.0

PREREQUISITES CSC 2720 with grade of C or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. Crosslisted with CSC 6760. This course will cover the technologies, tools, frameworks and languages that are most commonly used in Big Data Programming. Focus will be on algorithms for analyzing and mining massive datasets, graphs and social network data. Topics include the storage, management, processing and analysis of massive datasets, as well as Big Data governance, security, and privacy issues.

CSC 4780 Fundamentals of Data Science

CREDIT HOURS 4.0

PREREQUISITES CSC 2720 with a C or better

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. Introduction to the fundamental concepts of predictive data science for tabular data with qualitative and quantitative scales. Topics include: data exploration, pre-processing and visualization; analytics base table (ABT) generation; basic supervised learning algorithms (i.e. information-based learning, similarity-based learning, and error-based learning), and comparative evaluation of these algorithms.

CSC 4810 Artificial Intelligence

CREDIT HOURS 4.0

PREREQUISITES CSC 2720 and CSC 3210 with grades of C or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. An overview of techniques and methodologies in the field of artificial intelligence. Topics may include search strategies, problem solving, natural language processing, logic and deduction, memory models, learning, expert systems, knowledge representation, and robotics.

CSC 4820 Interactive Computer Graphics

CREDIT HOURS 4.0

PREREQUISITES CSC 3320 with grade of "C" or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. This course covers interactive 3D computer graphics techniques such as geometry modeling, transformation, lighting, texture mapping, graphics processing unit, shader, and user interaction.

CSC 4821 Fundamentals of Game Design

CREDIT HOURS 4.0

PREREQUISITES CSC 3320 with grade of C or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. Covers major aspects of game design such as challenges, gameplay, actions, core mechanics, worlds, characters, game balancing, user interfaces, and game genres.

CSC 4840 Computer Graphics Imaging

CREDIT HOURS 4.0

PREREQUISITES CSC 3320 with a grade of C or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. (Same as GRD 4840 and Film 4840.) Study the theories, techniques and tools for creating 3D graphics content. Topics include 3D modeling, camera, lighting, materials, texture mapping, physics based modeling, basic animation, and rendering techniques (such as tracing and radiosity).

CSC 4841 Computer Animation

CREDIT HOURS 4.0

PREREQUISITES CSC 3320 with a grade of C or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. The basics of three-dimensional computer animation including 3D modeling, lighting, texture mapping, key framing, character animation, rigid and soft body dynamics, particles, cloth, hair, fluid, etc.

CSC 4850 Introduction to Machine Learning

CREDIT HOURS 4.0

PREREQUISITES CSC 4520 with a grade of C or better

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. This course is intended to provide a general introduction to machine learning. This course will cover the fundamental concepts and principles of supervised learning, unsupervised learning, semi-supervised learning and reinforcement learning. Students will understand the basic knowledge of machine learning, be familiar with classic machine learning algorithms, and gain experience of designing and implementing methods in real scenario. 4.000 Credit hours.

CSC 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

CSC 4880 Honors Thesis: Writing

CREDIT HOURS 3.0

PREREQUISITES CSC 4870 with grade of C or higher, good standing with the Honors College and consent of instructor.Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

CSC 4920 Senior Project I

CREDIT HOURS 2.0

PREREQUISITES CSC 3320, CSC 4210, and CSC 4350 with grades of C or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. Consent of instructor may override the prerequisites in special circumstances. This course is meant to be the first part of two senior project classes. Students who enroll in this class are expected to enroll in the second part the following semester. Students will work as a team on a project, including planning the project, assigning roles, creating a time-line, literature research, acquiring equipment, and hardware and/or software design.

CSC 4921 Senior Project II

CREDIT HOURS 2.0

PREREQUISITES CSC 4920 with grade of C or higher

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. CSC 4921 consists of finishing the project from CSC 4920, followed by testing, revision, improvements, and further documentation. At the end of the semester, the team will turn in a comprehensive report detailing the project, its progress, evaluation, results, interpretation of the results, and conclusions. This report may be twice the size of the previous semester's report, since it will likely include much of the first report. Also, the team is expected to explain and demonstrate the project.

CSC 4940 Computer Science Internship

CREDIT HOURS 1.0 - 2.0

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. 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 (excluding Area G). This course may include a Signature Experience component.

CSC 4980 Topics in Computer Science

CREDIT HOURS 4.0

PREREQUISITES Consent of Instructor

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. Selected topics in Computer Science will be covered. Topics include the latest advances in computing.

CSC 4982 Undergraduate Research in Computer Science

CREDIT HOURS 4.0

PREREQUISITES at least 12 upper-division hours in computer science

DESCRIPTION Authorization required. Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. Independent investigation of topics of common interest to student and instructor. This course may include a Signature Experience component.

CSC 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

CSC 4998 Selected Topics

CREDIT HOURS 1.0 - 4.0

PREREQUISITES consent of instructor

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. No more than six credit hours may be applied toward the major. May be repeated if topics are different.

CSC 4999 Directed Readings

CREDIT HOURS 1.0 - 4.0

PREREQUISITES GPA of 3.0 or higher and consent of instructor

DESCRIPTION Students must meet the Computer Science Major Eligibility Requirement in order to enroll in this course. Directed study with a faculty member.

COOP 2000 Cooperative Education 1

CREDIT HOURS 3.0 - 12.0

PREREQUISITES Completion of Pre Co-Op courses and professional development requirements as specified by major; meet minimum grade point average for Pre Co-Op courses as specified by major; by permission only

DESCRIPTION Cooperative educational experience in full-time working environment relevant to academic major under supervision of cooperate, industrial, or governmental or non-governmental professionals with oversight by major.

COOP 3000 Cooperative Education 2

CREDIT HOURS 3.0 - 12.0

PREREQUISITES Completion of Pre Co-Op courses and professional development requirements as specified by major; meet minimum grade point average for Co-Op courses as specified by major; must have successfully completed COOP2000; by permission only

DESCRIPTION Advanced cooperative educational experience in full-time working environment relevant to academic major under supervision of cooperate, industrial, or governmental or non-governmental professionals with oversight by major.

CPS 2500 Career Development and Life Planning

CREDIT HOURS 3.0

DESCRIPTION The purpose of this course is to help students learn how to manage their career development and life planning, based on relevant theories, practice, and trends in economic, technology, and labor market development. Students obtain skills for career decision making and life planning, and adapting to the rapidly changing world of work. The goal is to facilitate personal fulfillment and satisfying interpersonal relationships through career and life planning, with special attention to multicultural issues in the world of work.

CPS 3200 Diversity and Human Relations

CREDIT HOURS 3.0

REQUIREMENTS Students pay a lab fee of $40.00

DESCRIPTION The purpose of this course it to provide students with an overview of human diversity and human relations, beginning with an examination of the nature of diversity and the roles of both genetics and culture. Attention is given to diversity issues -past, present, and future- that still need to be studied and confronted. This course will cover types of human diversity and how they are grouped, while studying their unique social, physical, intellectual and emotional attributes. This course will help students employ a multicultural perspective for examining human interaction and relations on many different levels. This course is fully online, with no course meetings. Global Perspectives Course. [Course is not repeatable. Formerly numbered CPS 2200].

CPS 3300 Interpersonal Communication Skills

CREDIT HOURS 3.0

REQUIREMENTS Students pay a lab fee of $40.00

DESCRIPTION The purpose of this course is to provide students with an overview of interpersonal communication skills, including how these skills affect individuals and groups in society. Emphasis is on personal and interpersonal strategies for understanding, appreciating, and managing communication skills in personal and career relationships. It focuses on self disclosure, perceptions, spoken and unspoken communication, listening and responding strategies and problem-solving skills. A secondary benefit of this course is examining the many ways technology and online communication intersect with and become part of interpersonal communication as interactive technologies shrink the distance between people and their respective cultures. This course is full online, with no course meetings. [Course is not repeatable. Formerly numbered CPS 2300].

CPS 3400 Career and Lifespan Development

CREDIT HOURS 3.0

REQUIREMENTS Students pay a lab fee of $40.00

DESCRIPTION The purpose of this course is to provide an overview of career and lifespan development theories and skills, and how students can employ those skills in their own career and lifespan development. The course will include how personal growth and life stages impact individuals and society, and in turn, their career choices. Emphasis is on understanding career and job choices now available, as well as personal strategies for career decision-making. This course is full online, with no course meetings. [Course is not repeatable. Formerly numbered CPS 2400].

CPS 3500 Stress and Stress Management

CREDIT HOURS 3.0

DESCRIPTION The course provides information about what stress is and the major sources of stress in daily living, the ways stress is studied, the way our bodies react to stress, and how stress is related to a variety of psychological and physical factors. The major topics to be covered include: (1) models of understanding stress; (2) how the body reacts to and defends against stress; (3) the physical, psychological, and emotional effects of chronic stress; (4) sources of stress in life changes, life habits, personality traits, and working conditions; and (5) life principles and practices which will assist in lessening the harmful effects of chronic stress.

CMIS CREATIVE MEDIA INDUSTRY STUDIES

CMIS 1301 Programming for Games I

CREDIT HOURS 3.0

PREREQUISITES MATH 1113 with a C or higher

DESCRIPTION An introduction to game programming with C#.

CMIS 1302 Programming for Games 2

CREDIT HOURS 3.0

DESCRIPTION Prerequisite:CMIS 1301 or CSC 1301, C or higher. An introduction to game programming with game engine Unity and C#.

CMIS 2000 Introduction to On-Set Film Production

CREDIT HOURS 6.0

DESCRIPTION An introduction to professional on-set film procedures, standards, and organization. Taught in conjunction with the Georgia Film Academy.

CMIS 2001 Georgia Film Academy Semester on Set

CREDIT HOURS 6.0

PREREQUISITES CMIS 2000 with a C or higher

DESCRIPTION An on-set professional film production semester experience, under the supervision of the Georgia Film Academy. This course may include a Signature Experience component.

CMIS 2100 Introduction to Games Industries

CREDIT HOURS 3.0

DESCRIPTION Survey of the history of games and the games industries, addressing physical and digital games in their industrial and critical contexts. Assignments explore the creation, marketing, and afterlives of popular videogames.

CMIS 3150 Game Programming and Development I

CREDIT HOURS 3.0

DESCRIPTION Introduction to methods of programming a two-dimensional game design using a high-level computer language and development environment. Game engine workflow for code production, game assets and testing human play. Exploration of critical texts on theories of play, testing and engineering practice of game development. Course primarily designed for BIS in Game Design and Development. Allied disciplines may also enroll.

CMIS 4000 New Ventures in Creative Media

CREDIT HOURS 3.0

DESCRIPTION Introduction to methods in creative problem solving, innovation, and human-centered "design thinking." Ideation models will be applied to conceptualize creative media technologies, business models, and content as potential business ventures. Identification of the needs and desires of audiences and customers will be obtained by observation and interview techniques. Through collaborative and individual projects, students will create multiple concept documents that will be used to test the opportunities and needs they have identified.

CMIS 4005 Media Entrepreneurship Proseminar

CREDIT HOURS 1.0 - 3.0

DESCRIPTION The seminar course provides a weekly in-depth survey of a relevant topic in media entrepreneurship, industry or innovation and the diversity of perspectives relating to that topic. Students will be given the opportunity to pitch their ideas regarding customers, financials and innovation.

CMIS 4010 Media Business Development

CREDIT HOURS 3.0

PREREQUISITES CMIS 4000 with a C or higher

DESCRIPTION This class is concentrated on taking a concept and transforming it into an actualized prototype or alpha product. You will work with visualizing techniques, peer critique, and prototyping methods to transform your ideas into working models that can be tested, transformed, and iteratively designed. You will pitch ideas, respond to critiques, find partners, and take your product into the final phases of alpha development. You will develop skills in understanding your potential customer segments, resources, partners, and revenue streams.

CMIS 4030 Managing the Creative Enterprise

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 with a C or higher

DESCRIPTION Planning, organizing, coordinating, controlling, and marketing media entities. This course is designed to track and assess current business trends and strategies in light of digital applications for the production and distribution of media.

CMIS 4050 Producing for Television

CREDIT HOURS 3.0

DESCRIPTION Provides detailed analysis of the creative, technical, and financial aspects of making and delivering a project for television. Includes finding buyers and financiers; overseeing scripting, casting, crew hiring, and location selection and management; and distribution.

CMIS 4060 Designing Immersive Media Experiences

CREDIT HOURS 4.0

PREREQUISITES CMIS 3200 with a C or higher

DESCRIPTION In this course, you will learn to construct an environment (real or virtual) which communicates clearly through the use of space, time, sound, and lighting. You will deepen your understanding or multisensory design language and learn multiple modes of storytelling and narrative development as applied to large and small environments and immersive worlds. By approaching experience design as a testable quality, you will learn how to adjust parameters of your creations to the needs of the user.

CMIS 4070 Media Analytics

CREDIT HOURS 3.0

PREREQUISITES MATH 1070 or equivalent with a C or higher

DESCRIPTION An introduction to media analytics using tools such as R. The data include popular social media platforms such as Twitter and Facebook as well as news articles. Students will also learn how to present results via data visualization.

CMIS 4080 Cross-Media Design

CREDIT HOURS 3.0

DESCRIPTION An introduction to the principles and practices of designing for multiple media and platforms. The covered media platforms include textual media (books and magazines), electronic media (TV, movies, and music), digital media (games, web, social media), and environmental media (mobile devices).

CMIS 4090 Leading a Non-profit Arts Organization

CREDIT HOURS 3.0

DESCRIPTION Prerequsite: ENGL 1102 with a grade of C or higher. Explores a broad range of topics to build competencies related to the successful leadership of a non-profit arts organization.

CMIS 4100 Game Design

CREDIT HOURS 4.0

PREREQUISITES CMIS 3150 with a C or higher

DESCRIPTION Covers major aspects of game design such as challenges, gameplay, actions, core mechanics, worlds, characters, game balancing, user interfaces, and game genres. Cross listed with CSC 4821.

CMIS 4120 Game Programming and Development II

CREDIT HOURS 3.0

PREREQUISITES CMIS 3150 with a C or higher

DESCRIPTION Advanced methods and models of game design with a high-level computer language and development environment. Workflow for programming production, physics and particle programming, implementation of finite state machine, motion capture, artificial intelligence and game data computation. Course primarily designed for BIS in Game Design and Development. Allied disciplines may also enroll.

CMIS 4140 Computer Graphics Imaging

CREDIT HOURS 4.0

PREREQUISITES CMIS 4100 and CMIS 4120, each with a C or higher; or consent of instructor

DESCRIPTION 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). Cross-listed with CSC 4840 and FLME 4840.

CMIS 4160 Computer Animation

CREDIT HOURS 4.0

PREREQUISITES CMIS 4100 and CMIS 4120, each with a C or higher; or consent of instructor

DESCRIPTION This course focuses on the basics of three-dimensional computer animation, including 3D modeling, lighting, texture mapping, key framing, character animation, rigid and soft body dynamics, particles, cloth, hair, and fluid. Cross-listed with CSC 4841.

CMIS 4180 Visual Effects

CREDIT HOURS 3.0

PREREQUISITES Game programming experience required: CSC 1302 with a C or higher for Computer Science majors; CSC 2302 with a C or higher for non-CSC majors

DESCRIPTION Introduction to methods and practice of visual effects for film and video games. Techniques and creative processes in motion capture, compositing, particle displacement, typographic, photographic and interface effects will be explored through production assignments in design and implementation for interactive levels and "cut-scene" sequences. Productions supplemented by critical readings on game play, modeling and simulation.

CMIS 4200 Data Visualization

CREDIT HOURS 4.0

PREREQUISITES For computer science majors, CSC 2310 with grade of C or higher; for all other majors, consent of instructor

DESCRIPTION Data visualization is about displaying data in visual forms (e.g., charts, diagrams, 3D models). Topics include theoretical bases (e.g., Gestalt theory, visual attention, visual complexity theories), visualization techniques (interactive maps, time series charts, scatterplot maps, trees, networks, graphs), and visualization tools (Google Chart Tools, Processing). Students will learn basic visualization principles, how to choose the right display for specific purposes, and develop interactive features for user interfaces.

CMIS 4310 Virtual Production Pipeline

CREDIT HOURS 4.0

PREREQUISITES Instructor permission only

DESCRIPTION Introduces the software production pipeline for non-linear animation that allows rapid creation of virtual environments, characters, camera and lighting perspectives that can be used in virtual and augmented reality and video game creation.

CMIS 4320 Advanced Digital Post Production for TV

CREDIT HOURS 4.0

PREREQUISITES Instructor permission only

DESCRIPTION Working collaboratively with professional sound designers and visual effects artists, students participate in professional-quality postproduction for TV distribution.

CMIS 4600 Introduction to the Music Industry

CREDIT HOURS 2.0

PREREQUISITES ENGL 1102 with a C or higher

DESCRIPTION A survey course in which students examine processes involved in the creation and consumption of music, and the vital roles individuals play in creating, managing, marketing and distributing musical products to the consumer. Topics will include but not be limited to the roles of artists, engineers, managers, promoters, producers and lawyers, as well as music licensing, retail and physical/digital distribution operations.

CMIS 4610 Promotion of Recorded Music

CREDIT HOURS 2.0

PREREQUISITES CMIS 4600 with a C or higher

DESCRIPTION Study of how the record industry relates to and makes use of various media to bring recorded music to its intended market. The course examines record promotion strategies and techniques and the environment within which promotion representatives, radio programmers and various media interact. Cross-listed with MTM 3020.

CMIS 4630 Legal Aspects of the Music Industry

CREDIT HOURS 2.0

PREREQUISITES CMIS 4600 with a C or higher

DESCRIPTION The course provides basic knowledge of legal issues relevant to the music industry. Students will learn key terminology of the music business and will gain industry acumen as it relates to legal issues in music and entertainment law. Cross-listed with MTM 3050.

CMIS 4660 Artist Representation in the Music Industry

CREDIT HOURS 2.0

PREREQUISITES CMIS 4600 with a C or higher

DESCRIPTION This course focuses on the responsibilities of the personal and business manager, booking agent, and other representatives as they relate to the development of artistsâ careers. Topics include contract negotiation, promotional packages, and securing employment within the music industry. Cross-listed with MTM 3450.

CMIS 4680 Social Media for Music & Entertainment

CREDIT HOURS 3.0

PREREQUISITES CMIS 4600, with a âCâ or higher

DESCRIPTION (The course has been designed explicitly to build on the content of CMIS 4600). Provides students with foundation and platform for how an artist's or entertainer's team would approach a social media marketing strategy and execute promotional strategy. Covers all key areas that comprise a holistic social media ecosystem.

CMIS 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or creative project. This course may include a Signature Experience component.

CMIS 4880 Honors Thesis: Writing

CREDIT HOURS 3.0 - 6.0

PREREQUISITES CMIS 4870 with a C or higher, good standing with the Honors College, and consent of instructor

DESCRIPTION Writing or production of an honors thesis or creative project. This course may include a Signature Experience component.

CMIS 4910 Special Topics in Creative Media CTW

CREDIT HOURS 3.0

DESCRIPTION May be repeated if topics vary. A maximum of six credit hours may be applied to a BIS concentration plan of study. This course emphasizes critical thinking by focusing on the iterative logics of creative media design thinking and research focused on complex creative media industries. Meets the senior capstone requirement and Critical Thinking Through Writing (CTW) requirement for the BIS Media Entrepreneurship concentration.

CMIS 4914 Special Topics in Media/Arts Entrepreneurship

CREDIT HOURS 3.0

DESCRIPTION May be repeated if topics vary. A maximum of six credit hours may be applied to a BIS concentration plan of study.

CMIS 4915 Special Topics in Advanced Technology Content Production

CREDIT HOURS 3.0 - 4.0

DESCRIPTION May be repeated if topics vary. A maximum of six credit hours may be applied to a BIS concentration plan of study.

CMIS 4980 Internship

CREDIT HOURS 1.0 - 6.0

DESCRIPTION Only students who have met the relevant BIS concentration eligibility requirements may enroll in this course without department approval. Representative field experiences in media and creative industries project work. This course may include a Signature Experience component.

CMIS 4999 Directed Readings

CREDIT HOURS 1.0 - 4.0

DESCRIPTION Writing or production of a research or creative project otherwise not catalog available. May be repeated, but only 6 CH can credit to a CMII-coordinated degree program.

CRJU CRIMINAL JUSTICE

CRJU 1100 Introduction to Criminal Justice

CREDIT HOURS 3.0

DESCRIPTION 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 2110 Policing in America

CREDIT HOURS 3.0

DESCRIPTION This course provides an introductory overview of the history, role, organization, and problems affecting public law enforcement in the U.S.

CRJU 2200 Social Science and the American Crime Problem

CREDIT HOURS 3.0

DESCRIPTION This course provides a broad theoretical and empirical overview of the American crime problem. Exploring crime from a social science perspective, the course develops a survey understanding of how the patterned influence of social institutions (family, government, schools), subcultures, and the psychology of everyday life come together to shape how society defines, organizes, and responds to crime.

CRJU 2310 Corrections

CREDIT HOURS 3.0

DESCRIPTION This course provides an introduction to the correctional process and interventions designed to prevent and control adult criminal behavior. The course also will address the philosophy and goals underlying correctional interventions, types of criminal sentencing, and penal sanctions including community-based corrections, institutional corrections, and parole.

CRJU 2700 American Criminal Courts

CREDIT HOURS 3.0

DESCRIPTION This course provides an overview of the judicial component of the criminal justice system, which focuses on the structure, role, jurisdiction, and operation of courts and the courtroom work group in the adjudicatory and appellate process at the local, state, and federal levels.

CRJU 3005 Career Planning & Management

CREDIT HOURS 3.0

DESCRIPTION Principles, methods, and practice in achieving career goals with emphasis on the exploration of career opportunities, identification of strengths, resume development, cover letter composition, interviewing, salary and benefits negotiations, networking, professional image, and the use of technology in achieving career goals.

CRJU 3020 Research Methods in Criminal Justice

CREDIT HOURS 3.0

DESCRIPTION This course provides an introduction to social science research methods as they apply to criminal justice and how to evaluate and conduct research in the study of crime and criminal justice problems. The course introduces students to the tools and vocabulary of the scientific method. Various data collection techniques used in criminological and criminal justice research are explored and critiqued both methodologically and ethically. Students will learn how to critically evaluate the quality of research products and their contribution to the fields of criminal justice and criminology, as well as to learn how to develop and test their own research problems.

CRJU 3060 Ethical Issues in Criminal Justice (CTW)

CREDIT HOURS 3.0

DESCRIPTION This course provides an examination of philosophical theories underlying ethics and how they relate to law enforcement, courts, corrections, law, criminal justice research, and principles of justice. This course is one of two Critical Thinking through Writing (CTW) courses that all Criminal Justice majors must successfully pass in order to graduate.

CRJU 3070 Race and the Criminal Justice System

CREDIT HOURS 3.0

DESCRIPTION This course will examine the relationship between race, crime, and the criminal justice system with particular attention given to theoretical issues in the literature involving race, gender, and social class; crime statistics; and bias in the criminal justice system related to arrests, prosecutions, sentencing, and incarceration. Public policy questions involving issues such as racial profiling, capital punishment, and War on Drugs also will be discussed. Cities Perspectives Course.

CRJU 3100 Introduction to Criminal Justice

CREDIT HOURS 3.0

DESCRIPTION FOR NON-CRIMINAL JUSTICE MAJORS AND NON-CRIMINAL JUSTICE MINORS 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 3210 Juvenile Offending

CREDIT HOURS 3.0

DESCRIPTION This course provides an introduction to the definition, measurement, extent, and etiology of juvenile offending. The course will focus on our understanding of individual, social, and environmental factors that contribute to crime and delinquency. Trends in juvenile offending also will be addressed.

CRJU 3350 Prisons and Jails

CREDIT HOURS 3.0

DESCRIPTION This course surveys the history and present status of correctional processing of adult offenders and the administration of adult correctional institutions in America.

CRJU 3410 Criminological Theory

CREDIT HOURS 3.0

DESCRIPTION This course provides a survey of criminological theory and practice, the nature and causation of crime, and the etiology and nature of criminal offenses and offenders.

CRJU 3610 Statistical Analyses in Criminal Justice

CREDIT HOURS 3.0

DESCRIPTION This course provides an introduction to basic statistical tools used in generate information in the field of criminal justice. The course focuses on calculating a variety of univariate, bivariate, and inferential statistics. The appropriate uses and the meaning of these statistics will also be emphasized.

CRJU 3710 Policing and Individual Rights

CREDIT HOURS 3.0

DESCRIPTION This course examines the police role in maintaining social control while simultaneously protecting the rights of citizens. It provides an overview of the authority and restraints imposed on law enforcement by the federal Constitution and Supreme Court decisions, and the rights and responsibilities afforded to individuals. Specific attention will be given to the 1st, 4th, 5th, 6th, and 14th Amendments. Topics to be discussed include the arrests, searches and seizures, interviews and interrogations, identification procedures, and the right to counsel as well as remedies for constitutional violations.

CRJU 4010 Gender in Criminal Justice

CREDIT HOURS 3.0

DESCRIPTION This course provides an examination of gender issues and the role they play in offending and criminal justice processing.

CRJU 4020 Criminal Justice Policy Analysis

CREDIT HOURS 3.0

DESCRIPTION This course is designed to introduce the student to the major concepts related to the development, implementation, and evaluation of public policy, particularly as it relates to the criminal justice system, including the history, development and operation of policing, courts/sentencing, corrections, crime prevention, offender rehabilitation, as well as issues related to drugs and crime and race and crime.

CRJU 4040 Comparative Criminal Justice Systems

CREDIT HOURS 3.0

DESCRIPTION This course provides an overview and analysis of criminal justice systems - police, courts, and corrections- in selected eastern and western nations. Global Perspectives Course.

CRJU 4070 Family Violence and Criminal Justice

CREDIT HOURS 3.0

DESCRIPTION This course examines how the criminal justice system responds to family violence. In addition to addressing causes and consequences of family violence, specific attention is given to various forms of family violence (child abuse, sibling abuse, partner violence, and elder abuse) as well as how the criminal justice system (police, courts, probation, corrections, and parole) responds to each of these types of violence. The types of policies used to prevent family violence and intervene in these cases are also examined.

CRJU 4080 Crime and the Media

CREDIT HOURS 3.0

DESCRIPTION This course explores the nature of media messages concerning crime and how media images impact both individual attitudes and public policy. Particular attention is focused on how race and gender are treated in the media. This course integrates readings, theory, media excerpts, and classroom discussions to investigate crime in the media.

CRJU 4110 Criminal Investigations

CREDIT HOURS 3.0

DESCRIPTION This course examines the origin of criminal investigation and traces the development to its present state. The course also provides an overview of the criminal investigation process from inception to culmination, including interviewing and investigation techniques and the use of forensic science to solve crimes. Special attention is given to the legal aspects of criminal investigations, including the criminal rules of evidence and Supreme Court decisions, which specify the procedures that law enforcement officers must follow when investigating crimes.

CRJU 4170 Victimology

CREDIT HOURS 3.0

DESCRIPTION This course provides an overview of the field of victimology. It covers the historical development of the study of crime victims, the causes and consequences of being victimized, as well as responses by the criminal justice system and social service agencies to crime victims. Specific types of victims and victimization are discussed within this context.

CRJU 4210 Juvenile Justice System

CREDIT HOURS 3.0

DESCRIPTION This course provides an examination of the procedural and substantive aspects of the juvenile justice system, including the legal, organizational and political responses to youth and the crimes committed by them.

CRJU 4230 Juvenile Corrections

CREDIT HOURS 3.0

DESCRIPTION This course provides an examination of the philosophy and practical application of prevention and correctional programs designed to prevent or control delinquent and other high-risk behaviors committed by youth.

CRJU 4350 Community Based Corrections

CREDIT HOURS 3.0

DESCRIPTION This course provides an examination of the history and current status of alternatives to institutional correctional programs for adults. Diversion, fines, community service, house arrest, probation, electronic monitoring, halfway houses, temporary release programs, and other treatment programs are a sample of potential topics included in this course.

CRJU 4420 Crime Typologies

CREDIT HOURS 3.0

DESCRIPTION This course provides an examination of the typological systems used in criminal justice and criminology for classifying adult and juvenile offenders, victims, offenses, organizations, and criminal justice personnel on a wide range of physical, social, legal, and psychological attributes.

CRJU 4430 White Collar Crime

CREDIT HOURS 3.0

DESCRIPTION This course provides an introduction to the various forms of crime and deviance that occur in the workplace. Consideration is given to the ways that organizational structures, work group socialization processes, and individual-level factors facilitate or enable the incidence and prevalence of employee crime occurring in the public, medical, and criminal justice sectors.

CRJU 4440 Street Crime

CREDIT HOURS 3.0

DESCRIPTION This is an advanced interdisciplinary course designed to familiarize students with issues surrounding the phenomenon of street crime in America. It covers the problem of street crime from macro and micro perspectives methodologically (quantitative vs. qualitative research) as well as conceptually (sociologically vs. psychologically for example). The course is seminar format and requires students to do a fair amount of reading in order to participate in class discussions. Topics to be covered include, but are not limited to, violent (robbery, homicide, carjacking) vs. non-violent street crime (drug dealing, drug abuse, prostitution), retaliation and the spread of violence, gangs, subcultures of violence, and offender decision-making. Cities Perspectives Course.

CRJU 4450 Drugs, Crime and Policing

CREDIT HOURS 3.0

DESCRIPTION This course examines the policing of drug crime and the relationship between drugs and other crimes such as murder, robbery, burglary, fraud, vandalism, and harassment

CRJU 4460 Serial killers

CREDIT HOURS 3.0

DESCRIPTION This course examines the phenomenon of serial homicide from both academic and popular perspectives. A detailed analysis explores types of serial murderers, including their patterns and methods of killing, as well as the characteristics of perpetrators and victims. Of special importance to this course is an understanding of the "making of a serial killer," examining the underlying psychogenetic and sociological determinants of serial murder. This course also examines investigative techniques and the use of profiling to help apprehend serial killers.

CRJU 4500 Criminal Justice Management

CREDIT HOURS 3.0

DESCRIPTION This course provides an overview of management theory, practice, and policy. Students will receive an introduction to traditional schools of organizational theory, including bureaucratic theory, scientific management, human relations, and the behavioral approach with particular emphasis on how each theoretical perspective applies to criminal justice agencies.

CRJU 4720 Law, Justice & Social Change

CREDIT HOURS 3.0

DESCRIPTION This course utilizes sociological perspectives to examine the sources and uses of law in the criminal justice system and society. Students will explore what law is using a variety of theoretical perspective. In addition, they will examine law as a dependent variable, paying special attention to social and political forces that are exerted on the law. The influence of law on the operation of the legal system also will be reviewed, with some focus on the actors in the system: police, prosecutors. The course concludes with an examination of the impact of law on society, or law as an independent variable. Specific cases will be reviewed throughout the course.

CRJU 4760 Criminal Procedure

CREDIT HOURS 3.0

DESCRIPTION This course is designed to give students a general knowledge of criminal procedure in the criminal justice process. The course provides an overview of the constitutional restraints governing the prosecution and adjudication of criminal cases in the United States. Specifically, the course examines issues raised by the prosecution and defense during the pretrial, trial, and appellate stages. Topics of discussion include pre- and post-trial motions, discovery, rules of evidence, administration of criminal sanctions, and general court procedures. The course will cover the application to criminal procedure of Supreme Court decisions interpreting the Fourth, Fifth, Sixth, and Fourteenth Amendments to the United States Constitution.

CRJU 4780 Criminal Law

CREDIT HOURS 3.0

DESCRIPTION This course is designed to give students a general knowledge of substantive criminal law. The course will introduce students to the legal idea of criminal responsibility and the concepts of required state of mind (mens rea) and prohibited conduct (actus reus). The course will discuss the substantive content, structure, and sources of major crimes against persons and property, and provide a comprehensive evaluation of various legal defenses to criminal liability under both common law (case law) and statutory law (legislative law) approaches. The course also addresses the impact of the Model Penal Code on the development of contemporary criminal law.

CRJU 4800 Mental Health Issues in Criminal Justice

CREDIT HOURS 3.0

DESCRIPTION This course provides an introduction to mental illness for criminal justice professionals. Policing people with mental disorders, mental illness issues facing the courts and corrections systems will also be covered. Special issues related to mentally disordered offenders and victims in the criminal justice system will also be addressed.

CRJU 4900 Selected Topics in Criminal Justice

CREDIT HOURS 3.0

DESCRIPTION An intensive study of current behavioral or administrative criminal justice problems and recent interventions in criminal justice. Examples of topics include interpersonal violence, information technology, drug law, data analysis, private security, or capital punishment. The course may be repeated for credit when different topics are offered.

CRJU 4910 Selected Legal Issues in Criminal Justice

CREDIT HOURS 3.0

DESCRIPTION A course of intense study on selected legal topics arising in the criminal justice system is provided.

CRJU 4915 Controversial Legal Issues in Criminal Justice

CREDIT HOURS 3.0

DESCRIPTION This course provides an intense study of selected legal topics arising in the criminal justice system. The course focuses on contemporary and controversial issues facing the legal system. Special emphasis will be placed on developing critical thinking skills, persuasive argument techniques, and advocacy skills.

CRJU 4920 Community Policing

CREDIT HOURS 3.0

DESCRIPTION This course provides an in-depth examination of the history and evolution of community policing as a social control mechanism in the United States and other nations. The course explores police and community relations with a focus on the collaborative strategies used to detect, solve, and prevent crimes.

CRJU 4930 Internship Seminar in Criminal Justice

CREDIT HOURS 3.0

PREREQUISITES For Criminal Justice majors only

COREQUISITES CRJU 4940

REQUIREMENTS 2.0 GPA

DESCRIPTION Students must register for and successfully pass both CRJU 4930 and CRJU 4940 in the same academic semester in order to graduate. This course is one of two Critical Thinking through Writing (CTW) courses that all Criminal Justice majors must complete. This course may include a Signature Experience component.

CRJU 4935 Criminal Justice Field Instruction II

CREDIT HOURS 6.0

DESCRIPTION This course is designed to provide students with the opportunity to integrate theory and practice, utilize knowledge, and confront contradictions between the conceptual and the real world. This course requires the completion of 180 hours of fieldwork. Applications for field placement must be submitted to the Internship Coordinator by the appropriate deadline: September 15 for Summer Semester; February 15 for Fall Semester, May 15 for Spring Semester. Students must register for and successfully pass both CRJU 4930 and (CRJU 4935 or CRJU 4940) in the same academic semester in order to graduate. This course may include a Signature Experience component.

CRJU 4940 Criminal Justice Field Instruction

CREDIT HOURS 3.0

PREREQUISITES For Criminal Justice majors only

COREQUISITES CRJU 4930

REQUIREMENTS 2.0 GPA

DESCRIPTION Applications for field placement must be submitted to the Internship Coordinator by the appropriate deadline: September 15 for summer semester; February 15 for fall semester; May 15 for spring semester. Students must register for and successfully pass both CRJU 4930 and CRJU 4940 in the same academic semester in order to graduate. This course may include a Signature Experience component.

CRJU 4960 Domestic Terrorism

CREDIT HOURS 3.0

DESCRIPTION This course provides an exploration into the theoretical underpinnings, groups, and control of domestic terrorism in general and violent extremism in particular in the United States. Topics generally include a review of cults, separatist groups, select international terrorists, and the role of Homeland Security in controlling extremism.

CRJU 4990 Readings in Criminal Justice

CREDIT HOURS 1.0 - 3.0

DESCRIPTION Requires consent of instructor. This course permits selected qualified students to pursue an approved topic through independent study under the direction of a faculty member.

CRJU 4995 Undergraduate Research Practicum

CREDIT HOURS 1.0 - 6.0

REQUIREMENTS Requires completion of CRJU 3020 Research Methods, 3.0 GPA, CITI certification and consent of instructor agreed to supervise research

DESCRIPTION This course permits selected qualified students to participate in a research project under the direction of a faculty mentor

EDCI 3200 Organization and Instruction of the Middle Grades Curriculum

CREDIT HOURS 3.0

DESCRIPTION Grounded in culturally relevant pedagogy, this course will introduce and examine the major programmatic and organizational features of middle schools as they relate to the educational needs of middle level students, particularly those in urban contexts. The course interactions and engagements are organized around three major themes: (a) diverse contexts of teaching and learning, (b) structure of middle level education, and (c) middle level teaching, learning, and professionalism.

EDCI 3220 Understanding and Supporting Middle School Learners

CREDIT HOURS 3.0

DESCRIPTION The focus of this course is on middle school learners and on the diversity among them (e.g., development, culture, ethnicity, language, gender, religion, SES, ability/disability). The course will also focus on the instructional, curricular, and organizational issues related to the development of each child. Major emphases include an understanding of the ways in which the teacher's expectations, knowledge, and pedagogy influence students' learning and efficacy. Middle school philosophy, the role of parents, and the role of community members are also addressed. School and community observations and participation are included.

EDCI 3250 Introduction to Teaching in Secondary Schools

CREDIT HOURS 3.0

DESCRIPTION Students examine instructional material, teaching strategies, and evaluation procedure for teaching in secondary schools. Includes experience in reflective teaching and microteaching. Introduces the secondary programmatic issues including diversity, technology, content-specific pedagogy, classroom management, and assessment. Provides grounding in concepts of professionalism, equity, and school culture. Provides initial program identity, advisement, and screening. School experiences are included.

EDCI 4100 Service-Learning in Action

CREDIT HOURS 3.0

DESCRIPTION In this course, students examine the nature of service-learning through an analysis of relevant research, theory, and practice. Students also research and evaluate their communityâ⊠⊠s needs. After synthesizing their research and needs assessment for the community, students engage in a service-learning project that is relevant to their major. Cities Perspectives Course. This course may include a Signature Experience component. (EDCI 4100 is cross-listed with EDCI 7100).

EDCI 4400 Poverty and Education

CREDIT HOURS 3.0

DESCRIPTION In this course, students study the ways that economic, historic, cultural, and social issues influence poverty and education. In particular, students address poverty and its effect on community, family, and schooling. In the class, students develop a working definition of poverty. Additionally, students explore both the American government's historic and contemporary response to poverty, as well as the ways that schools are impacted and respond to poor children.

EDCI 4600 Practicum

CREDIT HOURS 3.0 - 6.0

PREREQUISITES Students must complete all courses in Areas G.1 and G.2.

DESCRIPTION Students participate in practicum in middle or secondary schools, including observing, assisting, tutoring, microteaching, and classroom teaching. Students apply content knowledge, pedagogical skills, classroom management skills, and evaluation knowledge. This course may include a Signature Experience component. (Repeatable).

EDCI 4640 Critical Issues in Middle Grades Education-CTW

CREDIT HOURS 3.0

COREQUISITES EDCI 4700

DESCRIPTION Taken concurrently with the last semester of the student teaching experience, this course will guide the student in reflection on, and further examination of, contemporary critical issues for educators. Major emphases on middle level teaching and learning, begun in the earlier stages of the program, will receive intense attention during this semester as students integrate theory and practice on the student teaching campus. This course is a Critical Thinking Through Writing (CTW) course. This course may include a Signature Experience component.

EDCI 4650 Opening School Experience

CREDIT HOURS 0.0

PREREQUISITES EDCI 3200 and EDCI 3220 with a grade of "B" or higher

COREQUISITES EDCI 4600 and EDRD 4600

REQUIREMENTS Course is graded as satisfactory/unsatisfactory. A minimum grade of "S" is required for this course

DESCRIPTION Students gain practical experiences in the school and classroom during the weeks of pre-planning. While assisting in the classroom, students learn effective procedures for beginning the school year. This course may include a Signature Experience component.

EDCI 4700 Student Teaching in Middle Grades

CREDIT HOURS 3.0 - 9.0

PREREQUISITES Approval of the Middle Level Committee, and students must successfully complete all courses in Area G.3.

COREQUISITES EDCI 4640

REQUIREMENTS A minimum grade of "B" is required for this course.

DESCRIPTION Provides the opportunity to plan, implement, and reflect on middle grades instruction in the student's content concentration areas. Requires sustained internships across the term under the supervision of a mentor teacher and a university supervisor. This course may include a Signature Experience component.

EDCI 4750 Student Teaching in the Secondary School

CREDIT HOURS 6.0 - 9.0

REQUIREMENTS A minimum grade of "B" is required for this course

DESCRIPTION Requires the student to apply pedagogical content knowledge to the planning and implementation of instruction of secondary school students in the major area. Students demonstrate expertise at the initial teacher preparation level. This course may include a Signature Experience component.

EDCI 4810 Directed Reading in Teaching and Learning

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION Students engage in the in-depth study of appropriate topics in teaching and learning. This course may include a Signature Experience component. (Repeatable).

DHYG DENTAL HYGIENE

DHYG 1901 Dental Hygiene I

CREDIT HOURS 3.0

PREREQUISITES BIOL 2110, BIOL 2110L, BIOL 2120, BIOL 2120L, BIOL 2300, BIOL 2310, CHEM 1151, and CHEM 1151L, each with a'C' or higher

COREQUISITES DHYG 1911

DESCRIPTION This course is an introduction to the dental hygienist's role and responsibilities within the profession to include prevention of disease transmission and the dental hygiene process of care with focus on assessment and prevention techniques.

DHYG 1904 The Dental Process of Care and Medical Emergencies

CREDIT HOURS 1.0

PREREQUISITES DHYG 1901 and DHYG 1911, each with a 'C' or better

COREQUISITES DHYG 1915

DESCRIPTION This course is a continuation of the roles and responsibilities of the dental hygienist within the dental hygiene process of care including medical emergencies in the health care setting.

DHYG 1905 Dental Hygiene II

CREDIT HOURS 2.0

PREREQUISITES DHYG 1901 and DHYG 1911, each with a 'C' or better

COREQUISITES DHYG 1915

DESCRIPTION This course is a continuation of the roles and responsibilities of the dental hygienist with focus on special needs populations.

DHYG 1906 Dental Hygiene III

CREDIT HOURS 1.0

PREREQUISITES DHYG 1904, DHYG 1905, and DHYG 1915, each with a 'C' or better

DESCRIPTION Continuation of the roles and responsibilities of the dental hygienist with focus on nutrition and its relationship to general and oral health and with an emphasis on oral preventive measures.

DHYG 1911 Clinical Dental Hygiene I

CREDIT HOURS 2.0

PREREQUISITES BIOL 2110, BIOL 2110L, BIOL 2120, BIOL 2120L, BIOL 2300, BIOL 2310, CHEM 1151, and CHEM 1151L, each with a 'C' or higher

DESCRIPTION This course is a laboratory/clinical introduction to the application of infection and disease prevention methods, the dental hygiene process of care, and clinical instrumentation and assessment techniques.

DHYG 1914 Periodontics for the Dental Hygienist

CREDIT HOURS 2.0

PREREQUISITES DHYG 1901 and DHYG 1911, each with a 'C' or better

DESCRIPTION This course is designed to provide the dental hygienist with knowledge of periodontal disease in the overall health of patients with special emphasis on the inflammatory response as it relates to periodontal disease; the histopathogenesis, etiologies, classification and treatment of the disease; the role of chemotherapeutics and pain management techniques in the treatment of periodontal disease and the role of the dental hygienist in early detection and recognition of the disease process and its relationship to overall health.

DHYG 1915 Clinical Dental Hygiene II

CREDIT HOURS 2.0

COREQUISITES DHYG 1904 and DHYG 1905

DESCRIPTION Prerquisites: DHYG 1901 and DHYG 1911, each with a 'C' or better. This course provides the application of ethical and professional reasoning while delivering the dental hygiene process of care to patients in a clinical setting.

DHYG 1916 Oral Pathology

CREDIT HOURS 2.0

PREREQUISITES DHYG 1901 and DHYG 1911, each with a "C" or better

DESCRIPTION This course is a study of the principles of general and oral pathology in relationship to the manifestation of diseases in the oral cavity, to include teeth, soft tissues and supporting structures with emphasis on the role of the dental hygienist and early detection.

DHYG 1917 Clinical Dental Hygiene III

CREDIT HOURS 1.0

PREREQUISITES DHYG 1904, DHYG 1905, and DHYG 1915, each with a 'C' or better

COREQUISITES DHYG 1906

DESCRIPTION This course involves the application of ethical and professional reasoning while delivering the dental hygiene process of care to include supplemental patient services in a clinical setting.

DHYG 1921K Dental Tissues

CREDIT HOURS 4.0

PREREQUISITES Admission to the Dental Hygiene program

DESCRIPTION This course is a study of the embryological and histological development of the face, oral cavity, and the primary and permanent dentitions. The anatomy and functions of the primary and permanent dentitions and their supporting structures and the anatomy of the head and neck will be included. Instructional topics are enhanced through laboratory experiences.

DHYG 1923K Dental Radiology

CREDIT HOURS 2.0

PREREQUISITES Admission to the Dental Hygiene program

DESCRIPTION This course is a study of the principles of ionizing radiation, the principles and techniques of intraoral and extraoral radiography, interpretation of dental radiographs and environmental safety measures. Instructional topics are enhanced through laboratory experiences.

DHYG 1928K Dental Materials

CREDIT HOURS 2.0

PREREQUISITES DHYG 1904, DHYG 1905, and DHYG 1915, each with a "C" or better

DESCRIPTION This course is designed to provide the dental hygiene student with the opportunity to gain an understanding of the materials/procedures utilized to deliver supplemental patient services to patients.

DHYG 2907 Dental Hygiene IV

CREDIT HOURS 2.0

PREREQUISITES DHYG 1906 anf DHYG 1917 with a 'C' or better

COREQUISITES DHYG 2909

DESCRIPTION This course is designed to continue the development of the dental hygiene student in the roles and responsibilities of the dental hygienist with focus on advanced assessment, planning, and instrumentation skills required for the periodontal patient; focus on the study of the behavioral foundations of communication and learning theory skills related to the dental hygiene process of care, and promote continued development of critical thinking skills.

DHYG 2908 Dental Hygiene V

CREDIT HOURS 1.0

PREREQUISITES DHYG 2907 and DHYG 2909, each with a 'C' or better

COREQUISITES DHYG 2912

DESCRIPTION This course is designed to continue the development of the dental hygiene student in advanced instrumentation and critical thinking skills utilized during comprehensive care of the periodontal and special needs patients. Ethical and legal aspects of the dental hygiene profession, employability skills and the concept of lifelong learning are reinforced as students prepare to enter the profession.

DHYG 2909 Clinical Dental Hygiene IV

CREDIT HOURS 4.0

PREREQUISITES DHYG 1906 and DHYG 1917 with a 'C' or better

COREQUISITES DHYG 2907

DESCRIPTION This course focuses on the clinical application of ethical and professional reasoning while delivering the dental hygiene process of care to periodontally involved patients in various clinical settings and sites.

DHYG 2912 Clinical Dental Hygiene V

CREDIT HOURS 4.0

PREREQUISITES DHYG 2908 and DHYG 2909 with a 'C' or better

DESCRIPTION This course provides an advanced application of comprehensive ethical and professional reasoning while delivering the dental hygiene process of care with limited instructor involvement and increased emphasis on time management.

DHYG 2923 Dental Pharmacology and Anesthesiology

CREDIT HOURS 2.0

PREREQUISITES CHEM 1151, CHEM 1151L, and DHYG 1911, each with a C or better

DESCRIPTION This course is a study of the properties, dosage and effects of therapeutic drugs, analgesics and anesthetics with emphasis placed on pharmacological agents used in dentistry and office emergencies.

DHYG 2924 Public Health I

CREDIT HOURS 2.0

PREREQUISITES DHYG 1906 with a 'C' or better

DESCRIPTION This course is a survey of the methods of epidemiology used to determine the dental health of a community and an explanation of program planning to promote dental health through prevention and education. Critical review of dental research will include basic statistical methods.

DHYG 2925 Public Health II

CREDIT HOURS 2.0

PREREQUISITES DHYG 2924 with a 'C' or better

DESCRIPTION This course requires the student to implement a child and adult dental health education program utilizing the knowledge, skills and criteria acquired in DHYG 2924. In addition, students will apply basic research principles for assessment of a clinical research project.

DPP DRAWING, PAINTING, PRINTMAKING

DPP 2100 Intermediate Drawing

CREDIT HOURS 3.0

PREREQUISITES ART 1010 with grade of C or higher

DESCRIPTION Intermediate techniques, materials, and principles of drawing.

FEES $30.00

DPP 3000 Life Drawing

CREDIT HOURS 3.0

PREREQUISITES ART 1010 and ART 1020 or DPP 2100 with grades of C or higher

DESCRIPTION Structure, composition, representation, and interpretation of the human figure.

FEES $60.00

DPP 3050 Introduction to Printmaking

CREDIT HOURS 3.0

PREREQUISITES ART 1010, ART 1020, and one 1000-level art history course with grades of C or higher

DESCRIPTION Basic printmaking processes including intaglio (etching), relief (linocut), and monoprint.

FEES $50.00

DPP 3150 Intaglio/Etching & Lithography

CREDIT HOURS 4.0

PREREQUISITES DPP 3050 and ART 1010 with grade of B- or higher, or consent of instructor

DESCRIPTION Crosslisted with PRT 6050. Traditional and experimental processes including etching, aquatint, and drypoint. Lithographic printing directly from prehistoric limestone slabs.

FEES $50.00

DPP 3200 Painting with Water-Based Media

CREDIT HOURS 3.0

PREREQUISITES ART 1010 and ART 1020 or ART 1030 with grades of C or higher

DESCRIPTION Technical and organizational concerns using water-based media. May be repeated for a maximum of six credit hours.

FEES $20.00

DPP 3250 Screen Print and Experimental Printmaking

CREDIT HOURS 4.0

PREREQUISITES One DPP 3000-level course with grade of C or higher, or consent of instructor

DESCRIPTION Screen printing (serigraphy) with emphasis on photo processes, related computer skills, and painterly effects. Experimental printmaking techniques including monoprinting from wood, hand coloring, and other mixed media applications.

FEES $50.00

DPP 3300 Painting with Oil-Based Media

CREDIT HOURS 3.0

PREREQUISITES ART 1010 and ART 1020 or ART 1030 with grades of C or higher

DESCRIPTION Technical and organizational concerns using oil-based media. May be repeated for a maximum of six credit hours.

FEES $20.00

DPP 3350 Monoprinting

CREDIT HOURS 3.0

PREREQUISITES ART 1010, ART 1020, ART 1030, ART 1050, and one 1000-level art history courses with grades of C or higher

DESCRIPTION Monotype and monoprinting techniques including additive, subtractive, viscosity, stencil, photographic transfer, and multiple plate printing.

FEES $50.00

DPP 3550 Book Arts

CREDIT HOURS 3.0

PREREQUISITES ART 1010, ART 1020, ART 1030, ART 1050 and one 1000-level art history courses with grades of C or higher

DESCRIPTION Traditional Eastern and Western book structures, investigation of the book as an art form. Rudimentary papermaking, photographic transfer, and intaglio (line etching) skills.

FEES $20.00

DPP 3600 Drawing Research

CREDIT HOURS 4.0

PREREQUISITES DPP 3000 with grade of C or higher

DESCRIPTION Traditional as well as experimental investigations in drawing. May be repeated for a maximum of eight credit hours. This course may include a Signature Experience component.

FEES $20.00

DPP 3900 Selected Topics in Drawing and Painting

CREDIT HOURS 4.0

PREREQUISITES Two 2000-3000 level DPP courses with grades of C or higher

DESCRIPTION Special topics for drawing and painting majors. May be repeated for a maximum of twelve credit hours.

FEES $20.00

DPP 3950 Selected Topics in Printmaking

CREDIT HOURS 4.0

PREREQUISITES Consent of instructor

DESCRIPTION Special topics for studio art majors. May be repeated for a maximum of eight credit hours.

FEES $20.00

DPP 4500 Directed Study in Drawing and Painting

CREDIT HOURS 4.0

PREREQUISITES DPP 3200 and DPP 3300 with grades of C or higher

DESCRIPTION Individual studio problems for advanced students. May be repeated for a maximum of sixteen credit hours. This course may include a Signature Experience component.

FEES $20.00

DPP 4550 Directed Study in Printmaking

CREDIT HOURS 4.0

PREREQUISITES Consent of instructor

DESCRIPTION Individual studio problems for advanced students. May be repeated for a maximum of twelve credit hours. This course may include a Signature Experience component.

FEES $50.00

DPP 4940 Portfolio I

CREDIT HOURS 3.0

PREREQUISITES DPP 4500 or DPP 4550 with grade of C or higher

DESCRIPTION Senior-year studio experiences for B.F.A. degree candidates. Committee review.

DPP 4950 Portfolio II-CTW

CREDIT HOURS 3.0

PREREQUISITES DPP 4940 with grade of C or higher, or concurrently

DESCRIPTION Culminating studio experiences for B.F.A. degree candidates. Committee review. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all Drawing and Painting majors.

DPP 4980 Special Problems

CREDIT HOURS 3.0

PREREQUISITES Consent of instructor and of school director

DESCRIPTION Independent studies initiated by the student. May be repeated for a maximum of six credit hours.

ECE EARLY CHILDHOOD EDUCATION

ECE 3010 Introduction to Early Childhood Education

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Provides an introduction to the field, observation, and child study skills. Service learning experiences in childcare settings, elementary schools, and other educational contexts in urban communities are included. Cities Perspectives Course.

ECE 3021 Child Development

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Focuses on physical, cognitive, and affective stages of human growth and development. Introduces theories and models of behavior and development applied to the field of early childhood education. Field experiences in pre-kindergarten through fifth-grade classrooms are included.

ECE 3255 English to Speakers of Other Languages (ESOL): Cultural Foundations-CTW

CREDIT HOURS 3.0

DESCRIPTION The purpose of this course is to introduce future educators with the knowledge and skills needed to provide an effective learning environment for students who are learning English as an additional language. Course participants explore issues related to the intercultural communication process. The importance of the role of context (social, cultural, and historical) in interculture interactions is considered. Students have continuous supervised field placement in ESOL classrooms as well as in non-ESOL classrooms with significant culturally and linguistically diverse student populations. Critical Thinking Through Writing Course (CTW). Global Perspectives Course.

ECE 3360 Assessment of Classroom Learning in Early Childhood Education

CREDIT HOURS 3.0

REQUIREMENTS Students must complete the course with a grade of "C" or higher

DESCRIPTION Prererquisites: Block 1 courses. Students examine various teacher-constructed and standardized instruments used to assess student learning. Strategies for selecting and using assessment methods are emphasized. The role of instructional assessment as it relates to teaching and learning are discussed. Field experience in K-5th grades is included.

ECE 3390 Teacher as Responsible Practitioner in the 21st Century-CTW

CREDIT HOURS 3.0

PREREQUISITES Block 2 courses

DESCRIPTION Provides the student with structured processes for examining the roles and responsibilities of professional educators within 21st century contexts through systematic and reflective connections between cross-program content; field experiences; and local, national, and global educational influences. A minimum grade of â⊠⊠Câ⊠⊠ is required for this course. Critical Thinking Through Writing Course (CTW).

ECE 3400 Reading Methods in Elementary Education

CREDIT HOURS 3.0

PREREQUISITES Block 1 courses

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Provides students with core knowledge about reading methods within the broader context of all the language arts, including the development of reading during elementary years, theories relevant to learning to read, and the effectiveness of teaching skills that contribute to the development of reading. Field experiences in first-third grade are included.

ECE 3440 English to Speakers of Other Languages (ESOL): Curriculum and Instruction

CREDIT HOURS 3.0

PREREQUISITES Block 1 courses

DESCRIPTION Students examine current research, materials, curricula, and teaching methodologies in the area of ESOL instruction. Classroom application and observation are emphasized. Students have continuous supervised field placements in ESOL classrooms as well as in non-ESOL classrooms with significant culturally and linguistically diverse student population. Global Perspectives Course. This course may include a Signature Experience component.

ECE 3500 Social-Emotional Development from Infancy to Middle Childhood

CREDIT HOURS 3.0

DESCRIPTION This course examines childrenâ⊠⊠s social-emotional development from infancy to middle childhood. Attention is given to childrenâ⊠⊠s early emotional development and how it relates to social functioning within family, school and community contexts. Special attention is given to biological and environmental factors that impact childrenâ⊠⊠s early social-emotional well-being and ways that teachers, caregivers, and other adults can encourage healthy development.

ECE 3550 Children’s Literature in the 21st Century

CREDIT HOURS 3.0

DESCRIPTION The class will explore what it means to appreciate the "art"⊠⊠ of children's literature in traditional and digital texts. Students will read and discuss texts written for children. The texts could include story apps, graphic novels, new media fiction, interactive narratives, and video games. We will explore and respond to many aspects of children's literature as an aesthetic object and learn about how children construct literary meanings.

ECE 3560 Media and Children’s Learning

CREDIT HOURS 3.0

DESCRIPTION This course focuses on how children are portrayed in the media (including film, television, print, corporate marketing, and online).

ECE 3600 Language and Literacy Inquiry

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Emphasis on the language development of the young child along with strategies to promote emergent literacy through literature experiences. Includes field experience in a pre-kindergarten through fifth-grade classroom.

ECE 3601 Understanding Literacy Learning in Early Childhood and Elementary Education-CTW

CREDIT HOURS 6.0

PREREQUISITES ECE 3600 with a grade of "C" or higher

COREQUISITES ECE 3606, ECE 3607, and ECE 3662

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Provides the student with an integrated study of the theory, methodology, and instructional materials in the areas of language development, oral and written language skills, reading, and children's literature. Field experiences in kindergarten through second-grade classrooms are included. This course is a Critical Thinking Through Writing Course (CTW).

ECE 3602 Writing and Composing in the Digital Age

CREDIT HOURS 3.0

PREREQUISITES Block 1 courses

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Focus is on composing as both a print and digital practice with an emphasis on digital composition across the curriculum. A variety of methods of instruction and assessment are explored. Field experiences in third-grade through fifth-grade classrooms are included. This course may include a Signature Experience component.

ECE 3603 Mathematics Methods in Elementary Education: Primary Grades

CREDIT HOURS 3.0

PREREQUISITES Block 1 courses

DESCRIPTION Candidates will develop their mathematical content knowledge and gain understanding about children as learners of mathematics. Candidates will also learn about effective instructional methods for the mathematics content spanning the elementary primary grades curricula. This is a field-based course where candidates apply learned skills in the context of culturally diverse elementary school classrooms.

ECE 3604 Mathematics Methods in Elementary Education: Upper Grades

CREDIT HOURS 3.0

PREREQUISITES Block 2 courses

DESCRIPTION Description: Candidates will develop their mathematical content knowledge and gain understanding about children as learners of mathematics. Candidates will also learn about effective instructional methods for the mathematics content spanning elementary upper grades curricula. This is a field-based course where candidates apply learned skills in the context of culturally diverse elementary school classrooms.

ECE 3605 Social Studies Methods in Early Childhood Education

CREDIT HOURS 3.0

PREREQUISITES Block 2 courses

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Students examine objectives of various social studies programs and learn to use methods and materials appropriate for young children to accomplish these objectives. Field experiences in kindergarten through second-grade classrooms are included.

ECE 3606 Science and Inquiry in Early Childhood Education

CREDIT HOURS 3.0

PREREQUISITES Block 2 courses

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Students examine objectives of various science programs and learn to use methods and materials appropriate for young children to accomplish these objectives. Field experiences in third-grade through fifth-grade classrooms are included.

ECE 3607 Mathematics Methods in Early Childhood Education

CREDIT HOURS 3.0

COREQUISITES ECE 3601, ECE 3606, and ECE 3662

REQUIREMENTS Student must complete the course with a grade of "C" or higher

DESCRIPTION Mathematical content, methods, and materials are connected to the mathematical development of young children in grades Pre-K through fifth. Field experiences in elementary classrooms are included.

ECE 3661 Classroom Management and Practicum I: Fostering Dispositions of Responsive Educators

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Pre-service teachers develop dispositions to become responsive educators for all learners. Teacher candidates participate in field experiences that provide the opportunity to learn and demonstrate dispositions, such as, care, respect, fairness, warmth, and trust in early childhood and elementary classrooms.

ECE 3662 Classroom Management and Practicum II: Transforming Observations of Children into Practice

CREDIT HOURS 3.0

PREREQUISITES Block 1 courses

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Pre-service teachers learn to observe children systematically. Teacher candidates participate in field experiences where their emerging knowledge and understanding of children lead to their creation of responsive spaces for each child they serve. This course is focused on the cultivation of positive classroom communities honoring all learners.

ECE 3663 Classroom Management and Practicum III: Contextualizing Teaching and Learning

CREDIT HOURS 3.0

PREREQUISITES Block 2 courses

REQUIREMENTS A minimum grade of "B" is required for this course

DESCRIPTION Pre-service teachers learn to acknowledge and demonstrate their understanding of the complexity inherent in the interrelated systems of the classroom, school, family, and community in which the children and teacher grow and develop. Teacher candidates engage in field experiences in early childhood and elementary classrooms where they use evidence-based strategies appropriate for all learners.

ECE 4397 Elementary Mathematics in Dual Immersion Settings

CREDIT HOURS 3.0

PREREQUISITES Admission to the Bachelor of Science in Education (BSE) Program Dual Immersion Concentration or Department of World Languages and Cultures Foreign Language Education (FLED) Program

DESCRIPTION In this course, candidates will develop their mathematical content knowledge and gain understanding about bilingual children as learners of mathematics. Candidates will also learn about effective instructional methods for the mathematics content spanning the pre-kindergarten through five curricula. This is a field-based course where candidates apply learned skills in the context of Dual Immersion K-5 schools in urban communities.

ECE 4430 Perspectives on Child Development for Culturally and Linguistically Diverse Students

CREDIT HOURS 3.0

PREREQUISITES Admission to the Bachelor of Science in Education (BSE) Program Dual Immersion Concentration or Department of World Languages and Cultures Foreign Language Education (FLED) Program

DESCRIPTION This course focuses on physical, cognitive, and affective stages of human growth and development in culturally and linguistically diverse contexts. It introduces theories and models of behavior and development applied to the field of early childhood education. In addition, students will explore the foundations of, and current research on, Dual Immersion education in grades K-5. The class is based on a socio-constructivist view of education. Therefore, much of the learning will take place through hands-on learning in concert with peers in interactive small and whole group discussions, and responses to readings and lectures.

ECE 4440 Biliteracy: Literacy Development in Multilingual Settings

CREDIT HOURS 3.0

PREREQUISITES Admission to the Bachelor of Science in Education (BSE) Program Dual Immersion Concentration or Department of World Languages and Cultures Foreign Language Education (FLED) Program

DESCRIPTION This course focuses on the knowledge and skills needed to provide an effective learning environment for bilingual students. Course participants will explore issues related to teaching methods as they relate to language acquisition. Current biliteracy research, materials, curricula, and teaching methods will be examined with those appropriate for Dual Immersion classrooms emphasized. This is a field based course where teacher candidates apply course-based learning within the context of schools in urban communities.

ECE 4450 Content-based Curricula, Instruction and Assessment for Dual Immersion Classrooms

CREDIT HOURS 3.0

PREREQUISITES Admission to the Bachelor of Science in Education (BSE) Program Dual Immersion Concentration or Department of World Languages and Cultures Foreign Language Education (FLED) Program

DESCRIPTION This course provides students with experiences through which they will explore and investigate science and social studies relevant to Dual Immersion classrooms. Students will learn strategies for integrating the curriculum around science and social studies that are culturally relevant. The class is based on a socio-constructivist view of education. Therefore, much of the learning will take place through hands-on learning in concert with peers in interactive small and whole group discussions, and responses to readings and lectures.

ECE 4650 Opening School Experience

CREDIT HOURS 0.0 - 1.0

REQUIREMENTS Course is graded as satisfactory/unsatisfactory

DESCRIPTION A minimum grade of "S" is required for this course. Students gain practical experiences in the school and classroom during the weeks of pre-planning. While assisting in the classroom, students learn effective procedures for beginning the school year. This course may include a Signature Experience component.

ECE 4661 Student Teaching

CREDIT HOURS 3.0 - 9.0

PREREQUISITES Block 3 courses

REQUIREMENTS Students must submit a portfolio for approval

DESCRIPTION A minimum grade of "C" is required for this course. Students participate in a capstone practicum in one of the following grade levels: kindergarten, first, second, third, fourth, or fifth. This internship emphasizes the integration of developmental, curricular, and instructional principles in all areas of the curriculum. This course may include a Signature Experience component.

ECE 4662 Student Teaching

CREDIT HOURS 3.0 - 12.0

PREREQUISITES Block 3 courses

REQUIREMENTS Students must submit a portfolio for approval

DESCRIPTION A minimum grade of "C" is required for this course. Students participate in a capstone practicum in one of the following grade levels: kindergarten, first, second, third, fourth, or fifth. This internship emphasizes the integration of developmental, curricular, and instructional principles in all areas of the curriculum. This course may include a Signature Experience component.

ECE 4700 Issues in International Education

CREDIT HOURS 3.0

DESCRIPTION The course is designed to increase students' knowledge and awareness of social, economic, and political issues related to international education. Students will also examine and compare policies and practices of educational systems in various countries in the world. The course is presented and studied online. It comprises twelve units on international educational issues such as citizenship, culturalism, and multiculturalism equality and Education, inclusion and norms, values and beliefs. Each unit provides an overview of the issues associated with the topic as well as materials that outline those issues. Student/activities/projects require the gathering of data from a variety of sources, synthesizing those data and presenting a summary. Global Perspectives Course. This course may include a Signature Experience component.

ECE 4810 Directed Reading in Early Childhood Education

CREDIT HOURS 1.0 - 3.0

PREREQUISITES consent of instructor

REQUIREMENTS A directed reading form, available in the Department of Early Childhood Education, must be completed and signed by the instructor prior to registration

DESCRIPTION Focuses on individual reading on special topics in early childhood education. These topics are an extension of a previously completed course and are taught by an instructor who has taught that course. This course may include a Signature Experience component. (Repeatable).

ECON 2100 Global Economics

CREDIT HOURS 3.0

DESCRIPTION The increasing pace of globalization has led to greater integration among the countries of the world. This course is designed to introduce students to the operation of the world economy, with particular focus on current economic issues confronting various countries. The role of international organizations such as the World Bank and the International Monetary Fund will be introduced and there will be a focus on major policy challenges such as global income inequality, financial crisis, and environmental sustainability, the transition to a market economy, and the various degrees of economic union.

ECON 2105 Principles of Macroeconomics

CREDIT HOURS 3.0

PREREQUISITES MATH 1101 or MATH 1111

DESCRIPTION This course analyzes the overall performance of economic systems including output and employment levels, inflation, economic growth, international finance, and the effects of monetary and fiscal policies.

ECON 2106 Principles of Microeconomics

CREDIT HOURS 3.0

PREREQUISITES MATH 1101 or MATH 1111

DESCRIPTION This course is a systematic study of the functions of markets and prices in the production and distribution of goods and includes economic analysis of international trade, public finance, labor markets, monopoly, and poverty.

ECON 2990 Special Topics in Economics I

CREDIT HOURS 1.0 - 6.0

PREREQUISITES Consent of instructor

DESCRIPTION Studies in Economics; topics vary according to instructor. May be repeated if the topic differs.

ECON 3005 Career Planning & Management

CREDIT HOURS 3.0

DESCRIPTION Principles, methods, and practice in achieving career goals with emphasis on the exploration of career opportunities, identification of strengths, resume development, cover letter composition, interviewing, salary and benefits negotiations, networking, professional image, and the use of technology in achieving career goals.

ECON 3050 The Economics of Art, Entertainment, and Culture

CREDIT HOURS 3.0

DESCRIPTION Not available for credit in the major: may be used as a nonmajor elective depending on program. Each year Americans spend at least 120 billion hours and over $150 billion on legal forms of entertainment. In spite of this, the economic idiosyncrasies of the sector are often not well understood. This class examines the economics of the major entertainment enterprises: the performing arts and other fine arts, movies and television programming, commercial music, broadcasting, cable television, casino gambling, and more. In addition to the basic facts and microeconomic characteristics of these industries, the class discusses how the sector is impacted by the macroeconomy and public policy.

ECON 3810 Introduction to Philosophy, Political Science, and Economics

CREDIT HOURS 3.0

DESCRIPTION Prereq: None. This is an interdisciplinary course that provides an overview of some core conceptual tools used to analyze issues at the intersection of Philosophy, Politics, and Economics (PPE) and serves as the gateway course for the PPE concentration in the BIS major. Using both historical and contemporary readings, the topics covered include the moral status of markets, distributive justice, liberty and paternalism, and the use of economic models to understand the behavior of voters and policymakers.

ECON 3900 Macroeconomics-CTW

CREDIT HOURS 3.0

PREREQUISITES ECON 2105

DESCRIPTION This course applies the tools of aggregate economic analysis to the problems of the performance of the economy. The course links the theories and data to understand the causes of macroeconomic fluctuations in production, employment, inflation, and international economic relations; particular emphasis is placed on macroeconomic policy issues. This course has been designated as a CTW (Critical Thinking Through Writing) course. This course may include a Signature Experience component.

ECON 3910 Microeconomics

CREDIT HOURS 3.0

PREREQUISITES ECON 2106

DESCRIPTION This course develops models of the behavior of individual economic units, including consumers, workers, investors, and business firms, and explains how and why these units make economic decisions. Economic behavior in various types of market environments is analyzed. The implications of this behavior for the allocation of resources and for public policy are discussed.

ECON 4080 History of Economic Thought

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION An historical presentation of the economic doctrines of the physiocratic, classical, neoclassical, historical, Keynesian, and other schools of thought.

ECON 4100 Economics, Philosophy and Public Policy

CREDIT HOURS 3.0

DESCRIPTION Consent of instructor. An exploration of philosophical contents in the economic analysis and evaluation of public policy, and a demonstration on how economic analysis can be improved by an understanding of philosophy, and how economic analysis and philosophical reasoning can inform public policy.

ECON 4210 Health Economics

CREDIT HOURS 3.0

PREREQUISITES ECON 2106 or equivalent

DESCRIPTION This course analyzes resource allocation issues in the health care sector of the U.S. and other economies. The demand, production, cost, and financing of health care services are examined using a variety of conceptual and empirical models. The economic evaluation of alternative health care programs is also discussed.

ECON 4220 Environmental Economics and Policy

CREDIT HOURS 3.0

PREREQUISITES ECON 2106 or permission of instructor

DESCRIPTION This course is designed to introduce the student to a broad range of contemporary environmental problems and the design of appropriate policy responses. Environmental concerns such as declining urban air quality, water pollution, tropical rain forest destruction, and global warming are covered (topics vary according to the instructor). The role of economic development and the political and social forces determining environmental quality are explored. The effectiveness of past and present environmental policies and regulations are evaluated and contrasted with newer, more flexible approaches to improving environmental policy. This course is designed for students majoring in all disciplines who have interests in public policy as it relates to managing the environment. Global Perspectives Course.

ECON 4230 Experimental Economics

CREDIT HOURS 3.0

PREREQUISITES ECON 2106 or equivalent

DESCRIPTION This introduction to experimental economics builds upon the scientific method and the testing of economic theories via laboratory experiments. Students will gain an understanding of the extent to which basic economic theories predict actual human behavior. The relevance and impact of similar experiments and related analyses on important debates surrounding public policy issues will be examined, which include privatization, market regulation, and environmental regulation. This course may include a Signature Experience component.

ECON 4300 Economics of Cities

CREDIT HOURS 3.0

PREREQUISITES ECON 2106

DESCRIPTION The primary emphasis in the first half of the course is on the spatial organization of economic activity. Why are cities located where they are, what economic functions do they perform, and, within cities, how can we understand what goes on where, and who lives where. The tools that we develop as we deal with these questions will be essential in the second half of the course, in which we will take an economic approach to a number of policy issues that are loosely termed "urban problems" in the popular press. Cities Perspectives Course.

ECON 4350 Economics of Poverty and Public Policy

CREDIT HOURS 3.0

DESCRIPTION This course applies basic economic concepts to the study of poverty in the United States. There are three main topics: (1) measuring the extent of poverty in the United States, (2) explaining the causes of poverty, and (3) evaluating actual and potential private sector or government responses to the problem. Within this framework, topics that will be discussed include poverty and inequality, economics of the family, racial/gender discrimination and segregation, neighborhood effects, history of welfare, the incentive structure of the current and proposed welfare plans, and welfare reform.

ECON 4380 Directed Readings in Economics

CREDIT HOURS 1.0 - 6.0

PREREQUISITES ECON 2105 and ECON 2106, and consent of instructor

DESCRIPTION

ECON 4400 Public Sector Economics

CREDIT HOURS 3.0

DESCRIPTION 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 HOURS 3.0

PREREQUISITES ECON 2106

DESCRIPTION This course provides an introduction to the economic analysis of legal issues and explores the relationship of legal institutions and laws to economic efficiency and social goals, such as justice. Topics are chosen from among the following: property rights, externalities and environmental control, administrative processes, crime, contracts and liability (e. g. product liability and medical malpractice), public utility and antitrust regulations, individual rights and discrimination.

ECON 4470 Industrial Organization, Regulation, and Antitrust Economics

CREDIT HOURS 3.0

PREREQUISITES ECON 2106

DESCRIPTION The theory of government regulatory and antitrust policies and their effects on the competitive performance of the economy and the behavior of individual firms and industries. Specific topics include an economic and some legal analysis of mergers, price discrimination, predatory strategies, tying contracts, resale price maintenance, cost-benefit studies, product and worker safety, the environment, and deregulation issues in telecommunications, transportation, and other industries, with special emphasis on modern landmark cases and the role of economics in affecting public policy.

ECON 4500 Money and Credit

CREDIT HOURS 3.0

PREREQUISITES ECON 2105

DESCRIPTION A study of the role of money, credit, interest rates, and the balance of payments in determining the rate of production and employment in a nation's economy; emphasis is placed on monetary policies of the Federal Reserve System and their interaction with other elements of policy and with international economic currents.

ECON 4600 Economic Development

CREDIT HOURS 3.0

PREREQUISITES ECON 2105 and ECON 2106

DESCRIPTION This course analyzes the issues underlying vast differences in development among the nations of the world. Economic growth, subject to appropriate restraints on environmental degradation, is seen as a major instrument for improving the development of nations and the welfare of their people. The course employs elements of theories of growth, international trade and finance, industrial organization, money, as well as micro and macroeconomics to analyze causes of and prescribe cures for, underdevelopment. Global Perspectives Course.

ECON 4610 The Economy of South Africa

CREDIT HOURS 3.0

PREREQUISITES ECON 2105 and ECON 2106

DESCRIPTION This course examines the South African economy in detail. It aims to investigate reasons for the current state of this emerging economy and to assess prospects for future growth. In essence, this course is a case study in economic development. Classical and contemporary models of development and undevelopment will be examined in regards to their relevancy to the South African case. In addition, development issues such as poverty, inequality, human capital formation and trade policy will also be looked at in a South African context. The material will often be presented in a Sub-Saharan African context. That is, concurrent developments in other parts of the African continent will also be investagated and analyzed to offer points of contrast and comparison. Global Perspectives Course.

ECON 4620 Economic Studies Abroad South Africa

CREDIT HOURS 3.0

PREREQUISITES ECON 2105

DESCRIPTION This course is designed to be a brief survey of the South African economy with an emphasis on current topical issues. The course presents students with a case study in economic development. The course starts off the first week with an overview of South African history and contemporary economic issues. During the next two weeks students will travel to the Pretoria/Johannesburg area in Gauteng Province, the industrial center of the country, and the Capte Town area of the Western Cape. Through a series of lectures and site visits students will be able to asess South Africa's potential for economic growth and prosperity. Additional site visits are designed to provide students with an exposure to South African peoples and their culture. Global Perspectives Course. This course may include a Signature Experience component.

ECON 4680 American Economic History

CREDIT HOURS 3.0

DESCRIPTION (Same as HIST 4210.) An intensive study of the development of the American economy with an emphasis upon the changing structure, institutional pattern, and performance of the system.

ECON 4750 Introduction to Game Theory

CREDIT HOURS 3.0

DESCRIPTION This course introduces the basics of game theory to undergraduate students in various disciplines. It focuses on fundamentals of game theory including basic concepts and techniques, various ways of describing and solving games, and various applications in economics, political science, and business. It will help students sharpen their understanding of strategic behavior in different situations involving many individuals.

ECON 4800 International Trade

CREDIT HOURS 3.0

PREREQUISITES ECON 2106

DESCRIPTION An examination of theories of trade and empirical verification, trade and welfare, tariff and nontariff barriers to trade, common markets, and the relationship between growth and trade. Global Perspectives Course.

ECON 4810 International Finance

CREDIT HOURS 3.0

PREREQUISITES ECON 2105

DESCRIPTION A study of the foreign exchange market, the balance of payments, exchange-rate systems with particular emphasis on the current international monetary system, the international macroeconomic model, and policies for internal and external balance. Global Perspectives Course.

ECON 4870 Honors Thesis Research in Economics

CREDIT HOURS 3.0

DESCRIPTION This course may include a Signature Experience component

ECON 4880 Honors Thesis Writing in Economics

CREDIT HOURS 3.0

DESCRIPTION This course may include a Signature Experience component

ECON 4930 Mathematical Economics

CREDIT HOURS 3.0

PREREQUISITES ECON 2105 and ECON 2106, and MATH 2211 or MATH 1220

DESCRIPTION This course provides an introduction to mathematical techniques that are frequently used in economic analysis. Topics covered include differential and integral calculus and matrix algebra. Emphasis is placed on the applications of mathematics to topics in economic theory.

ECON 4941 Economics Internship

CREDIT HOURS 3.0 - 6.0

PREREQUISITES Enrollment is limited to juniors or seniors who have completed ECON 2105 and ECON 2106, and at least 6 upper-level hours of economics coursework

DESCRIPTION The academic internship provides junior and senior students with opportunities to broaden and extend their foundation knowledge from the classroom to the world of work. Placement must be approved by the department's internship coordinator, with faculty supervision during employment. This course may include a Signature Experience component.

ECON 4950 Econometrics and Applications

CREDIT HOURS 3.0

PREREQUISITES ECON 2105 and ECON 2106, and MATH 1070

DESCRIPTION An introduction to the regression model, its assumptions, limitations, and application to problems in business and economics.

ECON 4960 Economics of Work and Pay

CREDIT HOURS 3.0

PREREQUISITES 2106

DESCRIPTION This course applies economic theory to the analysis of labor markets. Topics examined include wage determination, employment and labor force growth, education and training, occupational attainment, unemployment, and the impact of discrimination, unions, and government policy on the functioning of labor markets.

ECON 4990 Special Topics in Economics II

CREDIT HOURS 3.0

PREREQUISITES Consent of instructor

DESCRIPTION Advanced studies in Economics; topics vary according to instructor. May be repeated if the topic differs.

ECON 4999 Senior Capstone in Economics

CREDIT HOURS 3.0

PREREQUISITES ECON 3900, ECON 3910 and two 4000 level ECON courses with grades of C or better or permission of the instructor

DESCRIPTION This course serves as an integrative capstone course for the economics major and should normally be taken during the student's last two semesters of study. Basic tools and methods of economics are used to understand and analyze a variety of contemporary economic problems and policy issues. The course will be organized by research modules that cover at least four of the following six broad economics topics: business policy analysis; economic history and thought; social policy and human resources; international economics and globalization; government fiscal, environmental and urban policies; and behavioral economics. This course may include a Signature Experience component.

EDBT 3020 Instructional Development in Technology/Career Education

CREDIT HOURS 3.0

DESCRIPTION Students develop skills in organizing an instructional delivery system. Prepares students to adjust instructional time and learning opportunities to provide for mastery learning in outcome-based programs. Includes assessment systems and management techniques for laboratory and classroom.

EDBT 3360 Foundations of Management and Safety in Technology/Career Education

CREDIT HOURS 3.0

DESCRIPTION Students learn the basic principles of management applied to maintenance and control of all physical facilities. This course covers how to create an efficient teaching-learning atmosphere through student participation. Topics covered include supervision, tool and material controls, accident prevention, liability and safety procedures, methods for layout of classrooms and laboratories for most effective instruction, and provisions necessary for instructional areas.

EDBT 3690 Teaching Practicum in Technology/Career Education

CREDIT HOURS 3.0

DESCRIPTION Teaching, coordinating, and directing curricular activities during the entire school day is done under the guidance and supervision of a selected teacher and/or coordinator in the specialty area of the practicum student. Course includes observation at school site and seminars on campus. This course may include a Signature Experience component.

EDBT 3700 Teaching Practicum in Technology/Career Education

CREDIT HOURS 3.0

DESCRIPTION Teaching, coordinating, and directing curricular activities during the entire school day is done under the guidance and supervision of a selected teacher and/or coordinator in the specialty area of the practicum student. Course includes observation at school site and seminars on campus. This course may include a Signature Experience component.

EDBT 3710 Teaching Practicum in Technology/Career Education

CREDIT HOURS 3.0

DESCRIPTION Teaching, coordinating, and directing curricular activities during the entire school day is done under the guidance and supervision of a selected teacher and/or coordinator in the specialty area of the practicum student. Course includes observation at school site and seminars on campus. This course may include a Signature Experience component.

EDBT 4250 Principles and Practices in Technology/Career Education

CREDIT HOURS 3.0

DESCRIPTION This course provides an orientation for guidance personnel and counselors, school administrators, career and technical educators, and general education teachers to the basic purposes and goals of career and technical education in terms of major issues and current trends pertaining to the occupational preparation of youth and adults. A brief history of social, economic, and technical forces that stimulated the development of vocational education, and areas and types of career and technical education and their functions are presented.

EDBT 4570 Instructional Strategies in Technology/Career Education

CREDIT HOURS 3.0

DESCRIPTION Introduces students to strategies and methods for delivering job-related instruction in school settings. General goals and objectives of career and technical programs at the secondary level are investigated with a special emphasis placed on objectives in the student's area of specialization.

EDBT 4660 Applied Practice in Technology/Career Education

CREDIT HOURS 3.0 - 9.0

PREREQUISITES permission of advisor or department chair

DESCRIPTION Students gain practical experience in the application of career and technology skills, knowledge, and principles to an actual situation. Development and implementation of a project related to career and technology education is required. This course may include a Signature Experience component.

EDBT 4800 Independent Study in Technology/Career Education

CREDIT HOURS 3.0 - 9.0

PREREQUISITES Prior approval by advisor or department chair required

DESCRIPTION This course provides an in-depth study of selected area(s) in career and technology education. The course is highly personalized to meet the needs and interests of the student and requires contract between student and the sponsoring faculty member.

EDUC 2110 Investigating Critical and Contemporary Issues in Education

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "C" is required for this course for an associate's degree or for entry into teacher education programs

DESCRIPTION This course engages students in observations, interactions, reflections, and analyses of critical and contemporary educational issues based on their historical and philosophical underpinnings. Students will investigate issues influencing the social and political contexts of educational settings in Georgia, including national and global perspectives. Against this backdrop, students will reflect on and interpret the meaning of education, schooling, and use of technology in a diverse culture and examine the moral, legal, and ethical responsibilities of teaching in a democracy. Students complete a 10 hour field placement and a criminal background check.

EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "C" is required for this course for an associate's degree or for entry into teacher education programs

DESCRIPTION Given the rapidly changing demographics in our state and country this course is designed to focus on 1) the nature and function of culture and social class in schooling; 2) ethical strategies for observing, analyzing, and comparing differences related to ethnicity, race, class, persons with exceptionalities, gender and sexual identity, religion, and language; 3) the influences of culture on learning, development, and pedagogy, and 4) ways to develop a culturally responsive classroom. Students complete a 10 hour field placement and a criminal background check. This course may include a Signature Experience component.

EDUC 2130 Exploring Learning and Teaching

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "C" is required for this course for an associate's degree or for entry into teacher education programs

DESCRIPTION This course is designed to provide the student with an overview of theories and research findings in the field of educational psychology with an emphasis on learning. Students will compare and contrast neurological research and various learning theories (e.g., Behaviorism, Social Learning, Cognitive Learning, Constructivism, and Information Processing) as they apply to classroom practice. Attention will be paid to the role of individual differences in learning, including development, and on ways to promote learning for all students through effective use of instructional design, technology, academic language, and assessment. Students complete a 10 hour field placement and a criminal background check.

EDUC 2152 Birth and Parenthood

CREDIT HOURS 3.0

DESCRIPTION Pregnancy, birth, and parenting; fatherhood and motherhood in a social and historical context.

EDUC 2300 Introduction to Child Development

CREDIT HOURS 3.0

DESCRIPTION This course will engage teacher candidates in the principles of child growth and development from conception through early childhood with a particular focus from birth to 5 years of age. The course will cover the major theories, principles, and research concerning the physical, cognitive, intellectual, emotional, and social aspects of development in children including typical and atypical developmental expectations. This course may include a Signature Experience component.

EDUC 3010 Introduction to Urban Education

CREDIT HOURS 3.0

DESCRIPTION This course focuses on educating students of diversity: (cultural/ethnic, language, gender, religious, socioeconomic, and ability/disability) in urban settings and the equity issues involved in educating all children. Major emphases include understanding the role of educators' expectations, knowledge and pedagogy on student expectations and learning; and on the development of viable interpersonal communication, and instructional techniques for diverse urban classrooms. Cities Perspectives Course.

EDUC 3100 Introduction to Careers in Human Learning and Development-CTW

CREDIT HOURS 3.0

DESCRIPTION Students gain knowledge of the human learning and development field, including overviews of graduate programs, internships, and careers associated with the following areas: behavior and learning disabilities, child growth and development, educational psychology, learning technologies, and physical health and activity. Topics include creation of professional resources (i.e. resumes, letters of interest, goal statements); overview of graduate programs in the disciplinary fields, and internship and career experiences associated with the disciplines. This course has been identified as a Critical Thinking Through Writing (CTW) course.

EDUC 3333 Field Experiences in International Education

CREDIT HOURS 0.0 - 3.0

REQUIREMENTS Students must participate in the international travel required for this course

DESCRIPTION Modern communication technologies have increasingly made the countries of the world more interdependent. This interdependency can be either positive or negative. This course seeks to provide students with a global perspective on education and society, and its impact on both culture and world affairs. This course will concentrate specifically on the educational system and customs of the host country. Lectures and class discussions, utilizing the student's first hand experiences, will be directed toward cultural analysis of the host country with special focus on how educational systems help shape national consciousness. Global Perspectives Course. This course may include a Signature Experience component. Cross-listed with EDUC 7777.

EDUC 4660 Field Based Research in Urban Education

CREDIT HOURS 3.0

REQUIREMENTS A grade of "C" or higher is required

DESCRIPTION This class is an introduction to the field methods of educational research, with a focus on ethnographic observation and interviewing. The methods of data collection, the social role of the field worker, the ethics of research and qualitative methodology will be addressed through a workshop approach. Students will design a proposal as the final research project for the course. Cities Perspectives Course. This course may include a Signature Experience component.

EDUC 4670 Internship in Human Learning and Development

CREDIT HOURS 3.0

PREREQUISITES permission of instructor and successful completion of EDUC 3100

REQUIREMENTS Course is graded as satisfactory/unsatisfactory. A minimum grade of "S" is required

DESCRIPTION Internship in a discipline associated with Human Learning and Development (Behavior and Learning Disabilities, Child Growth and Development, Counseling, Educational Psychology, Learning Technology, Physical Activity and Health). The course can be repeated. This course may include a Signature Experience component.

EDUC 4750 Clinical Experience

CREDIT HOURS 1.0

PREREQUISITES Successful completion of the final student teaching or practica course offered in a teacher preparation program, recommendation of program coordinator, and permission of instructor

DESCRIPTION The purpose of this course is to provide for extended clinical experience beyond the student teaching or practicum requirements included in a teacher preparation program.

EDUC 4982 Undergraduate Research in Urban Education

CREDIT HOURS 1.0 - 3.0

PREREQUISITES EDUC 4660, EPRS 4900, or Permission of the Instructor

DESCRIPTION This course provides opportunities for students to complete an inquiry project focusing on an issue in urban education. Students experience hands-on involvement in research through close participation with an experienced faculty researcher. Cities Perspectives Course. This course may include a Signature Experience component.

EPY EDUCATIONAL PSYCHOLOGY

EPY 2040 The Science of Learning: Theories, Application, and Practice

CREDIT HOURS 3.0

DESCRIPTION Explores how theory and research about learning can be applied to help students develop the learning and study strategies necessary for academic success. Topics include, but are not limited to, strategies for improvement to attention, memory, comprehension, critical thinking, and the test readiness skills needed to excel in college. Focuses on strategies that can be used in any course to improve performance.

EPY 2050 Human Growth and Development

CREDIT HOURS 3.0

DESCRIPTION Students study the research and theory on human development spanning the years from conception through adolescence. The roles played by biology, gender, and culture are examined, as is the relationship between development and the learning process.

EPY 3010 Learning, Memory, and Cognition in the Real World

CREDIT HOURS 3.0

DESCRIPTION Students examine major research findings in learning, memory, and cognition. Applications of research findings to educational and real world contexts are emphasized.

EPY 4190 Introduction to Behavior Analysis

CREDIT HOURS 3.0

DESCRIPTION Students will be introduced to the principles of behavior analysis as they apply to various settings. Students will learn the basics for identifying behavior, for determining variables controlling the behavior, for changing behavior, and for determining if a change in behavior is a result of an intervention or of some other variable.

EPY 4360 Learning and Development During Adolescence

CREDIT HOURS 3.0

DESCRIPTION The course provides a topical survey of the major transitions of adolescent development and their ecological contexts. In other words, this course will address (1) major physical, cognitive, and social transitions at the individual level, and (2) the contexts in which these transitions take place. For each topic covered, emphasis will be placed on the relationship between adolescent development and learning.

EPY 4450 Culture and Cognition

CREDIT HOURS 3.0

PREREQUISITES EPY 2040, EPY 2050, EDUC 2130 or consent of the instructor

DESCRIPTION This course investigates culture, cognition, and the dynamic interplay between them. In this class, students will explore how individuals form conceptions of self and others, as well as how people relate to others. Course topics include issues related to educational psychology such as language and perception, the role of culture in knowing and learning, and issues involving home and school culture.

EPY 4790 International Experiences and Issues in Education

CREDIT HOURS 3.0

DESCRIPTION This course explores issues in international education through a study abroad experience and coursework. Students will participate in an international experience that promotes understanding multicultural perspectives, global citizenry, and comparative education. The course will focus on the educational and cultural context of the host country. Course experiences may include teaching, classroom or clinic observation, field experiences, and/or service-learning. Students must satisfy all pre-requisite course and travel preparations as designated by the university and course instructor. Additional course requirements will be specified in the course syllabus.

EPY 4810 Directed Readings and Research in Educational Psychology

CREDIT HOURS 1.0 - 3.0

DESCRIPTION Students study selected areas. The directed reading or research may not extend beyond one term. (Repeatable).

EPY 4960 Seminar in Educational Psychology

CREDIT HOURS 3.0

PREREQUISITES EPY 2040, EPY 2050, EDUC 2130, or consent of instructor

DESCRIPTION Topics will vary each time the course is taught (examples of possible topics include autobiographical memory, culture and cognition, metacognition, etc). Students will read and discuss primary source articles as well as chapters to gain a deeper understanding of the specific topic taught in any given term. Students will participate in class through discussions, presentations, writings, and special topic projects. (Repeatable).

EPY 4970 Seminar in Adult Literacy

CREDIT HOURS 3.0

PREREQUISITES EPY 2040 or EPY 2050 or EDUC 2130

DESCRIPTION The course is a seminar in about adult literacy. Students will learn about the prevalence of adult low literacy in the United States and around the world, how adult literacy is measured, how adult literacy instruction is provided, and other topics of interest related to adult literacy. Students will read and discuss primary source articles as well as chapters to gain a deeper understanding. Students will participate in class through discussions, presentations, writings, and special topic projects.

ENGR 1211 Engineering Graphics & Design I

CREDIT HOURS 3.0

PREREQUISITES MATH 1113 with a grade of "C" or better, or concurrently

DESCRIPTION An introduction to engineering graphics and design, this is the first of a two-course sequence, offering hands-on instruction in the use of an industry-leading computer-aided design software system to produce two-dimensional drawings. Topics include the fundamentals of engineering graphics and design, geometric construction, the engineering design process, and drawing composition with emphasis on industry practice.

ENGR 1212 Engineering Graphics & Design II

CREDIT HOURS 3.0

PREREQUISITES ENGR 1211 and MATH 1113, each with a 'C' or better

DESCRIPTION A continuation of ENGR 1211, this course introduces the principles of computer-assisted graphics and engineering design, with emphasis on the fundamentals of the design process. Integrates the creation of multiview and orthographic drawings with freehand sketching and two- and three-dimensional modeling techniques, using industry standard computer-assisted graphics and design software. Orthographic and isometric projections, auxiliary and section views, dimensioning and tolerancing practices, holes, gears and threaded fasteners are presented, focusing on engineering models and manufacturing processes.

ENGR 1603 Introduction To Engineering

CREDIT HOURS 3.0

PREREQUISITES MATH 1113 with a 'C' or better

DESCRIPTION This course provides students with an overview of various engineering disciplines to assist them in making well-informed career choices in the profession. Key topics include exploring the nature of the field and career opportunities in civil, chemical, electrical, mechanical, and other major disciplines, tools of technical communication, recording and analyzing data, dimensional analysis, computational techniques of approximate solutions, and basic statistical tools for quality control.

ENGR 1671 Computing Fundamentals for Engineers

CREDIT HOURS 3.0

PREREQUISITES CSC 1301 and PHYS 2211K or PHYS 2211 and PHYS 2211L, each with a 'C' or better

DESCRIPTION This course introduces computing principles and programming practices with an emphasis on the design, construction, analysis, and implementation of algorithms in engineering problem-solving using a high level programming language appropriate to engineering.

ENGR 2040 Electric Circuit Analysis

CREDIT HOURS 3.0

PREREQUISITES PHYS 2212K or PHYS 2212 and PHYS 2212L with a 'C' or better

COREQUISITES MATH 2652 with a 'C' or better

DESCRIPTION This course is an introduction to the analysis of electrical circuits and networks. Topics include resistive circuits, network topology, network analysis, capacitive and inductive circuits, AC circuits, AC power, time- and frequency-domain analysis, mutual inductance, and one- and two-port networks.

ENGR 2605 Statics

CREDIT HOURS 3.0

PREREQUISITES PHYS 2211K or PHYS 2211 and PHYS 2211L, each with a 'C' or better

COREQUISITES MATH 2432 with a 'C' or better

DESCRIPTION The principles of statics in two and three dimensions are covered. Other topics are internal forces in trusses, frames, machines, and continuous beams, dry friction, and centroids or centers of mass of curves, areas, and volumes.

ENGR 2606 Dynamics

CREDIT HOURS 3.0

PREREQUISITES ENGR 2605 and MATH 2212, each with a 'C' or better

DESCRIPTION Topics of study include kinematics and kinetics of rigid bodies in plane motion.

ENGL ENGLISH

ENGL 0999 Support for English Composition

CREDIT HOURS 1.0

DESCRIPTION This course is intended to provide corequisite support for students requiring remediation in English while they are enrolled in ENGL 1101 (English Composition I), focusing on grammar and composition skills that are necessary for success in English 1101. Enrollment in a specific paired section of ENGL 1101 is mandatory.

ENGL 1101 English Composition I

CREDIT HOURS 3.0

DESCRIPTION A composition course designed to increase the student's ability to construct written prose of various kinds. Focuses on methods of organization, analysis, research skills, and the production of short argumentative and expository essays; readings consider issues of contemporary social and cultural concern. Passing grade is C.

ENGL 1102 English Composition II

CREDIT HOURS 3.0

PREREQUISITES ENGL 1101 with grade of C or higher

DESCRIPTION A composition course designed to develop writing skills beyond the levels of proficiency required by English 1101. Stresses critical reading and writing and incorporates a variety of more advanced research methods; readings will be drawn from a wide variety of texts. Passing grade is C.

ENGL 1103 Advanced English Composition

CREDIT HOURS 3.0

PREREQUISITES Admission by permission of department or Honors College

DESCRIPTION A passing grade is C. This course is designed to develop students' ability to construct written texts on a sophisticated level. It emphasizes critical reading and writing of various sources and incorporates advanced research methods. In addition, it emphasizes advanced rhetorical issues, including invention strategies, arrangement, selecting and analyzing evidence, and developing appropriate style.

ENGL 2105 Workplace-Based Research and Writing

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 taken concurrently or completed with C or higher (or equivalent)

DESCRIPTION This course introduces students to qualitative research methods and workplace-based writing. It is a class in critical thinking and complex problem solving as well as a writing-intensive class. Students will also encounter the basics of data visualization and the practice of creating effective slides for presentations.

ENGL 2110 World Literature

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 with C or higher (or equivalent)

DESCRIPTION A survey of important works of world literature.

ENGL 2120 British Literature

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 with C or higher (or equivalent)

DESCRIPTION Historical survey of literature from the British Isles, with consideration of literary genres, conventions, and modes. Issues such as language change, periodization, canon formation, national identity, and the interrelationships between literature and other elements of culture.

ENGL 2130 American Literature

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 with C or higher (or equivalent)

DESCRIPTION Historical survey of literature from the United States, with consideration of literary genres, conventions, and modes. Issues such as periodization, canon formation, national identity, and the interrelationships between literature and other elements of culture.

ENGL 2160 Studies in Popular Culture

CREDIT HOURS 3.0

DESCRIPTION Prerequisite or corequisite: 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 2600 Creative Writing

CREDIT HOURS 3.0

PREREQUISITES ENGL 1101 with a 'C' or better

DESCRIPTION Focusing on the writing of original fiction and poetry, this course may also consider drama, screenwriting, and creative non-fiction. Workshop sessions, contemporary performances, and representative readings in a variety of genres and publications are included.

ENGL 3040 Introduction to Literary Studies

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for majors): ENGL 1102 with grade of C or higher, or equivalent. Materials, methods, and terminology used in the discipline of literary studies. This course develops the skillset required for effective critical writing and introduces the forms, genres, critical theories available for advanced interpretation and analysis.

ENGL 3050 Introduction to Rhetoric and Composition

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 with grade of C or higher, or equivalent

DESCRIPTION Introduces students to key terms, figures, and events in the global history of practicing and teaching rhetoric, with examination, through reading and critical writing, of the legacy of communication technologies from ancient to contemporary cultures. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all English majors.

ENGL 3080 Persuasion: History, Theory, Practice

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for non-majors): ENGL 1102 or ENGL 1103 with grade of C or higher. Introduces students to studies in analyzing written arguments, studying argumentation theories, and producing persuasive texts for specific audiences. Includes global readings from ancient to contemporary times.

ENGL 3090 Exposition: History, Theory, Practice

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for non-majors): ENGL 1102 or ENGL 1103 with grade of C or higher. Introduces students to studies in analyzing expository genres, studying theories of expository writing, and producing nonfiction texts for specific audiences. Includes global readings from ancient to contemporary times.

ENGL 3100 Composition Studies: History, Theory, Practice

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for non-majors): ENGL 1102 or ENGL 1103 with grade of C or higher. Introduces students to historic and current theories for composing and teaching writing, with emphasis on key figures and movements in the history of composition studies.

ENGL 3105 Practical Grammar

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 or ENGL 1103 with grade of C or higher

DESCRIPTION Recognizing and describing sentence components, syntactical relationships, and other verbal patterns. Application of grammatical principles to editing problems and literary analysis.

ENGL 3110 Technical Writing

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for non-majors): ENGL 1102 or ENGL 1103 with grade of C or higher. Intensive study of scientific and technical style; practice at various formats, including reports, proposals, instructional manuals, and professional papers.

ENGL 3115 Multimodal Composition

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 or ENGL 1103 with Grade of C or higher

DESCRIPTION Introduces students to the theory and production of digital media and document design using multiple modes of communication. Includes reading, analyzing, and creating multimodal productions that relate to the history and practice of composition in our current cultural moment.

ENGL 3120 Digital Writing and Publishing

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for non-majors): ENGL 1102 or ENGL 1103 with grade of C or higher. Introduces students to the study and practice of digital writing, design and publishing through the use of new media, web 2.0, and mobile technologies. Includes new media theory and explores how we write, publish, and interact with others.

ENGL 3125 Digital Media Studies

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for non-majors): Eng 1102 or 1103 with a C or higher. Foundations for understanding contemporary computational media and network culture through case studies, project work, and critical readings. May be repeated for credit if topic varies.

ENGL 3130 Business Writing

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for non-majors): ENGL 1102 or ENGL 1103 with grade of C or higher. Advanced composition applied to business writing techniques and problems.

ENGL 3135 Visual Rhetoric

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for non-majors): ENGL 1102 or ENGL 1103 with grade of C or higher. Introduces students to visual communication practices and digital culture. Includes theory, analysis, and production of visual media genres such as digital documentary, built/virtual environments, digital archives, and graphic narratives.

ENGL 3140 Editing for Publication

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for non-majors): ENGL 1102 or ENGL 1103 with grade of C or higher. Skills and resources needed for preparing unpublished documents for publication. May include academic publishing, textual editing, and commercial applications.

ENGL 3150A Introduction to Creative Writing – Poetry

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for non-majors): ENGL 2110, ENGL 2120 or ENGL 2130 with grade of C or higher. Introduction to the writing of poetry for the novice writer; practice in styles, points of view, and structure.

ENGL 3150B Introduction to Creative Writing – Fiction

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2110, ENGL 2120 or ENGL 2130 with grade of C or higher. Introduction to the writing of fiction for the novice writer; practice in styles, points of view, and structure.

ENGL 3150C Introduction to Creative Writing: Poetry & Fiction

CREDIT HOURS 3.0

PREREQUISITES ENGL 2110, ENGL 2120, or ENGL 2130; each with a C or higher

DESCRIPTION Introduction to the writing of poetry and fiction for the novice writer; practice in styles, points of view, and structure.

ENGL 3160 Narrative Techniques

CREDIT HOURS 3.0

PREREQUISITES ENGL 3150B or ENGL 3150C with grade of C or higher

DESCRIPTION For the student with a special interest in short fiction. Studies in character development, story, plot, and point of view; critiques of professional and student work.

ENGL 3170 Poetic Techniques

CREDIT HOURS 3.0

PREREQUISITES ENGL 3150A or ENGL 3150C with grade of C or higher

DESCRIPTION For the student with a special interest in poetry. Studies in figurative language, symbol, metrics, and various poetic forms; critiques of professional and student work.

ENGL 3180A Contemporary Poetry

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for non-majors): ENGL 2120 or ENGL 2130 with grade of C or higher. Study of important voices in contemporary American and English poetry, with discussion of current literary climates.

ENGL 3180B Contemporary Fiction Craft

CREDIT HOURS 3.0

PREREQUISITES ENGL 3150B or ENGL 3150C and ENGL 2120 or ENGL 2130 with grades of C or higher

DESCRIPTION Study of fiction technique through the reading and analysis of contemporary fiction. Designed for fiction writers.

ENGL 3195 Teaching in English Studies

CREDIT HOURS 3.0

PREREQUISITES ENGL 2120, ENGL 2130, ENGL 2140, or ENGL 3040; each with a C or higher

DESCRIPTION This course gives students a foundation in the philosophy and practice of teaching English Studies in secondary education or in other educational settings for literacy learning, which includes teaching reading (text interpretation and explication) and writing (approaches to producing academic and creative writing).

ENGL 3210 Advanced Grammar

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION Readings in various areas of language study; focus on syntax of modern English grammar. Especially recommended for those who expect to teach secondary English.

ENGL 3220 History of the English Language

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION 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 3225 The History and Future of the Book

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION From ancient scrolls to digital narratives, the forms that literature takes influences how and what people write and read. This course examines the development of the book-making process and questions what a â⊠⊠bookâ⊠⊠ is. Exploring diverse case studies from the Gutenberg Bible to Fifty Shades of Grey, this course considers books as active, social objects that can be examined in a variety of ways including traditional analysis and digital text analysis.

ENGL 3230 History of Literary and Cultural Theory

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION Monuments of western literary criticism in the context of questions raised by recent literary theory. We discuss major works of literary criticism and theory from Plato to New Criticism, including analysis of Aristotle, Sidney, Samuel Johnson, Wordsworth, Kant, Hegel, Marx, Nietzsche, Arnold, Freud, Jung, Woolf, De Beauvoir, and others. We will focus on comprehension of challenging texts while also reframing classical problems of criticism and theory in light of recent theoretical developments.

ENGL 3250 Topics in Contemporary Theory

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION 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 3255 Introduction to Digital Humanities

CREDIT HOURS 3.0

PREREQUISITES Eng 1102 with a grade of C or higher

DESCRIPTION This course will provide students with an introduction to a range of digital approaches and conceptual frameworks relevant to research in the humanities, and how to both build and take part in the conversation about the issues, debates, ideas, and projects in their field. Students will develop a sense of the possibilities at the intersection of computation and the humanities and will be grounded in the global history of this work in media, information, and cultural studies, and how computation connects to close reading and analytical, critical thinking.

ENGL 3256 Advanced Topics in Digital Humanities: Electronic Literature and Interactive Fiction

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 C or higher and ENGL 3255, or permission of instructor

DESCRIPTION This course teaches students how to read and critique interactive narratives, the systems necessary for the production of computational and generative interactive media, how to develop a work of electronic literature, and the critical literature that surrounds those productions.

ENGL 3260 Theories of Popular Culture

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION Theories of mass cultural and their practical applications to the analysis of cultural production. May include such phenomena as popular fiction, the built environment, and the popular media.

ENGL 3266 British-American Culture Seminar II

CREDIT HOURS 3.0 - 4.0

PREREQUISITES British and American Cultures Program concentration, or consent of English or History program advisor

DESCRIPTION (Same as HIST 4961.) Analyzes literary and/or historical themes from the perspectives of American and British authors, historical figures, and literatures. Offered by the English and History Departments.

ENGL 3275 Literature and Culture of the American South

CREDIT HOURS 3.0

PREREQUISITES British and American Cultures Program concentration, or consent of English or History program advisor

DESCRIPTION A selection of writing from the South from colonial times through the twentieth century. The purpose of the course is to examine the region through the vision of its authors.

ENGL 3280 English Drama before 1800

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION Dramatic literature selected from the beginnings of English drama through the eighteenth century. Possible topics include medieval drama, the Elizabethan and Jacobean stage, Restoration drama, and the emergence of professional theater.

ENGL 3290 English Fiction before 1800

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION Fiction selected from the beginnings of the English novel or short story through the eighteenth century. Possible topics include the emergence of the novel as a form, the function of satire in popular culture, the history of publishing, and the role of the fiction in the history British imperialism.

ENGL 3300 Medieval English Literature

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION 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 3310 Old English

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION When did literature in English begin. We look back a thousand years to when "England" was just beginning to be imagined and "English" was so different that it seems like a foreign language. Study the rudiments of the Old English language and explore medieval manuscripts using the many digital resources available today. Read heroic poetry celebrating the feats of dimly remembered heroes, stories of voyages to exotic places, and the miraculous lives of saints.

ENGL 3350 Literature and War

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION From Homer's Odyssey and Virigl's Aneid, to Julius Caesar's account of his wars in Gaul, to monster fighting in Beowulf or the idealized chivalric combat of the high middle ages, to the revolutionary upheavals of early modernity or the horrors of industrialized conflict, war has been a persistent setting and theme for Western literature. Can there be a "just" war. Can violence be controlled without more violence. This course examines texts that explore the relationship between violence and civilization.

ENGL 3400 Courtiers, Clergy, and Poets

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION A savvy female monarch, a burgeoning global empire, and the introduction of printed books: this course examines one of the greatest and most formative periods in English literary history. Writing focused on and emerged from three principal venues: the church, the court, and the stage. Read works by such authors as Elizabeth I, Thomas More, Philip Sidney, Edmund Spenser, Christopher Marlowe, and William Shakespeare.

ENGL 3410 Seduction, Revolution, and the Rise of Science

CREDIT HOURS 3.0

PREREQUISITES ENGL 2120 or ENGL 2130 with grade of C or higher (for majors)

DESCRIPTION When, on the morning of 30 January 1649, Charles I was led onto the scaffold outside St. James?s Palace and publicly executed, England was suddenly without a monarch. This course studies how various writers responded to?and were shaped by?some of the nation?s most violent and turbulent decades. It was a period in which sensual poetry flourished and modern scientific writing was published for the first time. Read works by such authors as Francis Bacon, John Donne, George Herbert, Thomas Hobbes, Aemilia Lanyer, Andrew Marvell, and John Milton.

ENGL 3420 Mythology

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION This course focuses on classical myths, examines how Virgil and Ovidâ⊠⊠s stories subsequently developed in the works of both several early modern English writers, and explores how classical myths continue to shape and enrich our popular culture. Why did the Romans tell the myths that they did. And how and why do some myths and stories persist, change, or serve new purposes?.

ENGL 3500 Restoration and Earlier Eighteenth-Century English Literature

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION Selected works by such authors as Dryden, Swift, Pope, and Lady Mary Wortley Montague.

ENGL 3510 Later Eighteenth-Century English Literature

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION Selected works by such authors as Johnson, Boswell, Burney, Goldsmith, and Gray.

ENGL 3520 Life Writing

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION Explore the emergence of biography and autobiography as a genre. This course examines the ways individual and cultural memory shapes the individual sense of self and discuss complex relationships between text and writer.

ENGL 3550 Early Indigenous Literatures

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION Survey of early Indigenous literatures of the Americas through the Removal period of the 1820s, paying special attention to alternate literacies including but not limited to creation stories, glyph texts, oral literatures, earthworks, and tribal rhetorical traditions. We also address historical debates about colonialism, cultural appropriation, and tribal sovereignty. Selected texts and authors could include The Popol Vuh, The Codex Borgia, Codex Bodley, Totkv Mocvse/New Fire: Creek Folktales, Blacksnake, Samson Occom, William Apess, and Elias Boudinot.

ENGL 3600 Early Romanticism

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION Prose and poetry from the late eighteenth century with a particular focus on literature related to abolition, the French Revolution, and revolutionary ideas about human connections to nature. This course fulfills the pre-1800 requirement for English majors. Emphasis on authors such as William Blake, Mary Wollstonecraft, and Olaudah Equiano.

ENGL 3605 Late Romanticism

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION Prose and poetry from the early nineteenth century a period when the Industrial Revolution advanced rapidly, the British Empire expanded widely, the scientific discovery progressed quickly. We will look at how authors responded to the huge historical shifts with new, radical forms of literature. Authors will include John Keats, Mary Shelley, and Lord Byron.

ENGL 3610 Love and Death in Victorian Poetry

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION Survey of poets from the Victorian period. Poets of this era sought to create taste and value, to construct gender definitions, to forge national identity, and to reflect on love and mortality. Early in the twentieth century, Freud hypothesized that two dominant impulses drove human experience the drive to life and the drive to death. This course will test Freud's hypothesis against the poetry of love and death so central to Victorian experience.

ENGL 3620 Victorian Novels

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION Novels by authors such as Dickens, Bronte, Thackeray, Eliot, Collins, Gaskell, Trollope, James, and Hardy.

ENGL 3630 Haunted Texts

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION Ghost stories, gothic fiction, and other literary nightmares. This course explores the haunted spaces and macabre visions found throughout Anglophone writing. Since ghost fictions so often reflect the anxieties that societies and individuals must address, we examine haunted texts in order to uncover the stories they tell about the cultures that produce them. Emphasis on writers such as Poe, Collins, James, Bronte, Bowen, Jackson, Lovecraft, Rushdie, and Atwood.

ENGL 3690 Honors Readings

CREDIT HOURS 1.0 - 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher; good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and readings on selected topics.

ENGL 3695 LGBTQ Literature

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION Literature written by LGBTQ authors and other texts addressing queer identities and experiences. Emphasis on writers such as Wilde, Cather, Forster, Woolf, Baldwin, Auden, Williams, Ginsberg, Bechdel, Hwang, and Eugenides.

ENGL 3700 Early Twentieth-Century British Literature

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION 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 womenâ⊠⊠s suffrage.

ENGL 3710 Late Twentieth-Century British Literature

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION Selected works by writers from Great Britain, Ireland, South Asia, and other English-speaking regions. Writers such as Churchill, Friel, Ishiguro, Lessing, Rushdie, Stoppard, Walcott, and Winterson; issues such as postmodernism, responses to political violence, decolonization, and diaspora.

ENGL 3720 Twentieth-Century English Poetry

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION Selected works by poets such as Yeats, H.D., Eliot, Auden, Thomas, Smith, Plath, Larkin, and Heaney.

ENGL 3800 Early American Literature

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION 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 Romantics

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION Selected works by antebellum American writers. Possible topics include race and slavery, poetry and politics, and importance of â⊠⊠natureâ⊠⊠ in American writing. Emphasis on writers such as Poe, Fuller, Emerson, Thoreau, Hawthorne, Melville, Stowe, Douglass, Dickinson, and Whitman.

ENGL 3820 Realism and Naturalism

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION Selected works by American writers of the later nineteenth and early twentieth centuries. Possible topics include the social function of realist fiction, depictions of race and gender, and emergence of regional literatures. Emphasis on writers such as Chesnutt, Twain, James, Wharton, Crane, Dreiser, Chopin, Dunbar, and Johnson.

ENGL 3830 American Modernisms

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION Explores modernist literature of the U.S. in national and transnational contexts, with a focus on how writers responded to modernization, displacement, urbanization, and popular culture. Selected authors may include Stein, Fitzgerald, Hemingway, McKay, Faulkner, Hurston, Bishop, Cather, Dos Passos, Bulosan, Paredes, and Chandler.

ENGL 3840 Postmodern American Literature

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION Emphasis on writers such as Bellow, Momaday, Ellison, Welty, Miller, Albee, Bishop, Rich, Morrison, and Roethke.

ENGL 3850 American Poetry

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION Topics to be announced. Poetry selected from the colonial period through the twentieth century. May concentrate on poetry from specific periods or of specific types or themes. May be repeated for credit if topic varies.

ENGL 3860 American Drama

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION 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 3865 The Short Story

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 with a C or higher (prerequisite for majors)

DESCRIPTION Short fiction by writers from various regions and periods. Our close investigation of the genre explores the unique role that short stories play in the formation of reading publics, the circulation of literature in popular outlets like magazines, and the introduction of comparative reading methods.

ENGL 3870 American Fiction

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION 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 3875 Science Fiction

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION An introduction to the critical study of science fiction. The course explores the long history of speculative fiction and the cognitive estrangement created by science fiction as thought experiment. Possible topics include protoscience fiction befoRE 1900, twentieth-century "pulp" SF (such as Asimov or Bradbury), cyberpunk, and contemporary space opera. We will also examine the extensive spread of the genre across the world, including but not limited to writing produced in the former Communist countries, South Asia, the Middle East, sub-Saharan Africa, and Latin America.

ENGL 3880 American Non-fiction Prose

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION 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 3885 Contemporary Literature

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a grade of C or higher

DESCRIPTION This course explores writing in English from around the world produced during the past 25 years. Reading lists may include fiction, creative non-fiction, and poetry. Possible topics include the present state of the literary marketplace, the range of forms in circulation today, and role that literature plays in narratives of globalization. Every version of the course includes works by writers who represent various regions, traditions, and ethnic backgrounds.

ENGL 3895 Comics and the Graphic Novel

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a grade of C or higher

DESCRIPTION Introduction to the critical study of comics and graphic novels. Do we judge graphic novels by literary standards. If not, what standards do we use. How do text and image function differently in combination. What are the common techniques, themes, genres, and styles that have developed over the history of comics?.

ENGL 3900 Irish Literature

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION 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 3905 Jewish Literature

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a grade of C or higher

DESCRIPTION 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) and topics may vary. For English majors and/or students minoring in Jewish Studies.

ENGL 3910 The Tradition of Children's and Young Adults' Literature

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION 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 3915 Literature of the Early South

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a grade of C or higher

DESCRIPTION This course explores literature of the early south, from early colonial settlement through the end of the eighteenth century. We will examine early conceptions of the region's economic and cultural development by interrogating the consequences of the transatlantic slave trade, the dispossession of indigenous lands, and the emergence of the South as a distinct region within the newly formed United States. Selected authors may include Thomas Harriot, John Smith, Richard Ligon, Aphra Behn, Ebenezer Cooke, John Marrant, Olaudah Equiano, William Bartram, and Thomas Jefferson.

ENGL 3920 Southern Literature

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION 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. This course may include a Signature Experience component.

ENGL 3930 Modern Drama

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION Selected works from 1850 to the present, including but not limited to plays from Great Britain, the Continent, and the United States. Global Perspectives Course.

ENGL 3940 Postcolonial Literature

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a C or higher

DESCRIPTION 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. (Depending on topic, may be crosslisted with African-American Studies as AAS 4970.) Global Perspectives Course.

ENGL 3945 Literature and Global Conflict

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a grade of C or higher

DESCRIPTION A study of fiction, poetry, and life writing focused on the experience of modern warfare and the collective traumas of its aftermath. Possible topics include the role of conflict in narratives of globalization, the impact of new military technologies, intergenerational trauma, imperialism and nationalism, and techniques for depicting violence in literature. Courses may focus on particular historical conflicts (e.g. WWI) or survey conflict narratives from various regions and periods.

ENGL 3950 African-American Literature

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a grade of C or higher

DESCRIPTION (Same as AAS 3880.) Major writers from the eighteenth century to the present. Includes such authors as Equiano, DuBois, Hughes, Petry, Baldwin, Hansberry, Ellison, and Walker.

ENGL 3955 Language in the African-American Community

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for non-majors): ENGL 2120, ENGL 2130, ENGL 2140, or ENGL 3040 with grade of C or higher. (Same as AAS 3955.) A sociolinguistic study of the characteristics that define and connote the varieties of African-American English: origins, currents of change, functions of functions of language identity, styles, and modes of discourse.

ENGL 3960 African-American Literature by Women

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a grade of C or higher

DESCRIPTION (Same as AAS 3960 and WGSS 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 3965 African Literature

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a grade of C or higher

DESCRIPTION Survey of literature of the North, East, West, Central, and Southern Africa. Includes such writers as Achebe, Soyinka, Emecheta, Sembene, Mahfouz, Ngugi, Adichie, Gordimer, and Coetzee. Target: English and AAS majors. Global Perspectives Course.

ENGL 3970 Caribbean Literature

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a grade of C or higher

DESCRIPTION (Same as AAS 4890.) Survey of literature of the English-speaking or Commonwealth Caribbean. Includes such writers as Prince, Brathwaite, Kincaid, Naipaul, and Walcott. Global Perspectives Course.

ENGL 3975 Later Indigenous Literatures

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a grade of C or higher

DESCRIPTION An introduction to modern and contemporary Native American writers, including D'Arcy McNickle, Lynn Riggs, Leslie Marmon Silko, Louise Erdrich, Thomas King, Louis Owens, Sherman Alexie, Luci Tapahonso, Joy Harjo, Allison Adelle Hedge Coke, Deborah Miranda, Gerald Vizenor, and Ofelia Zepeda. The course will address debates about colonialism, cultural appropriation, and tribal sovereignty. Focus on how each writer locates stories within specific tribal worldviews, articulates individual and collective identities, and constructs a distinct voice in conversation with oral, literary, and graphic traditions.

ENGL 3980 Women's Literature before 1800

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a grade of C or higher

DESCRIPTION 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 after 1800

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a grade of C or higher

DESCRIPTION Selected work by women writers after 1800. Multicultural and inclusive in scope; authors studied may include Mary Shelley, the Brontes, Dickinson, Woolf, Cather, Hurston, Morrison, and Esquivel.

ENGL 3995 Feminist Literary Criticism

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 and either ENGL 2120 or ENGL 2130 with a grade of C or higher

DESCRIPTION (Same as WGSS 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 4010 Topics in African American Culture

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for majors): At least 6 hours in 3000-level English courses with a C or higher. Advanced study of writing, art, and music emerging from or addressed to a particular movement in African American history. Possible topics include but are not limited to slave narratives, the Harlem Renaissance, Black Arts, and hip hop.

ENGL 4020 Advanced Study in Indigenous Literature

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for majors): At least 6 hours in 3000-level English courses with a C or higher. Advanced study of a specific tribal literary tradition. Rotating tribal literatures considered include but are not limited to: Cherokee, Creek, Choctaw, Dine/Navajo, and Pueblo. Focusing on an individual tribal literature encourages advanced research on the specific cultural, religious, linguistic, historical, and geographical elements of selected texts. We ask how specific tribal worldviews inform historical and contemporary debates about colonialism, cultural appropriation, and tribal sovereignty.

ENGL 4030 Literature and the City

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for majors): At least 6 hours in 3000-level English courses with a C or higher. Advanced study of literature tied to a particular urban environment. How have writers depicting Victorian London, or bohemian San Francisco, or contemporary Atlanta shaped our understanding of city life. In addition to prose, poetry, and drama linked to the city in question, readings for this course will include examinations of the urban infrastructure, socioeconomic realities, and artistic communities that populate modern cities.

ENGL 4040 Religion and Literature

CREDIT HOURS 3.0

PREREQUISITES At least 6 hours in 3000-level English courses with a C or higher

DESCRIPTION Advanced study of modern literature tied to particular religious tradition. Possible topics include but are not limited to Buddhism in American writing, poetics in the history of Christianity, the role of Islam in narratives of decolonization, and literary responses to secularization.

ENGL 4050 Transnational Literature

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for majors): At least 6 hours in 3000-level English courses with a C or higher. Advanced study of writers who depict the experience of living in multiple national or cultural contexts. Our focus on writing that crosses borders relies on theories of transnationalism and globalization, linking literature to discussions of colonialism, urbanization, hybridity, cosmopolitanism, and neoliberalism. Topics for advanced research might include literary depictions of the trans-Atlantic slave trade, the advent of the spy novel, narratives of migration and diaspora, and the emergence of international political movements.

ENGL 4100 Study of a Single Author before 1800

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for majors): At least 6 hours in 3000-level English courses with a C or higher. Concentrated study of a single author writing befoRE 1800. In addition to detailed examination of several works by the writer in question, the course may examine the cultural, biographical, and theoretical contexts in which those works are situated.

ENGL 4101 Study of a Single Author after 1800

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for majors): At least 6 hours in 3000-level English courses with a C or higher. Concentrated study of a single author writing after 1800. In addition to detailed examination of several works by the writer in question, the course may examine the cultural, biographical, and theoretical contexts in which those works are situated.

ENGL 4110 Chaucer

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for majors): At least 6 hours in 3000-level English courses with a C or higher. A selection of Chaucer's works, including Troilus and Criseyde and The Canterbury Tales.

ENGL 4130 Shakespeare, Earlier Works

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for majors): At least 6 hours in 3000-level English courses with a C or higher. Selected works from the first half of Shakespeare's career, such as Romeo and Juliet, Much Ado About Nothing, Richard III, The Merchant of Venice, Hamlet, and early poems.

ENGL 4140 Shakespeare, Later Works

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for majors): At least 6 hours in 3000-level English courses with a C or higher. Selected works from the second half of Shakespeare's career, such as Twelfth Night, Othello, King Lear, Macbeth, Anthony and Cleopatra, and later poems. A student may take ENGL 4140 without having taken ENGL 4130.

ENGL 4150 Milton

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for majors): At least 6 hours in 3000-level English courses with a C or higher. A selection of Milton's works, including Paradise Lost, other poetry, and selected prose.

ENGL 4201 Special Topics before 1800

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for majors): At least 6 hours in 3000-level English courses with a C or higher. Focused study of a problem, question, issue, or specialized subject related to literature befoRE 1800. May be repeated for credit if topic varies.

ENGL 4202 Special Topics after 1800

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for majors): At least 6 hours in 3000-level English courses with a C or higher. Focused study of a problem, question, issue, or specialized subject related to literature after 1800. May be repeated for credit if topic varies. This course may include a Signature Experience component.

ENGL 4203 Special Topics in Rhetoric and Composition

CREDIT HOURS 3.0

DESCRIPTION Topics and prerequisites to be announced. Focused study of a problem, question, issue, or specialized subject related to Rhetoric and Composition. A variety of courses is offered; courses may focus on topics as varied as propaganda or literacy. May be repeated for credit if topic varies.

ENGL 4204 Special Topics: Literature, Criticism, and Theory

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for majors): At least 6 hours in 3000-level English courses with a C or higher. Focused study of a problem, question, issue, or specialized subject related to literature, criticism, or theory. A variety of courses is offered; courses may focus on topics as varied as the graphic novel, ecocriticism, or literature in translation. May be repeated for credit if topic varies. Topics to be announced.

ENGL 4205 Special Topics in Creative Writing

CREDIT HOURS 3.0

DESCRIPTION Topics and prerequisites to be announced. Focused study of a problem, question, issue, or specialized subject related to creative writing. A variety of courses offered; may be repeated for credit if topic varies.

ENGL 4206 Special Topics in Pre-Education

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for majors): At least 6 hours in 3000-level English courses with a C or higher. This course will allow students to engage in concentrated study about a particular aspect of Secondary English instruction. The special focus could take on a number of forms related to content, pedagogy, or educational environment, such as teaching creative writing, drama, or Southern literature; interdisciplinarity in the English classroom or multi-modal forms of instruction; and investigation of educational practices in Atlanta or in other countries through Study Abroad opportunities.

ENGL 4300 Senior Seminar: Literary Studies-CTW

CREDIT HOURS 3.0

PREREQUISITES Completion of at least twelve semester hours of upper-division English course work before registering

DESCRIPTION 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. Limited to 15 students. Serves as the required Critical Thinking Through Writing (CTW) course for English majors concentrating in Literary Studies. This course may include a Signature Experience component.

ENGL 4310A Senior Seminar: Workshop in Poetry-CTW

CREDIT HOURS 3.0

PREREQUISITES ENGL 3150A or ENGL 3150C and ENGL 3170 with grades of C or higher

REQUIREMENTS For English majors only. Majors must have completed at least twelve semester hours of upper-division English coursework before registering.

DESCRIPTION Writing and critique of student work at an advanced level. (Limited to 15 students.) Serves as the required Critical Thinking Through Writing (CTW) course for English majors in Creative Writing concentrating in poetry. This course may include a Signature Experience component.

ENGL 4310B Senior Seminar: Workshop in Fiction-CTW

CREDIT HOURS 3.0

PREREQUISITES ENGL 3150B or ENGL 3150C, ENGL 3160, and ENGL 3180B with grades of C or higher

REQUIREMENTS For English majors only. Majors must have completed at least twelve semester hours of upper-division English coursework before registering.

DESCRIPTION Writing and critique of student work at an advanced level. (Limited to 15 students.) Serves as the required Critical Thinking Through Writing (CTW) course for English majors in Creative Writing concentrating in fiction. This course may include a Signature Experience component.

ENGL 4320 Senior Seminar in Rhetoric and Composition-CTW

CREDIT HOURS 3.0

PREREQUISITES ENGL 2150 or ENGL 3050 with grade of C or higher, and at least twelve hours of upper-division courses in rhetoric and advanced composition and technical and professional writing

DESCRIPTION For English majors only. Opportunity for advanced research and completion of a project in rhetoric or composition. Topics vary. Limited to 15 students. Serves as the required Critical Thinking Through Writing (CTW) course for English majors concentrating in Rhetoric and Composition. This course may include a Signature Experience component.

ENGL 4330 Senior Seminar: Pre-Education in English-CTW

CREDIT HOURS 3.0

PREREQUISITES twelve hours upper-division English prior to registration

DESCRIPTION English majors only. Opportunity for advanced research and completion of a project. Each seminar examines a set of texts in relationship to effective pedagogical strategies. Serves as the required Critical Thinking Through Writing (CTW) course for English majors concentrating in Pre-Education.

ENGL 4400 Graduation with Distinction Project

CREDIT HOURS 1.0 - 3.0

PREREQUISITES consent of department; information available upon request

DESCRIPTION This course may include a Signature Experience component.

ENGL 4500 Internship

CREDIT HOURS 1.0 - 3.0

DESCRIPTION Prerequisite (for non-majors): Consent of the department; information available on request. Strongly recommended for those wishing to pursue a career in writing or editing. Field experience in writing, editing, and research. This course may include a Signature Experience component.

ENGL 4501 Literary Editing and Publishing

CREDIT HOURS 3.0

PREREQUISITES ENGL 3150A, ENGL 3150B, or ENGL 3150C with a C or better

DESCRIPTION Students will learn skills and gain experience in literary publishing through participating in the editorial and production process of the publication of an issue a literary magazine (Five Points) and/or literary book. Students will engage in the evaluation process for the selection works to be published in the journal or book and will gain practical experience in the editing, layout, and production as well as in the publicizing and promoting of a finished issue of the journal or the book. The course will also provide students with an introduction to the literary market at large and instruction in preparing their own creative work for submission and publication as it pertains to literary magazines and presses.

ENGL 4510 Grant and Proposal Writing

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for non-majors): ENGL 1102 or ENGL 1103 with grade of C or higher. Study and practice in grant and proposal writing in business and organizational settings.

ENGL 4521 Archival Research Methods

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (for non-majors): ENGL 1102 or ENGL 1103 with grade of C or higher. Cross listed with ENGL 6521. Introduces students to archival research methods through the study of print and digital primary resources. Includes study of methodologies, methods, material conditions of archival collections, researcher positionality, and the cultural contexts of production and collection of primary materials.

ENGL 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

ENGL 4880 Honors Thesis: Writing

CREDIT HOURS 1.0 - 6.0

DESCRIPTION Prerequisites:ENGL 4870 with grade of C or higher, good standing with the Honors College and consent of instructor. Writing or production of honors thesis or project. This course may include a Signature Experience component.

ENGL 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements. This course may include a Signature Experience component.

ENSL ENGLISH AS A SECOND LANG (UG)

ENSL 0071 Applied Grammar I

CREDIT HOURS 3.0

PREREQUISITES Previous knowledge of English required as demonstrated by examination

DESCRIPTION Students develop grammar skills at the low-intermediate level in the context of their own writing and by analyzing reading passages. Parts of speech, verb tenses, subject-verb agreement, and basic sentence structure will be emphasized.

ENSL 0072 Communication Skills I

CREDIT HOURS 3.0

PREREQUISITES Previous knowledge of English required as demonstrated by examination

DESCRIPTION Speaking and listening skills are developed at the low-intermediate level. Listening comprehension, pronunciation, and presentation skills are emphasized.

ENSL 0073 Academic Reading I

CREDIT HOURS 3.0

PREREQUISITES Previous knowledge of English required as demonstrated by examination

DESCRIPTION Students use intermediate-level ESL materials as they develop communication skills with an emphasis on reading and writing.

ENSL 0081 Applied Grammar II

CREDIT HOURS 3.0

PREREQUISITES ENSL 0071 with a 'C' or better or appropriate placement

DESCRIPTION Intermediate-level students develop grammar skills in the context of writing compositions and analyzing reading passages. Punctuation, usage, and linguistic concerns of non-native English speakers are emphasized.

ENSL 0082 Communication Skills II

CREDIT HOURS 3.0

PREREQUISITES ENSL 0072 with a 'C' or better or appropriate placement

DESCRIPTION Speaking and listening skills are developed at the high-intermediate level. Listening comprehension, note-taking, pronunciation, and presentation skills are emphasized.

ENSL 0083 Academic Reading II

CREDIT HOURS 3.0

PREREQUISITES ENSL 0073 with a grade of 'C' or better or appropriate placement

DESCRIPTION Students use pre-college level materials as they develop academic communication skills with an emphasis on reading and writing. They demonstrate understanding and respond critically to these materials in writing and speaking.

ENSL 0091 Applied Grammar III

CREDIT HOURS 3.0

PREREQUISITES ENSL 0081 with a 'C' or better or appropriate placement

DESCRIPTION Students review and refine organizational and editing skills and improve their application of grammar while writing essays.

ENSL 0093 Academic Reading III

CREDIT HOURS 3.0

PREREQUISITES ENSL 0083 with a 'C' or better or appropriate placement

DESCRIPTION Students use college-level materials as they develop the reading skills they will use in their academic work. They demonstrate understanding and respond critically to these materials in speech and writing, including reports, plot summaries and response to reading activities.

ENI ENTREPRENEURSHIP

ENI 3101 Entrepreneurial Thinking for Startups

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Requirements: Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION CSP 1, 2, 6, 7. This course focuses on applying evidence-based entrepreneurship methods to go from idea to a sustainable business model. Students learn how to apply behavioral economics, the Customer Development Model and the Lean Startup methodology to discover important and unsatisfied customer needs by designing compelling and competitive value propositions, viable business models that can profitably fulfill these value propositions, and persuasively pitch value propositions/business models to prospective customers/investors. Students engage in a variety of hands on team activities while in class, engage in a team field study involving a local startup, and develop/pitch their own startup ideas.

ENI 3102 Product-Service Design for New Ventures

CREDIT HOURS 3.0

PREREQUISITES ENI 3101

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION CSP 1, 2, 6, 7. The focus of this course is actually designing the product-service (offering) that can profitably capture customer demand. Once authentic customer demand is discovered and a compelling value proposition that satisfies that demand is verified, the next step is to design an offering that that customers will want to use and one that is sustainable. Students apply Lean/Agile design methodologies and customer value targets to iterate through offering designs, prototypes, and business models until a â⊠⊠best fitâ⊠⊠ design is achieved and "fast followers" can't easily imitate. This is a highly interactive course where students 1) engage in a variety of hands on team activities while in class and 2) design and test their own offering concepts.

ENI 3103 Business Model Validation

CREDIT HOURS 3.0

PREREQUISITES ENI 3101

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION CSP 1, 2, 6, 7. This course focuses on the business model validation phase of creating a new venture. Once a â⊠⊠best fitâ⊠⊠ product-service (offering) design is achieved that can profitably satisfy customer needs better than competitive solutions, a logical next step is to validate demand traction for that business model to ramp up customer sales. Students learn to apply various demand traction strategies and how to best position an offering in a competitive market to realize profitable revenue potential. It also addresses the capital funding process, progressive business plan development, types of investors, company valuation strategies, capitalization tables, negotiating tactics, term sheets, and more. Students create a mock start-up that takes them through this critical validation stage.

ENI 4020 Business Law for Entrepreneurs

CREDIT HOURS 3.0

PREREQUISITES ENI 3101

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION CSP's: 1, 2, 6, 7. This course will focus on the legal issues that entrepreneurs face when starting and running a business in the global economy. Throughout the course we will focus on various substantive practical areas of law that most impact entrepreneurs such as: establishing ownership structure, related shareholder or membership agreements, other documents which impact ownership structure, sales and lease contracts, loan agreements, raising capital and securities law compliance, venture capital negotiations and agreements, the role of the board of directors, potential roles for an advisory board, debtor-creditor relations, employment law, and Intellectual Property law.

ENI 4060 Technology Law for Entrepreneurs

CREDIT HOURS 3.0

PREREQUISITES ENI 3101 and BUSA 2106 or LGLS 3020 or permission of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION CSP's 1, 6, 7. This course examines how the U.S. legal system is evolving to accommodate the Internet's impact on business practices, society and values. The course covers a wide range of Internet-related legal issues including technology and the law, court jurisdiction over Internet-related business activities, intellectual property, e-commerce, taxation of Internet sales, privacy in cyberspace, on-line defamation, information security, cyber-crimes, and government regulation of Internet services. Emphasis is placed on developing legal doctrines and their application to Internet-based business activities.

ENI 4100 From Startup to Growth Company

CREDIT HOURS 3.0

PREREQUISITES BUSA 3090, ENI 3102 and ENI 3103

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION CSP 1, 2, 6, 7. This course focuses on scaling up a new venture. Once a startup has validated demand traction for its business model and obtained sufficient growth capital, it is set to make the transition to an early-stage growth company. The transition presents formidable challenges. The course examines many of the decisions that founders/owners must make and the resulting trade-offs that they must accept in this transition. Decisions regarding: gearing up for and financing rapid growth, changes in company governance, boards and advisors, intellectual property licensing, patents and trademarks, growth strategy, scaling business operations, strategic marketing, staffing, financial and risk management, exit strategies. This course challenges the student with these decisions and how to approach them.

ENI 4201 Startup Incubation and Mentoring

CREDIT HOURS 3.0

PREREQUISITES ENI 4200E or permission of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION CSP's 1, 2, 6, 7. This course follows the pattern of a typical internship course. However: youâ□□ll be working for yourself (or team), youâ□□ll be mentored by an â□□entrepreneur-in-residenceâ□□ as evaluator, and you will be paying yourself in equity (there may be additional emoluments). Upon admission youâ□□ll be assigned a slot in the incubator (space scheduling, locker, mentor, resources, etc.). In the incubator, each student/teamâ□□s needs are assessed and additional resources brought to bear. Youâ□□ll have access to resources provided through the incubator (legal, financial, marketing, investors, etc.) as needed, and available resources permit. The mission of the incubator (and this course) is to help you succeed. The onus is on you; faculty and mentors are facilitators, not guarantors.

ENI 4350 Technology for Entrepreneurs

CREDIT HOURS 3.0

PREREQUISITES Must meet RCB Area-F prerequisites (or BUSA 3090 and ENI 3101 for non-BBA majors)

DESCRIPTION CSP 1. Advances in information and communication technology and the proliferation of business support services available online (â⊠⊠in the cloudâ⊠⊠), are reshaping the entrepreneurial landscape. Technology is enabling entrepreneurs to reach new customers, manage their operations, and offer products and services that previously required long lead-times and significant start-up capital. These digital tools are increasing entrepreneursâ⊠⊠ ability to experiment, quickly test new ideas, and adapt their business to changing market forces. Entrepreneurs must be able to leverage these digital tools in a way that can make their businesses stand out from other firms, all of which have access to these same tools. This class teaches how to use these technologies to effectively start and manage a business.

ENI 4389 Directed Readings in Entrepreneurship and Innovation

CREDIT HOURS 1.0 - 3.0

PREREQUISITES ENI 3101 and either ENI 3102 or permission of the instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION CSP's: 1, 3, 6, and 7.

ENI 4560 Small Business Management

CREDIT HOURS 3.0

PREREQUISITES FI 3300, and MGS 3400, and MK 3010 OR BUSA3090E for non-business students

REQUIREMENTS Business students must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION Non-Business students must be in good standing with minimum of 45Credit Hours. Cross listed with MGS 4560. According to the U.S. Labor Department, almost 50% of the companies in the U.S. are small businesses. This course covers the unique issues of managing and growing a new or existing small business. The mission, objectives, goals, and strategies are set for small business. Staffing decisions, from hiring operative employees to the board of directors, are covered. Major emphasis is placed on the design, integration, and operation of production, marketing, and finance.

ENVS ENVIRONMENTAL SCIENCE

ENVS 1401 Environmental Science

CREDIT HOURS 3.0

COREQUISITES ENVS 1401L

DESCRIPTION This course is designed to investigate the role of humans in their environment. Students develop a knowledge base about their biological and physical environment. This information leads to exploration of human dependence on, technological control over, and interactions with the environment. Emphasis is placed on sustaining resources and making informed choices concerning environmental issues.

ENVS 1401K Environmental Science

CREDIT HOURS 4.0

DESCRIPTION Lecture/lab designed to investigate the role of humans in their environment. Students develop a knowledge base about their biological and physical environment. This information leads to exploration of human dependence on, technological control over, and interactions with the environment. Emphasis is placed on sustaining resources and making informed choices concerning environmental issues.

ENVS 1401L Environmental Science Laboratory

CREDIT HOURS 1.0

COREQUISITES ENVS 1401

DESCRIPTION Laboratory based application of topics covered in the lecture.

ENVS 1402 Plant Resources in the Environment

CREDIT HOURS 3.0

PREREQUISITES ENVS 1401 and ENVS 1401L with a D or higher

COREQUISITES ENVS 1402L

DESCRIPTION This course introduces the importance of plants as the foundation of terrestrial ecosystems and the producers that fuel life on land, including plant ecology, diversity, evolution, structure, and applications, as well as human uses of plant products. This course does not fulfill the requirements for a major in Biology.

ENVS 1402K Plant Resources in the Environment

CREDIT HOURS 4.0

PREREQUISITES ENVS 1401K

DESCRIPTION Introduction to the importance of plants as the foundation of terrestrial ecosystems and producers that fuel life on land, including plant ecology, diversity, evolution, structure, and adaptations, as well as human uses of plant products.

ENVS 1402L Plant Resources in the Environment Laboratory

CREDIT HOURS 1.0

COREQUISITES ENVS 1402

DESCRIPTION This course does not fulfill the requirements for a major in Biology. This course is a laboratory based application of topics covered in the lecture

EPRS 4500 Qualitative Inquiry I

CREDIT HOURS 3.0

DESCRIPTION This is an introductory course qualitative inquiry. It is designed to provide theoretical and practical understandings of qualitative/interpretive research. This course provides students with an overview of the broad field of qualitative methodology, as well as an introduction to historical, philosophical, and policy research methodologies. Students will study theoretical underpinnings of qualitative research and research design. In addition, students will learn how to evaluate qualitative studies and write a qualitative research proposal.

EPRS 4530 Quantitative Methods and Analysis in Education

CREDIT HOURS 3.0

DESCRIPTION This is the introductory course designed to provide theoretical and applied understandings of quantitative research. Fundamentals of research and hypothesis testing are taught and then built upon for instruction in experimental, quasi-experimental, and correlational designs along with the requisite statistical tools for analyzing data from these designs. In addition, skills are developed in the use of SPSS, reviewing research articles, and writing research papers.

EPRS 4900 Methods of Research in Human Learning and Development-CTW

CREDIT HOURS 3.0

DESCRIPTION This course provides an introduction to research in human learning and development, with instruction in the basic concepts, epistemologies, and methods used in such research. Objectives for the course include developing capacities to read, summarize, organize, critique, and design research. This course has been identified as a "Critical Thinking Through Writing (CTW)" course. This course may include a Signature Experience component.

EPRS 4905 Methods of Research in Education

CREDIT HOURS 3.0

DESCRIPTION This course introduces students to the research enterprise in the context of educational settings. Students enrolled in the class will participate in class discussions on a broad range of topics related to the design of research studies, common methods employed, and the procedures for implementing educational research studies.

EPRS 4910 Action Research

CREDIT HOURS 3.0

DESCRIPTION This course is an introduction to action research. The goal of action research is for stakeholders within a particular organization to solve problems by engaging in a systematic process of inquiry. This process enables stakeholders to make informed decisions. In the course, you will write an action research proposal thereby helping you bridge theory and practice. The project will enable you to solve a relevant problem as well as encourage you to be a reflective researcher. Through lecture, discussion, hands-on problem solving, and cooperative groups, students will be guided by the instructor.

EPRS 4920 Educational Measurement

CREDIT HOURS 3.0

PREREQUISITES EPRS 4530 with a grade of "C" or higher or instructor permission

DESCRIPTION This course is an introduction to measurement theory in education, emphasizing the application of measurement theory to test development and to educational research. The course addresses principals that apply to basic measurement, Classical Test Theory (CCT), and an introduction to Item Response Theory (IRT). Students will learn how to construct well-designed tests that yield valid and reliable measures of how well students learn. Students will also learn to judge the advantages and limitations of tests and test scores, so that they will be able to use test results appropriately and effectively.

EPSF 4100 Critical Pedagogy

CREDIT HOURS 3.0

DESCRIPTION A form of critique and practical change, critical pedagogy is the application of critical theory in the realm of education. Education is considered in its broadest cultural perspective as the expression of world views, truth claims, value orientations, and systems of belief regarding humanity, society, and the individual. Critical and conceptual analysis will be used to raise questions regarding power, knowledge, society, and values which bear on educational ideas, problems, issues, and practices.

EURO 1101 Intro

CREDIT HOURS 3.0

PREREQUISITES Exit or exemption from ENGL 0989 or all ESL requirements except ENSL 0091

DESCRIPTION To The European Union. It examines the political, economic, social, and cultural characteristics of an integrated Europe. The course also explores the evolving relationship between the US and the EU.

EURO 3234 Introduction to the European Union

CREDIT HOURS 3.0

PREREQUISITES POLS 2401 recommended

DESCRIPTION An introduction to the history, institutions, and policies of the European Union. The course also examines the role of the EU as a global actor, including its relations with the United States. This is an online course. These courses are open to any majors. Political Science majors can count EURO courses towards their major.

EURO 4130 European Union Law and Legal Systems

CREDIT HOURS 3.0

PREREQUISITES POLS 2401 recommended

DESCRIPTION A study of EU legal institutions and processes in the context of international law and in comparison to those of the United States. This is an online course. Course is open to all majors. Political Science majors can apply EURO courses towards their major.

EURO 4160 Federalism and Multilevel Governance in the European Union

CREDIT HOURS 3.0

PREREQUISITES POLS 2401 recommended

DESCRIPTION A comparison of multilevel governance and policymaking in the European Union with that of the United States and other federal systems. This is an online course. Course is open to all majors. Political Science majors can apply EURO courses towards their major.

EURO 4230 Doing Business in the European Union

CREDIT HOURS 3.0

PREREQUISITES PplS 2401 recommended

DESCRIPTION A study of business protocol in the EU compared to the United States. The course focuses on institutions and rules which impact the business environment for domestic and international firms, and on how political decisions affect the business environment. This is an online course. The course is open to all majors. Political Science majors can apply EURO courses towards their major.

EURO 4260 European Monetary Union

CREDIT HOURS 3.0

PREREQUISITES POLS 2401 is recommended

DESCRIPTION An examination of the history and evolution of the European Economic and Monetary Union and its impact on the United States and the global economy. This is an online course. Course is open to all majors. Political Science majors can apply EURO courses towards their major.

EURO 4330 European Union Science and Technology Policy

CREDIT HOURS 3.0

PREREQUISITES POLS 2401 is recommended

DESCRIPTION An examination of EU science and technology policy compared to that of the United States. The course examines how governments can encourage scientific and technological innovation and whether government can (or should) try to limit or control technological innovation. This is an online course. Course is open to all majors. Political Science majors can apply EURO courses towards their major.

EURO 4430 European Union Environmental Policy

CREDIT HOURS 3.0

PREREQUISITES POLS 2401 is recommended

DESCRIPTION A survey of critical issues in EU environmental policy, including key environmental problems, the challenges of making and implementing environmental policy in the EU's multilevel governance system, and future prospects for EU environmental regulation. This is an online course. Course is open to all majors. Political Science majors can apply EURO courses towards their major.

EURO 4530 European Social Policy

CREDIT HOURS 3.0

PREREQUISITES POLS 2401 is recommended

DESCRIPTION An examination of social policy and current social policy issues and arrangements in Europe and the EU. This is an online course. Course is open to all majors. Political Science majors can apply EURO courses towards their major.

EURO 4630 European Union Communications and Media

CREDIT HOURS 3.0

PREREQUISITES POLS 2401 recommended

DESCRIPTION A comparison of communications and media in the EU with the United States. The course examines media law, policies, and practices in voice telephony, the Internet, and social media. This is an online course. Course is open to all majors. Political Science majors can apply EURO courses towards their major.

EURO 4730 European Union Foreign Policy

CREDIT HOURS 3.0

PREREQUISITES POLS 2401 recommended

DESCRIPTION An examination of the foreign policy of the EU. Examines how EU foreign policy is made, the intersection of national and EU foreign policies, and EU policies regarding key issues in countries and areas of the world. This is an online course. The course is open to all majors. Political Science majors can apply EURO courses towards their major.

EURO 4760 United States – European Union Relations

CREDIT HOURS 3.0

PREREQUISITES POLS 2401 recommended

DESCRIPTION An examination of relations between the United States and the European Union, including US-EU cooperation on global issues and the future of Transatlantic relations in a changing world. This is an online course. Course is open to all majors. Political Science majors can apply EURO courses towards their major.

EURO 4830 European Union Studies Capstone Course

CREDIT HOURS 3.0

PREREQUISITES POLS 2401 recommended

DESCRIPTION A capstone course for students in the EU Studies online certificate program. The course explores selected topics in a way that allows students to synthesize their knowledge of the EU. Non certificate program students can also take this as a stand-alone course examining the EU in comparative perspective. This is an online course. The course is open to all majors. Political Science majors can apply EURO courses towards their major.

EXC 3560 Observation and Assessment of Infants, Toddlers, and Preschoolers

CREDIT HOURS 3.0

PREREQUISITES EDUC 2300 with a grade of "C" or higher or permission of the instructor

DESCRIPTION This course provides an in-depth examination of models, methods and instruments used in the assessment process with infants, toddlers and preschool children. Content includes play based assessment, test construction, legal issues and legislative requirements, standardized instruments, observational techniques and other informal evaluation approaches.

EXC 4010 Characteristics of Students with Disabilities

CREDIT HOURS 3.0

DESCRIPTION This course provides a study of the historical and legal treatment and actions, identification, classification, eligibility, and the unique characteristics 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 disabilities. The course includes an analysis of individuals across classification categories (i.e., students with mild disabilities) as well as an in depth review of all areas of exceptionalities per Georgia House Bill 671.

EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities

CREDIT HOURS 3.0

DESCRIPTION This course provides a study of the historical and legal treatment and actions, identification, classification, eligibility, and the unique characteristics of individuals with disabilities who require accommodations and adaptations throughout their life cycles. 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 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 4030 Applied Behavior Analysis

CREDIT HOURS 3.0

DESCRIPTION This course is a study of the theory and implementation of behavioral strategies for behavior change in students. Strategies include those for data collection and analysis and behavior increase, maintenance, and decrease. This course is cross-listed with EXC 7030.

EXC 4140 Issues of Diversity in Special Education in Urban Environments

CREDIT HOURS 3.0

DESCRIPTION This class provides an overview of the issues and concerns regarding diversity in the context of special education. Legal, historical, social, and cultural factors will be explored as students develop an understanding of the unique landscape of special education service delivery for diverse students, families, and communities. Topics will be considered from the perspective of P-12 students, teachers, and teacher educators in urban contexts.

EXC 4190 Alternative Approaches to Literacy Instruction for Students with Disabilities

CREDIT HOURS 3.0

DESCRIPTION This course focuses on the design, implementation, and evaluation of reading and writing instruction for students with mild to moderate high-incidence disabilities, including individuals from diverse cultural, linguistic, and socioeconomic backgrounds. The teaching methodology emphasized in this course is explicit, systematic, and developmental. All strategies and approaches that are discussed in this course are supported by empirical research with students with reading and writing disabilities, as well as students at-risk for experiencing reading and writing difficulties in school. While there is empirical evidence that many of the approaches and strategies discussed in this course are successful with students with low incidence disabilities (e.g., autism, deaf and hard of hearing) and typically developing students without learning difficulties, students in this course will study methods for literacy instruction that are most appropriate for students with reading and writing disabilities. Specifically, students will study explicit instructional methods and strategies used to support the development of emergent literacy, phonological awareness, decoding, word reading, vocabulary, reading fluency, reading comprehension, written expression, and spelling skills. In addition, students will demonstrate their knowledge and usage of these methods and strategies by: (a) participating in class activities and assignments that support lectures and assigned readings, (b) evaluating the effectiveness of literacy curricula and technology tools for students with reading and writing disabilities, and (c) designing and implementing a sequence of lessons that target specific literacy skill areas while reflecting on oneâ⊠⊠s delivery of instruction. EXC 4190 may be cross-listed with EXC 7190.

EXC 4280 Methods for Teaching Students with Intellectual Disability and Students with Autism Spectrum Disorders

CREDIT HOURS 3.0

REQUIREMENTS A miniumum grade of "B" is required for this course

DESCRIPTION This course includes the study of instructional methodologies for skill acquisition for students with intellectual disability, autism spectrum disorders, physical/health impairments, and multiple disabilities. EXC 4280 is cross-listed with EXC 7280.

EXC 4281 Assessment and Curriculum Planning: Adapted Curriculum

CREDIT HOURS 3.0

PREREQUISITES EXC 4280 with a grade of "C" or higher or permission of instructor

DESCRIPTION Assessment types and strategies and curriculum planning for students on adapted curriculum. Content areas include assessment and individualized education plans, functional academics, transition, vocational training, and community-based instruction. EXC 4281 is cross-listed with EXC 7281.

EXC 4325 Methods of Teaching High-functioning Students with Autism Spectrum Disorders

CREDIT HOURS 3.0

DESCRIPTION This course will prepare professionals to plan and implement effective programs for children and youth with Aspergerâ□□s and those who are functioning at the high end of the autism spectrum. Empirically-based strategies for enhancing functioning in academics, communication, socialization, and behavioral flexibility will be discussed. EXC 4325 is cross-listed with EXC 7325.

EXC 4350 Orientation to Deafness

CREDIT HOURS 3.0

DESCRIPTION This course is an overview of the field of deafness. Topics include psychosocial aspects of deafness, educational settings, modes of communication, technology, vocational opportunities, social-emotional development, and needs of the deaf and hard of hearing population with multiple disabilities. EXC 4350 will be cross-listed with EXC 6350.

EXC 4365 Audiological Considerations

CREDIT HOURS 3.0

DESCRIPTION An introduction to the types and causes of hearing loss, orientation to hearing testing, and characteristics and needs of individuals with hearing loss. EXC 4365 will be cross-listed with EXC 6360.

EXC 4370 American Sign Language and Deaf Culture I

CREDIT HOURS 3.0

DESCRIPTION This course prepares students to understand and use American Sign Language grammar, signs, finger spelling, and non-manual markers at the survival level. Students receive an orientation to and experience with deaf culture. (Taught with EXC 6370).

EXC 4380 American Sign Language and Deaf Culture II

CREDIT HOURS 3.0

DESCRIPTION This course prepares students to understand and use the grammar, signs, finger spelling, and non-manual markers of American Sign Language at the intermediate level. Students increase their understanding of deaf culture and community options. (Taught with EXC 6380).

EXC 4390 Reading and Writing Instruction for Deaf/Hard of Hearing

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "B" is required for this course

DESCRIPTION The purpose of this course is to provide students with techniques and strategies for assessing and teaching reading written language skills to students with hearing losses. Assessment, lesson planning, and effective instruction are addressed. This course is cross-listed with EXC 7390.

EXC 4400 Methods of Teaching Students Who Are Deaf/Hard of Hearing

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "B" is required for this course

DESCRIPTION The purpose of this course is to provide students with techniques and strategies for assessing and teaching students who are deaf/hard of hearing whether in resource, self-contained, or inclusive settings. Lesson planning, classroom management, curriculum, and effective instruction are addressed. This course is cross-listed with EXC 7400.

EXC 4430 Auditory and Speech Development in Students Who Are Deaf/Hard of Hearing

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "B" is required for this course

DESCRIPTION The purpose of this course is to prepare teachers of students who are deaf/hard of hearing to provide appropriate assessment and intervention to enhance speech and listening skills in clinical and classroom contexts. This course is cross-listed with EXC 7430.

EXC 4460 Language Development in Students Who Are Deaf/Hard of Hearing

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "B" (not a "B-") is required for this course

DESCRIPTION Students learn to evaluate, plan for, and teach the English language to students with hearing losses. Study covers analytic/syntax-based and synthetic/pragmatic-based models as well as ASL/ESL approaches. This course is cross-listed with EXC 7360.

EXC 4500 Environmental and Medical Issues for Children Birth to Five

CREDIT HOURS 3.0

PREREQUISITES KH 2360 with a grade of "C" or higher

DESCRIPTION This course emphasizes developmental and psychological issues of children with medical needs and their caregivers. Teacher candidates will learn to function as part of a health care team. The impact of medical conditions on family concerns, resources, and priorities will be examined. Topics include health protection and health promotion, infectious diseases, chronic illnesses, nutrition plans, and feeding strategies.

EXC 4520 Methods for Teaching Infants and Toddlers with Disabilities

CREDIT HOURS 4.0

PREREQUISITES EXC 4020 or permission of instructor

COREQUISITES BRFV 4380

DESCRIPTION This course is designed to provide the knowledge and skills necessary to be effective professionals in providing early intervention services for families, infants, and toddlers with disabilities and those at-risk for developmental delays. Emphasis is placed on parent-professional collaboration and interagency/interdisciplinary planning and design of family-directed, culturally sensitive individual family service plans (IFSP). The course includes an overview of a variety of curriculum models and instructional strategies for use in intervention practice (Includes field experience).

EXC 4530 Methods for Teaching PreKindergarten and Kindergarten Children with Disabilities

CREDIT HOURS 4.0

PREREQUISITES EXC 4020 or permission of instructor

COREQUISITES BRFV 4390

DESCRIPTION This course is designed to provide teacher candidates with the practical skills and techniques for working with preschool children with disabilities and their families with respect to cultural and linguistic differences in a variety of settings. Content includes curriculum models, intervention strategies, service delivery models, and design of family-directed, culturally sensitive individual education plans (IEP) (Includes field experience).

EXC 4560 Educational Evaluation of Students with Disabilities

CREDIT HOURS 3.0

PREREQUISITES EXC 4010 or EXC 4020

DESCRIPTION This course is the study of the process of gathering information regarding the individual strengths and needs of students with disabilities. It introduces both formal and informal evaluation procedures used in special education settings. Students select and administer both formal and informal assessment instruments and use the data from these assessments for eligibility decision making, instructional planning, and progress monitoring. Limitations of assessment tools related to test bias and cultural and linguistic concerns are addressed in the areas of test selection, administration, and interpretation of test results. Technology that facilitates the assessment process is used throughout the course.

EXC 4570 Individual and Classroom Management

CREDIT HOURS 3.0

PREREQUISITES EXC 4010 or EXC 4020

DESCRIPTION The course is designed to promote skill development in the use of empirically validated methodology on the formation of interventions and effective management strategies for individuals as well as groups across a variety of learning environments. Participants develop an understanding of individual and group motivation and behavior to create a learning environment that encourages positive social interactions, active engagement in learning, and self motivation. A case study approach is used to promote reflection, evaluation, synthesis, and application of principles learned.

EXC 4580 Instructional Methods for Students with Behavior Learning Disabilities

CREDIT HOURS 3.0

PREREQUISITES EXC 4010 or EXC 4020

DESCRIPTION This course focuses on the fundamental elements of design, implementation, and evaluation of individualized programs based on educationally relevant characteristics of students with mild behavioral and learning disabilities. Research- based strategies and materials for instruction and technology use in the areas of reading, math, and written language are described and demonstrated with an emphasis on explicit teaching approaches.

EXC 4590 Functional and Social Methods for Students with Behavior Learning Disabilities

CREDIT HOURS 3.0

PREREQUISITES EXC 4010 or EXC 4020

DESCRIPTION This course focuses on the development, implementation, and evaluation of strategies and methods to promote the acquisition of critical functional life skills in students with mild disabilities. A major focus is the use of integrated thematic instruction which embeds functional skills in the content area. Adaptive behaviors and strong determination of students' success in various contexts are also included.

EXC 4600 Infusing Co-teaching Strategies across the Content Areas

CREDIT HOURS 3.0

DESCRIPTION Instructional models for both special and general education teachers have significantly changed over the last decade as greater numbers of students with disabilities are served in inclusive co-taught classrooms. In this course, students will examine consultative strategies, cooperative teaching techniques, and other culturally-responsive methods that have been designed to foster student performance in diverse inclusive settings. The primary focus of the course is on the development of the collaborative and technical skills of co-teaching across the content areas. EXC 4600 will be cross-listed with EXC 6600.

EXC 4650 Opening School Experience

CREDIT HOURS 0.0

REQUIREMENTS Course is graded as satisfactory/unsatisfactory. A minimum grade of 'S' is required for this course

DESCRIPTION Students gain practical experiences in the school and classroom during the weeks of pre-planning. While assisting in the classroom, students learn effective procedures for beginning the school year. This course may include a Signature Experience component.

EXC 4661 Practicum I: Special Education

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Consent by the program coordinator

REQUIREMENTS Students must have tort liability insurance prior to working with students in a school setting. Course is graded as satisfactory/unsatisfactory. A minimum grade of "S" is required for this course.

DESCRIPTION This field-based experience is the first of two required practica for students seeking initial licensure in special education. This practicum provides students with an opportunity to develop and practice skills in delivering instruction and assessment with students who have disabilities. 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 disabilities. This course may include a Signature Experience component.

EXC 4671 Student Teaching in Special Education

CREDIT HOURS 1.0 - 9.0

PREREQUISITES Area G (major) courses with a grade of "C" or higher and consent of the program coordinator

DESCRIPTION This is the second of two required practica for students preparing for initial licensure in special education. This course includes the study of family systems and parenting perspectives, effective communication, and models of collaboration. Students are placed in public school settings for the entire school day during the semester of their practicum. Various means of collaboration within the school setting are discussed as well as roles and responsibilities of school personnel in consultation, collaboration, and teamwork during the required seminars. Learners demonstrate an understanding of the importance of collaboration in specific special education activities such as pre-referral teams, assessment, IEP/ITP meetings, and consultation with general education teachers regarding strategies for working with students with disabilities. This course may include a Signature Experience component.

EXC 4760 Special Topics in Special Education

CREDIT HOURS 3.0

DESCRIPTION This class will focus on pertinent topics related to special education that are not covered by the core content (e.g., reading). Possible topics may include technology in education, advanced topics in collaboration, systems change, among others that are within the expertise of the special education faculty. (Repeatable).

EXC 4810 Directed Readings or Research in Special Education

CREDIT HOURS 1.0 - 6.0

PREREQUISITES consent of instructor and/or major advisor

DESCRIPTION Students study selected areas under the supervision of faculty either through directed readings or guided research. (Repeatable).

EXC 4820 American Sign Language Visual Resources Lab A

CREDIT HOURS 1.0

PREREQUISITES ASL 1002 with a grade of "C" or higher

DESCRIPTION The purpose of this course is to involve students in the further development of their American Sign Language skills to meet the Deaf Education sign language requirement. The course is an unsupervised, independent, and individualized lab to give students more active practice.

EXC 4830 American Sign Language Visual Resources Lab B

CREDIT HOURS 1.0

PREREQUISITES ASL 1002 with a grade of "C" or higher

DESCRIPTION The purpose of this course is to involve students in the further development of their American Sign Language skills to meet the Deaf Education sign language requirement. The course is an unsupervised, independent, and individualized lab to give students more active practice.

EXC 4840 American Sign Language Visual Resources Lab C

CREDIT HOURS 1.0

PREREQUISITES ASL 1002 with a grade of "C" or higher

DESCRIPTION The purpose of this course is to involve students in the further development of their American Sign Language skills to meet the Deaf Education sign language requirement. The course is an unsupervised, independent, and individualized lab to give students more active practice.

EXC 4920 Practicum I: Deaf/Hard of Hearing

CREDIT HOURS 3.0

PREREQUISITES Approval of the program coordinator

DESCRIPTION This intensive practicum course provides opportunity for initial in-depth experiences with deaf and hard of hearing students. This course is cross-listed with EXC 7920. This course may include a Signature Experience component.

EXC 4925 Practicum I: Adapted Curriculum

CREDIT HOURS 3.0

DESCRIPTION Prequisite: Approval of the program coordinator. This intensive practicum course provides opportunity for initial in-depth experiences with students with severe disabilities. This practicum may extend beyond one term. EXC 4925 may be cross-listed with EXC 7925. This course may include a Signature Experience component.

EXC 4935 Student Teaching: Adapted Curriculum

CREDIT HOURS 9.0

PREREQUISITES EXC 4280, EXC 4281, and Approval of program coordinator

DESCRIPTION This intensive practicum course provides opportunity for full-time, in-depth experiences with students with severe disabilities. This practicum may extend beyond one term. EXC 4935 may be cross-listed with EXC 7935. This course may include a Signature Experience component.

EXC 4940 Student Teaching: Deaf/Hard of Hearing

CREDIT HOURS 9.0

PREREQUISITES Approval of the program coordinator

REQUIREMENTS A minimum grade of "B" is required for the course

DESCRIPTION This course is the final capstone student teaching course that provides opportunity for in-depth experiences with deaf and hard of hearing students in the field. This course is cross-listed with EXC 7940. This course may include a Signature Experience component.

FLME 1010 Film Aesthetics and Analysis

CREDIT HOURS 3.0

DESCRIPTION Introduction to the cinematic techniques and themes utilized by film directors from around the world. Lectures, screenings, and discussions.

FLME 2000 Introduction to Film Genres

CREDIT HOURS 3.0

DESCRIPTION Introduction to multiple genres analyzing stylistic, historical, cultural, political, and ideological aspects of film.

FLME 2700 History of the Motion Pictures

CREDIT HOURS 3.0

DESCRIPTION Historical and critical survey of the evolution of motion pictures as an art form and as a distinctive medium of communication. Lectures, screenings, and discussions.

FLME 2800 Introduction to On-Set Film Production

CREDIT HOURS 6.0

DESCRIPTION An introduction to professional on-set film procedures, standards, and organization. Taught in conjunction with the Georgia Film Academy.

FLME 2801 Georgia Film Academy Internship

CREDIT HOURS 6.0

PREREQUISITES FLME 2800

DESCRIPTION An on-set professional film production internship under the supervision of the Georgia Film Academy. This course is the first of the two-course Georgia Film Academy (GFA) Certification Program, designed specifically to provide students with a basic level of on-set film production skills, knowledge and experience with film-industry standards, organizational structure, professional equipment and on-set procedures.

FLME 2802 Georgia Film Academy Internship

CREDIT HOURS 6.0

PREREQUISITES FLME 2800

DESCRIPTION An on-set professional film production internship under the supervision of the Georgia Film Academy. This course is the second of the two-course Georgia Film Academy (GFA) Certification Program. It is designed specifically to provide students with a basic level of on-set film production skills; knowledge; and experience with film-industry standards, organizational structure, professional equipment and on-set procedures. Students will also learn how the various film crafts relate to one-another on a working set, as well as how and why they all must operate in sync. In addition, students will learn skills related to networking and self-marketing.

FLME 3000 Lighting Design for Theatre, Film, and Television

CREDIT HOURS 4.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION (Same as JOUR 3000 and THEA 3000.) Principles, processes, and aesthetics of lighting design for the theatre, film, and television. Lectures, discussions, and design practica aid students in the development of a lighting plot. Production crew work required.

FLME 3100 TV Practicum

CREDIT HOURS 1.0 - 4.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Practical application of audio/video recording and editing skills to produce broadcast quality video to be aired by Georgia Public Broadcasting or other media partners with the university. Students will select from a calendar of events on and off campus to record audio/video and to post-produce for GPB programming, and some travel may be required. There is no set class time, but students will have review meetings to discuss their recordings and/or post-production work.

FLME 3115 Screenwriting & Visualization for the Short Film/Video

CREDIT HOURS 4.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Students will develop fiction scripts and/or non-fiction/documentary proposal documents for short film/video projects. Narrative and rhetorical strategies will be explored through characterization, structure, conflict and dialog/voice-over. Course provides an in-depth experience for students intending to make a short film or video in subsequent production courses from the script or proposal developed in the course.

FLME 3155 Digital Cinematography

CREDIT HOURS 4.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION A comprehensive introduction to cinematography. The course covers framing and lighting for different film and electronic imaging formats. Out of class collaboration is required. Student must bear all additional costs for productions during the semester.

FLME 3300 Dramatic Writing for Stage and Screen

CREDIT HOURS 3.0

PREREQUISITES Consent of instructor

DESCRIPTION Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval. (Same as THEA 3300.) Basic principles of generating creative concepts, writing in dialogue form, dramatic structure, characterization, and using page formats for both play and screenplay. Students will write short pieces in both forms.

FLME 3600 Radio/TV New Media History

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION An overview of the history of radio, television and new entertainment media in the cultural contexts in which they emerged and have evolved into the 21st century. Discusses the local, national, and international media environments that influenced broadcasting media forms and charts aesthetic, audience, production, regulatory, industrial and technological developments and the social meanings and debates provoked by programming.

FLME 3690 Honors Readings

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and readings on selected topics.

FLME 3800 Media Industries in Culture

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION 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.

FLME 3900 The Language of Film Through Production

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Introduction to time-based media production and analysis. Media production activities, lecture, screening and discussion.

FLME 4000 Acting and Directing

CREDIT HOURS 4.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Acting and Directing for the Camera. An in-depth exploration of approaches to performance for the actor and director of film and television production. Extensive out of class collaboration is required.

FLME 4120 Production I

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Two lecture and two laboratory hours per week. Introduction to film-style, digital video production with an emphasis on story development, basic editing technique and dynamic camerawork as a means to develop directorial vision. Students will produce short fiction, non-fiction and experimental projects. (Special authorization required. See degree requirements).

FLME 4125 Community-Based Media Production

CREDIT HOURS 4.0

PREREQUISITES FLME 4120 with grade of C or higher

DESCRIPTION Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval. Two lecture and two lab hours. Seminar combines service learning and advanced digital video production to preserve stories of overlooked local communities. (Special authorization required. See degree requirements).

FLME 4130 Production II

CREDIT HOURS 4.0

PREREQUISITES FLME 4120 with grade of C or higher

DESCRIPTION Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval. Two lecture and two laboratory hours per week. Advanced course in film-style, digital video and/or film production with additional focus on advanced story development, directing, lighting and sound. Students will pre-produce, produce and/or post-produce fiction, non-fiction and/or experimental projects. (Special authorization required. See degree requirements).

FLME 4135 Modes of Film and Digital Production

CREDIT HOURS 4.0

PREREQUISITES FLME 4120 with grade of C or higher

DESCRIPTION Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval. In-depth investigation into various modes and methods of film and digital production, including fiction, documentary, experimental, personal narrative, web video, interactive media, directing, cinematography, post-production, and sound design. May be repeated once if topic varies.

FLME 4140 Serial TV Production

CREDIT HOURS 4.0

PREREQUISITES FLME 4120

DESCRIPTION Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval. The creative, technical and managerial process of developing serialized entertainment for television as it propagates the Internet, both as audio-visual entertainment and audience response data. Students will learn the development, production, post-production, dissemination and analytic stages of contemporary New Media television practice by working in teams to produce a serial or episodic internet-based TV show. Extensive collaborative production required.

FLME 4145 Digital Editing

CREDIT HOURS 4.0

PREREQUISITES FLME 4120

DESCRIPTION Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval. An exploration of editing media through the manipulation of images and sound.

FLME 4150 Documentary Production

CREDIT HOURS 4.0

PREREQUISITES FLME 4120 with grade of B or higher

DESCRIPTION Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval. Two lecture and two lab hours. Advanced documentary digital video production with a focus on a variety of formal approaches to non-fiction filmmaking. (Film majors only: special authorization required. See degree requirements).

FLME 4155 Producing Emerging Media

CREDIT HOURS 4.0

PREREQUISITES FLME 4120 with a grade of B or higher

DESCRIPTION Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval. Two lecture and two laboratory hours. Students analyze and produce new media and then create a series of new and emerging media products. Students learn to use new forms of distribution and master promotional tools to build an audience for their work. Film majors only.

FLME 4156 Media Entrepreneurship

CREDIT HOURS 4.0

PREREQUISITES FLME 4120

DESCRIPTION Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval. Students will develop or continue to develop a media concept, business or technology through an intensive semester long curriculum structured as an incubator/accelerator. This class will study the convergence of media producer and media entrepreneur while students create at the intersection of media, business and technology and culminate with a final presentation of the studentâ⊠⊠s pitch and prototype to media industry professionals.

FLME 4157 Cross-Media Design

CREDIT HOURS 4.0

PREREQUISITES FLME 4120

DESCRIPTION Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval. Design multimedia stories from the ground up in which movies, video games, web sites, smart phone applications, comic books, and other media are equal partners and all elements of a complete story.

FLME 4158 New Media Production

CREDIT HOURS 4.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION An exploration of the production visual and audio assets for Internet transmission and interactive media experience, using techniques and forms that best utilize the evolving aesthetics of the digital and interactive media cultures of the moment. New concepts of interactive storytelling in documentary and/or fiction, and for the visualization of characters and their settings will blend cinematic aesthetics with other aesthetic systems.

FLME 4159 Computational Media

CREDIT HOURS 4.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION An introduction to the production of creative components of interactive and digital media derived from code and computation that is at the forefront of new forms of personal and public expression. Popular culture in the form of games, websites, interactive television, interactive animation and digital art use computational media, and will be the genres that students will produce.

FLME 4165 Special Production Topics

CREDIT HOURS 3.0 - 4.0

PREREQUISITES FLME 4120 with a grade of C or higher

DESCRIPTION Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval. Supervised experience in individual projects developed out of the student's professional or vocational interests and responsibilities. There is a fee associated with this course that must be paid on enrollment in the course. May be repeated once if topic varies.

FLME 4170 American Film History I

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Discussion of the structural, aesthetic, and social factors that shaped American film from its inception through the classic studio period.

FLME 4180 International Cinemas

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION An examination of a specific major international film industry or movement and its contributions to world cinema. Films will be studied in their immediate cultural and larger historical and critical contexts. May be repeated once if topic varies.

FLME 4185 Global Media and Culture

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Critically examines the ideological, cultural, economic, social, political and industrial dimension of media globalization, drawing on examples from diverse geographical and cultural locations, and reviews the main theoretical debates shaping contemporary conversations about globalization, media and culture. 3.0 credit hours. Global Perspectives Course.

FLME 4190 US Independent Film History

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION An examination of the industrial, socio-cultural and formal-aesthetic characteristics of independently produced, distributed and/or exhibited American films. This course also addresses the validity and usefulness of the "independent" label within the present media context.

FLME 4200 Television Analysis

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Examination of contemporary television's formal-aesthetic traits as well as its shifting position as a cultural, social, political and industrial force. Exploration of how television is being transformed as it converges with other digital technologies.

FLME 4210 Critical History of Radio and Television CTW

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION History of television and its origins in radio, focusing on the medium as a technology, an industry, a site of gender and racial representation, a component of American social history, and a cultural forum.

FLME 4240 Documentary Studies

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION The history of non-fiction film and production.

FLME 4250 Producing for Television and Film

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Role of the producer in television and film. Refinement of skills in developing program ideas, supervising production, and financing projects.

FLME 4260 Adapting Literature to Film

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION A study of how one medium is transformed into another based on a close reading of both. Adaptation theory will be included, as well as a consideration of the interim screenplay and the film production process where possible.

FLME 4280 Authors and Genres

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Study of genre theory as applied to specific genres such as western, melodrama, comedy, and detective film. May be repeated once if topic varies.

FLME 4310 Feature Screenwriting I

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Principles of writing the full-length screenplay for feature film. Preparation for and writing of the first half of the screenplay. The second half will be completed in the sequence course, Film 4320: Feature Screenwriting II.

FLME 4320 Feature Screenwriting II

CREDIT HOURS 3.0

PREREQUISITES FLME 4310 with grade of C or higher

DESCRIPTION Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval. Principles of writing the full-length screenplay for feature film, including contest competitions and marketing. Writing and revising the second half of the screenplay begun in Film 4310: Feature Screenwriting I.

FLME 4361 Sound Design

CREDIT HOURS 4.0

PREREQUISITES FLME 4120

DESCRIPTION Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval. The expressive aesthetics of motion picture sound, its technology and methods of production will provide students the foundations for creating soundtracks for their own films in progress, or for films already completed. Extensive lab time is required. Students must be able to work collaboratively to produce studio and field recordings.

FLME 4365 Experimental Media Production

CREDIT HOURS 4.0

PREREQUISITES FLME 4120

DESCRIPTION Only students who have met the Film an Media Major Eligibility Requirements may enroll in this course without department approval. An advanced production course that explores highly-personal avant-garde and experimental media making by any means necessary, including but not limited to: experimental documentary and fiction, found footage/cameraless filmmaking, new media, web video, mobile media, video art, installation, etc.

FLME 4370 Visual Effects for Film

CREDIT HOURS 4.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION This course will explore concepts of visual effects for film, television and games. These concepts will be applied to practical exercises where student will learn to manipulate media through compositing and 2-D animation.

FLME 4375 Music Video Production

CREDIT HOURS 4.0

PREREQUISITES FLME 4120

DESCRIPTION Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval. This advanced course explores the history and developing aesthetics of music video through hands-on production exercises and projects. Participants learn about, analyze, and discuss the variety of modes in which musicians promote themselves, express their worldviews, and tell stories through the music video medium.

FLME 4650 Media Theory

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Theoretical writing about television and other media from a cultural studies perspective. Critical Thinking Through Writing Course.

FLME 4750 Film Theory and Criticism-CTW

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Film form and techniques; theoretical and critical writing about film; screenings. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all film majors.

FLME 4760 African Americans in Film

CREDIT HOURS 4.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION (Same as AAS 4900.) Mainstream Hollywood representation of African-Americans and the alternative film portrayals by African-American producers.

FLME 4765 Gender in Film and Television

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION (Same as WGSS 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.

FLME 4770 Race and Representation

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Race as theory and method of representation across media and cultural spheres. Emphasis on close analysis of formal and social construction of racial meanings in national and international contexts. May be repeated once if content varies.

FLME 4780 Special Topics

CREDIT HOURS 3.0 - 4.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION May be repeated once if topic varies.

FLME 4800 Media Industries

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Technological, economic, historical, political, and social forces that shape the film, television, and media industries.

FLME 4810 Media and Popular Culture

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION (For Film majors only.) (Same as JOUR 4810.) Examination of mediated popular culture forms from a variety of analytical perspectives as a way to understand social structures and everyday practices. Emphasis on dominant cultural and subcultural readings of artifacts produced by the media.

FLME 4840 Computer Graphic Imaging

CREDIT HOURS 4.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION (Same as CSC 4840 and GRD 4840.) Study the theories, techniques and tools for creating 3D graphics content. Topics include 3D modeling, camera, lighting, materials, texture mapping, physics based modeling, basic animation, and rendering techniques (such as tracing and radiosity).

FLME 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings and research preparatory to honors thesis or project. This course may include a Signature Experience component.

FLME 4880 Honors Thesis: Writing

CREDIT HOURS 3.0 - 6.0

PREREQUISITES FLME 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

FLME 4890 Special Projects

CREDIT HOURS 3.0 - 9.0

PREREQUISITES Nine hours major credit and consent of instructor

DESCRIPTION Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval. Individually designed project in the area of film utilizing on-campus and/or field resources. May be repeated for a maximum of nine hours.

FLME 4910 Senior Seminar in Film-CTW

CREDIT HOURS 3.0

PREREQUISITES Senior class standing

DESCRIPTION Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval. An in-depth examination of the relationship between media authors and audiences, resulting in a significant research/creative project. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all film majors.

FLME 4915 Special Production Project

CREDIT HOURS 3.0 - 4.0

PREREQUISITES Consent of instructor

DESCRIPTION Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval. Supervised experience in individual projects developed out of the student's professional or vocational interests and responsibilities. There is a fee associated with this course that must be paid on enrollment in the course.

FLME 4960 American Film History II

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION American film from the post-classical period to the present. Discussion of the semiotics, aesthetics, economics and politics of Hollywood and independent cinema.

FLME 4980 Internship

CREDIT HOURS 1.0 - 6.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Eligibility criteria may be obtained from the School of Film, Media, and Theatre Internship Coordinator. Representative field experiences in film and media. This course cannot be repeated for more than 6 credit hours. This course may include a Signature Experience component.

FLME 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

PREREQUISITES Directed Readings designed for Bachelor of Interdisciplinary Studies students

DESCRIPTION Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

FLME 4999 Directed Readings

CREDIT HOURS 1.0 - 4.0

PREREQUISITES Only students who have met the Film and Media Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION

FI 3300 Corporation Finance

CREDIT HOURS 3.0

PREREQUISITES ACCT 2101, and ACCT 2102, and ECON 2105, and ECON 2106, and CIS 2010, and BUSA 2106

COREQUISITES BUSA 3000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION B.B.A. students may not register for this course until ECON 2105, and ECON 2106, and ACCCT 2102 are passed with degree credit, CSP 1, 2, 6. This is an introductory course in the financial management of nonfinancial corporations and the role of interest rates and capital markets in the economy. Topics include the structure and analysis of financial statements, time value of money calculations (using financial calculators), stock and bond valuation, financial forecasting, valuation of income-producing physical assets, determination of the cost of capital and the profitability of proposed investments in fixed assets, risk-return tradeoffs that must be considered in using financial leverage, and methods used in obtaining funds from the various capital markets. This course is taught mainly through lectures and class discussions of textual materials and problems.

FI 4000 Fundamentals of Valuation

CREDIT HOURS 6.0

PREREQUISITES FI 3300 (with B- or better), and MATH 1070 and BCOM 3950 and MGS 3100

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION This course develops core competencies that all finance majors should possess. Topics include foreign exchange markets, interest rate risk, term structure theory, introductory option pricing, future markets, valuation, and modern portfolio theory. Quantitative methods examined in conjunction with each topic.

FI 4020 Financial Analysis and Introduction to Loan Structuring

CREDIT HOURS 3.0

PREREQUISITES FI 3300

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION Students intensively examine financial statements and business characteristics to learn the information content of financial statements. Applications focus on how they can be used to identify the pattern of funds need for a business and the best financing vehicle to meet that need. The primary tools of analysis are financial statement construction, cash flow statements, financial ratios, common-sized statements, cash budgets, proforma statements, sustainable growth rates, and cost-volume- profit analysis. Students evaluate the needs of a variety of companies that differ with respect to type, industry, profitability, growth, seasonality, cyclicality, and degree of distress. The primary teaching method is case analysis, and a significant course objective is development of communication skills.

FI 4040 Foundations in International Finance

CREDIT HOURS 3.0

PREREQUISITES FI 4000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION This course exposes students to foreign exchange risk and develops their understanding of institutional realities encountered by the financial manager in a global economic environment. Activities of currency arbitrage, hedging, and speculation are examined in light of exchange rate regimes, eurocurrency markets, the balance of payments, mechanics of foreign exchange conditions in international finance, and international trade activities. Global Perspectives Course.

FI 4080 Financial Modeling

CREDIT HOURS 3.0

PREREQUISITES FI 4000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 4, 6

DESCRIPTION This course presents the tools necessary to build advanced Excel spreadsheets for financial decision making. Topics include financial statement modeling, firm valuation, portfolio construction, risk measurement, term structure modeling and option valuation. The spreadsheets created in this course will feature Visual Basic Applications, pivot tables, regression analysis, matrix operations, solver and goal seek.

FI 4200 Introduction to Derivative Markets

CREDIT HOURS 3.0

PREREQUISITES FI 4000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION This course introduces students to derivative instruments, which are contracts whose values derive from prices of underlying assets and goods such as equities, currencies, debt, and commodities. The main focus is on the valuation and application of the principal derivative building blocks including futures and forward contracts, options, and swaps. Coverage is given to the market structure and to how these products are specifically used by corporations and financial institutions for controlling financial market risks. The course keeps abreast of global developments and new product innovations.

FI 4210 Portfolio Management Practicum

CREDIT HOURS 1.0 - 3.0

PREREQUISITES FI 4000

REQUIREMENTS CSP 1, 2, 6

DESCRIPTION Registration is subject to instructor approval. Students meet weekly to manage an all equity security portfolio. Financial decision making is emphasized through use of quantitative and relative valuation models. Topics include sources of investment information, financial statement analysis, determination of cash flows, equity valuation, technical analysis, behavioral finance, investment policy statement, sector allocation, risk, and performance attribution. Effective presentation and persuasion skills emphasized. First semester Bloomberg certification is part of evaluation criteria. Second semester Series 65 and CFA Ethics Self-Test are part of evaluation criteria. Students are expected to repeat this course for a total of 3 hours credit.

FI 4240 Global Portfolio Management

CREDIT HOURS 3.0

PREREQUISITES FI 4000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION Using FI 4000 as a base, this course explores the practical aspects of investment valuation and portfolio management in a global framework. The focus is on market microstructure, framework, bond-equity-portolio management, and overall asset allocation. Practical aspects of portolio management are introduced through lectures and class discussions of journal articles and of cases.

FI 4260 Hedge Funds, Mutual Funds, and Trading Strategies

CREDIT HOURS 3.0

PREREQUISITES FI 4000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION This is an advanced undergraduate elective course on investment funds including hedge funds, mutual funds, and exchange-traded funds (ETFs). The course will cover their organizational forms, performance, and risk-return characteristics. The course will consider many of the trading strategies employed by funds such as long-short equity, merger arbitrage, relative value arbitrage, and convertible arbitrage. Students will gain skills in designing and proposing risk-appropriate trading strategies to meet client needs. The course will also reflect ongoing developments and changes in markets, demographics, legal environment, regulations, and technology.

FI 4300 Advanced Corporate Finance

CREDIT HOURS 3.0

PREREQUISITES FI 4000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course develops a framework for analyzing corporate investment and financial decisions facing financial managers and introduces students to the tools to make such decisions. Students are introduced to the central issues in capital structure and dividend policy decisions and the interaction between financing and investment decisions. Techniques are introduced for evaluating strategic investments in technology, mergers and acquisitions, corporate restruc- turings and research and development. They also form the basis for the valuation of firms in traditional and new-technology industries and security offerings such as initial public offerings. A variety of pedagogical vehicles are used including problem solving, case studies, lectures, and group projects.

FI 4320 Corporate Financial Decision Making

CREDIT HOURS 3.0

PREREQUISITES FI 4000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 4, 6

DESCRIPTION This course uses a combination of lectures, case analyses, class discussion, and projects to develop the ability and skills necessary to devise and implement strategic financial decisions within the firm. Students will learn how to bridge the conceptual foundations and the practice of finance to create and execute value-enhancing strategies under realistic scenarios. Specific topics may include the estimation of divisional cost of capital, project analysis, and firm valuation. The course will also cover selected topics such as incentive alignment, corporate governance, and financial restructuring based on current relevance and innovation in the field.

FI 4389 Directed Readings in Finance

CREDIT HOURS 1.0 - 3.0

PREREQUISITES FI 4000 and consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION

FI 4391 Field Studies in Finance

CREDIT HOURS 1.0 - 3.0

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION Prerequisite; FI 4000 and consent of instructor. The field study is a supervised, business-site learning experience that provides students the opportunity to learn and apply finance skills in a professional setting. Participating students are expected to perform business- related tasks for a designated number of hours each week, to attend educational lectures and seminars, and to submit assignments, projects and term papers. Participating students will be selected through a competitive review. May be taken more than once, but only three credits may be applied toward major requirements. This course may include a Signature Experience component.

FI 4400 Financial Institutions

CREDIT HOURS 3.0

PREREQUISITES FI 4000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION This course examines the major financial management issues confronting depository financial service firms (commercial banks and bank holding companies, savings organizations, credit unions). Specific topics include the economics of intermediation; forces affecting change;legal/regulatory influences; profitability analysis; and management of various risk areas such as interest rate risk, liquidity risk, and capital management. One area not covered is loan analysis since the topic is treated in great depth in FI 4020. Classroom instruction includes lecture, discussion, and cases.

FI 4420 The Financial System

CREDIT HOURS 3.0

PREREQUISITES FI 4000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION This is a macro-finance course, focusing on the broad issue of funds flows through the entire economy. The objective is to provide students with an understanding of the characteristics of the major financial markets and financial instruments, the identity and nature of the major players in those markets, the forces influencing how funds flow through the worldwide system, and the role of interest rates in the process. While the course does address the role of the Federal Reserve in the financial system, monetary theory and policy are not covered.

FOLK 3000 American Folklore

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 or ENGL 1103 with grade of C or higher

DESCRIPTION Regional character of the United States, illustrated by a variety of folklore genres from each region, including legends, songs, customs, arts, and crafts.

FOLK 3100 Folklore and Literature

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 or ENGL 1103 with grade of C or higher

DESCRIPTION Literary aspects of folklore relevant to the English major, including oral literature genres (especially the folktale and ballad) and analysis of the uses of folklore in literary works.

FOLK 4000 Georgia Folklife

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 or ENGL 1103 with grade of C or higher

DESCRIPTION European-American, African-American, and Native American traditions of the southeastern United States with concentration on Georgia, illustrated by materials from the Georgia Folklore Archives.

FOLK 4020 America's Folk Crafts

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 or ENGL 1103 with grade of C or higher

DESCRIPTION Traditional hand skills of North American folk-culture regions including folk arts, crafts, architecture, food-ways and preindustrial technology, their Old World sources, and display in folk museums.

FOLK 4050 Global Ceramic Traditions

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 or ENGL 1103 with grade of C or higher

DESCRIPTION Cross-listed with FOLK 6050. An international survey of folk pottery from prehistory to today, combining material folklore study, art history, and cultural geography to explore continuity and change in hand-based technologies, societal uses and meanings of traditional clay products and aesthetics and creativity in each group's tradition.

FOLK 4100 British Folk Culture

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 or ENGL 1103 with grade of C or higher

DESCRIPTION The oral, musical, customary, and material traditions of England, Scotland, and Wales, including their regional variation and reflection of major historical currents.

FOLK 4110 Irish Folk Culture

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 or ENGL 1103 with grade of C or higher

DESCRIPTION Traditional culture from the Celts to the present, including saga literature, farmsteads and houses, music, singing, storytelling, and supernatural beliefs.

FORL 2101 Introduction to Language

CREDIT HOURS 3.0

DESCRIPTION (Same as AL 2101.) A non-technical introduction to issues pertaining to language and languages, including language structure, first and second language acquisition, language variation (regional and social), and language change.

FORL 2102 Languages of the World

CREDIT HOURS 3.0

DESCRIPTION (Same as AL 2102.) Survey of the world's languages and an introduction to the variety of linguistic phenomena found in different languages.

FORL 3021 Introduction to Linguistics

CREDIT HOURS 3.0

DESCRIPTION (Same as AL 3021.) An introduction to the major areas of linguistics: phonetics, phonology, morphology, syntax, semantics, historical linguistics, and sociolinguistics.

FORL 3022 Developing and Marketing Second Language Teaching Skills

CREDIT HOURS 3.0

DESCRIPTION This course prepares students to understand language learning processes and current best teaching practices to maximize learners' proficiency. Students create a portfolio to demonstrate their ability to teach foreign languages at home and abroad, in the public or private sector. Topics addressed include learner characteristics, second language development and assessment, and standards-based lesson planning in meaningful cultural contexts and proficiency assessment. Strategies for marketing second language abilities and teaching are developed.

FORL 3041 Introduction to Second Language Acquisition

CREDIT HOURS 3.0

PREREQUISITES AL 3021 or FORL 3021 with grade of C or higher, or equivalent

DESCRIPTION (Same as AL 3041.) Introduction to processes of acquiring a second (foreign or additional) language. Compares the experiences of young children, adolescents, and adult-age language learners.

FORL 3300 Society in World Literature and Culture

CREDIT HOURS 3.0

DESCRIPTION This course will promote a critical understanding of cultural production (film and video, music, photography, urban spaces, literature, and more) in connection to real world issues in a global context. Taught in English. Global Perspectives Course.

FORL 4011 Phonetics and Phonology

CREDIT HOURS 3.0

PREREQUISITES FORL 3021 or AL 3021 with grade of C or higher, or equivalent

DESCRIPTION (Same as AL 4011.) The description and classification of the sounds of human language; patterns of their occurrence and rules governing their use in various languages; emphasis on phonology in a generative framework.

FORL 4012 Morphology and Syntax

CREDIT HOURS 3.0

PREREQUISITES FORL 3021 or AL 3021 with grade of C or higher, or equivalent

DESCRIPTION (Same as AL 4012.) Introduction to the basic concepts of syntax, including work classes, constituents, case systems, word order, and grammatical relations. Emphasis on comparison of syntax of a wide variety of languages.

FORL 4021 Technology Integration for Foreign Language Teaching and Learning

CREDIT HOURS 3.0

DESCRIPTION Selection and use of technology resources in the Pre-K-12 classroom with an emphasis on foreign language instruction. Students learn how to select and integrate appropriate technologies that align with edTPA and principles of communicative language teaching in order to enhance student learning, language proficiency and interculturality. A special emphasis is placed on emerging technologies and video development.

FORL 4025 Approaches to Early Language Learning, Grades P-8

CREDIT HOURS 3.0

DESCRIPTION This course prepares individuals to work with second/foreign language learners in developmentally appropriate ways to maximize young learners' second language proficiency. Topics addressed are: learner characteristics, child development theories, second language development and assessment, dual language immersion, approaches to effective Standards-based lesson planning in meaningful cultural contexts for grade levels P-8, and edTPA.

FORL 4026 Approaches to Language Teaching, Grades 9-12

CREDIT HOURS 3.0

DESCRIPTION Applicable knowledge of learner characteristics, foreign language curricula and standards, edTPA, unit/lesson planning, approaches to effective lesson implementation and assessment in meaningful cultural contexts for grade levels 9-12.

FORL 4027 Methods and Materials for Teaching Latin: P-12

CREDIT HOURS 3.0

DESCRIPTION Methodologies for teaching Latin in P-12; lesson planning, teaching culture, and classroom techniques; goals of a Latin curriculum year by year. Syntax and the natural method of reading Latin.

FORL 4030 Teaching Diverse World Language Learners – Field Experience

CREDIT HOURS 3.0

PREREQUISITES FORL 4025 or FORL 4026 with a grade of C or higher, or equivalent

DESCRIPTION This field-based experience offers students an opportunity to observe and teach diverse world language students in local K-12 schools. In addition to learning about how to differentiate instruction to meet diverse learner needs, students will complete a mini edTPA in preparation for the culminating field experience class.

FORL 4060 Teaching Diverse World Language Learners – Internship

CREDIT HOURS 3.0 - 6.0

DESCRIPTION Internship in Foreign Language Education. This full-time field-based experience offers students an opportunity to hone their teaching skills in local K-12 World Language classrooms under the guidance of a university supervisor and an on-site mentor. Students will gain experience planning, instructing, and assessing for diverse learners. The course culminates with the official submission of edTPA (a national standardized teacher performance assessment), which is required for teacher certification.

FORL 4061 Teaching Diverse World Language Learners – Student Teaching

CREDIT HOURS 4.0

PREREQUISITES completion of all other course in teacher education, and passing score on departmental language proficiency examination

DESCRIPTION Student Teaching in Foreign Languages. This full-time field-based experience offers students an opportunity to hone their teaching skills in local K-12 world language classrooms under the guidance of a university supervisor and an on-site mentor. Students will gain experience planning, instructing, and assessing for diverse learners. The course culminates with the official submission of edTPA (a national standardized teacher performance assessment), which is required for teacher certification. This course may include a Signature Experience component.

FORL 4062 Teaching Diverse World Language Learners – Student Teaching

CREDIT HOURS 4.0

PREREQUISITES Completion of all other courses in teacher education, and passing score on departmental language proficiency examination

DESCRIPTION This full-time field-based experience offers students an opportunity to hone their teaching skills in local K-12 World Language classrooms under the guidance of a university supervisor and an on-site mentor. Students will gain experience planning, instructing, and assessing for diverse learners. The course culminates with the official submission of edTPA (a national standardized teacher performance assessment), which is required for teacher certification. This course may include a Signature Experience component.

FORL 4063 Teaching Diverse World Language Learners – Student Teaching

CREDIT HOURS 4.0

PREREQUISITES Completion of all other courses in teacher education, and passing score on the departmental language

DESCRIPTION Students will gain experience planning, instructing, and assessing for diverse learners. The course culminates with the official submission of edTPA (a national standardized teacher performance assessment), which is required for teacher certification. This course may include a Signature Experience component.

FORL 4111 Semantics and Pragmatics in Linguistic Theory

CREDIT HOURS 3.0

PREREQUISITES FORL 3021 or AL 3021 with grade of C or higher, or equivalent

DESCRIPTION (Same as AL 4111.) Broad range of topics in semantics, the study of how language communicates meaning, and in pragmatics, the study of how language is used to accomplish a speaker's intention.

FORL 4121 Historical Linguistics

CREDIT HOURS 3.0

PREREQUISITES AL 3021 or FORL 3021 with grade of C or higher, or equivalent

DESCRIPTION (Same as AL 4121.) Comprehensive introduction to historical and comparative linguistics with a focus on causes and mechanisms of language change over time.

FORL 4131 Bilingualism

CREDIT HOURS 3.0

PREREQUISITES AL 3021 or FORL 3021 with grade of C or higher, or equivalent

DESCRIPTION (Same as AL 4131.) Comprehensive introduction to the phenomena, role, and function of bilingualism in the contemporary world with special emphasis on North America.

FORL 4650 Opening School Experience

CREDIT HOURS 0.0

PREREQUISITES Admitted to Teacher Education

DESCRIPTION Course is graded as satisfactory/unsatisfactory. A minimum grade of "S" is required for this course. Students gain practical experiences in the school and classroom during the week of preplanning and the first week of school. While assisting in the classroom, students learn effective procedures for beginning the school year. This course may include a Signature Experience component.

FORL 4990 Foreign Language Education Independent Study

CREDIT HOURS 3.0

PREREQUISITES Foreign Language Teacher Education majors only with a grade point average of 3.0 or better in all course work

DESCRIPTION Independent Study - Special Topics for Foreign Language Teacher Education majors only with a grade point average of 3.0 or better in all course work. Special topics readings and/or research to be determined in consultation with the instructor.

FRSC 2100 Introduction To Forensic Science

CREDIT HOURS 3.0

DESCRIPTION This course will familiarize students with the basic principles and uses of forensic science in the American system of justice. Forensic science is the study and application of science to the processes of law and involves the collection, examination, evaluation and interpretation of evidence. This field encompasses many scientific areas, which, if used properly, can make invaluable contributions to the resolution of social and legal disputes. The course will review the basic applications of the biological, physical, chemical, medical and behavioral sciences to questions of evidence and law. In doing so, students should gain a basic understanding of the capabilities and limitations of the forensic sciences as they are presently practiced.

FREN FRENCH

FREN 1001 Elementary French I

CREDIT HOURS 3.0

DESCRIPTION Development of basic skills in listening, speaking, reading, and writing; acquisition of grammatical structures. Students are introduced to various aspects of Francophone culture. Not open to native speakers of French.

FREN 1002 Elementary French II

CREDIT HOURS 3.0

PREREQUISITES FREN 1001 with grade of C or higher, or placement into 1002

DESCRIPTION Development of basic skills in listening, speaking, reading, and writing; acquisition of grammatical structures. Students are introduced to various aspects of Francophone culture. Not open to native speakers of French.

FREN 2001 Intermediate French I

CREDIT HOURS 3.0

PREREQUISITES FREN 1002 with grade of C or higher, or placement into 2001

DESCRIPTION Continuing development of listening, speaking, reading, and writing skills. Vocabulary expansion; further work with grammatical structures. Francophone culture presented. Not open to native speakers of French.

FREN 2002 Intermediate French II

CREDIT HOURS 3.0

PREREQUISITES FREN 2001 with grade of C or higher, or placement into 2002

DESCRIPTION Continuing development of listening, speaking, reading, and writing skills through the use of audio and video materials as well as literary and nonliterary texts. Francophone culture presented. Not open to native speakers of French.

FREN 3010 French Pronunciation

CREDIT HOURS 1.0

PREREQUISITES FREN 2001 with grade of C or higher, or equivalent

DESCRIPTION Basic rules of French pronunciation; introduction to phonetic transcription of French.

FREN 3013 Intensive Grammar Review

CREDIT HOURS 3.0

PREREQUISITES FREN 2002 with grade of C or higher, or equivalent

DESCRIPTION Intensive review and in-depth analysis of grammatical structures.

FREN 3023 Advanced Conversation and Composition

CREDIT HOURS 3.0

PREREQUISITES FREN 2002 with grade of C or higher, or equivalent

DESCRIPTION Development of oral fluency, vocabulary building, and practice in the patterns of idiomatic French; correct expression, style, and organization in expository writing.

FREN 3033 Introduction to the Analysis of Literary Texts-CTW

CREDIT HOURS 3.0

PREREQUISITES FREN 2002 with grade of C or higher, or equivalent

DESCRIPTION Introduction to the analysis of literary texts in various genres, with emphasis on the continuing development of reading, writing, and speaking skills. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all French majors. Global Perspectives Course.

FREN 3395 Study Abroad

CREDIT HOURS 1.0 - 3.0

DESCRIPTION French language and culture in a native environment. Designed specifically for students participating in the University System of Georgia Study Abroad Programs. Global Perspectives Course. This course may include a Signature Experience component.

FREN 3396 Study Abroad

CREDIT HOURS 1.0 - 3.0

DESCRIPTION French language and culture in a native environment. Designed specifically for students participating in the University System of Georgia Study Abroad Programs. This course may include a Signature Experience component. Global Perspectives Course.

FREN 3397 Study Abroad

CREDIT HOURS 1.0 - 3.0

DESCRIPTION French language and culture in a native environment. Designed specifically for students participating in the University System of Georgia Study Abroad Programs. This course may include a Signature Experience component. Global Perspectives Course.

FREN 3690 Honors Readings

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and readings on selected topics.

FREN 4033 French for International Business I

CREDIT HOURS 3.0

PREREQUISITES FREN 3013, FREN 3023, and FREN 3033 with grades of C or higher, or consent of the instructor

DESCRIPTION Discussion of current business and economic issues in French-speaking countries with an emphasis on strategy, international marketing and entrepreneurship. 3.000 credit hours. Crosslisted with FREN 6108. Global Perspectives Course.

FREN 4043 French for International Business II

CREDIT HOURS 3.0

PREREQUISITES FREN 3013, FREN 3023, and FREN 3033 with grades of C or higher, or consent of the instructor

DESCRIPTION Discussion of current economic issues in French-speaking countries as well as in the European Union and of business issues with an emphasis on professional communication and international job search. 3.000 credit hours. Cross listed with FREN 6109. Global Perspectives Course.

FREN 4053 Advanced Grammar and Translation

CREDIT HOURS 3.0

PREREQUISITES FREN 3013, FREN 3023, and FREN 3033 with grades of C or higher

DESCRIPTION Advanced grammar, expansion of vocabulary, and introduction to comparative stylistics through translation of both literary and non-literary texts.

FREN 4063 Practicum in French

CREDIT HOURS 3.0

PREREQUISITES senior standing and consent of instructor

DESCRIPTION Directed work in special projects; field experience; internship. This course may include a Signature Experience component.

FREN 4103 History of French Civilization-CTW

CREDIT HOURS 3.0

PREREQUISITES FREN 3013, FREN 3023, and FREN 3033 with grades of C or higher

DESCRIPTION Social, political, intellectual, and artistic developments from the Middle Ages through the nineteenth century. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all French majors. Global Perspectives Course.

FREN 4113 Special Topics in French and Francophone Culture and Civilization

CREDIT HOURS 3.0

PREREQUISITES completion of at least three, 3000-level courses with a grade of C or higher, or consent of instructor

DESCRIPTION Study of trends or movements in the culture and civilization of France and francophone areas and countries. Topics may cover various historical periods and may include the study of such aspects of a civilization or culture as politics, education, media, religion, the arts and popular culture. May be repeated if topics vary. Counts toward French minor or major or as an upper-division elective.

FREN 4123 Contemporary France-CTW

CREDIT HOURS 3.0

PREREQUISITES FREN 3013, FREN 3023, and FREN 3033 with grades of C or higher

DESCRIPTION Social, artistic, and intellectual developments as reflected in current French texts. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all French majors. Global Perspectives Course.

FREN 4203 Medieval and Renaissance French Literature

CREDIT HOURS 3.0

PREREQUISITES FREN 3013, FREN 3023, and FREN 3033 with grades of C or higher

DESCRIPTION Early development of the principal literary forms in poetry and prose; influence of humanistic thought on major authors of the sixteenth century; special emphasis on Rabelais, the Pleiade, and Montaigne. Global Perspectives Course.

FREN 4303 French Literature of the Classical Period

CREDIT HOURS 3.0

PREREQUISITES FREN 3013, FREN 3023, and FREN 3033 with grades of C or higher

DESCRIPTION Representative readings by important authors in various genres. Global Perspectives Course.

FREN 4403 French Literature of the Enlightenment

CREDIT HOURS 3.0

PREREQUISITES FREN 3013, FREN 3023, and FREN 3033 with grades of C or higher

DESCRIPTION Rise and development of the "philosophical" movement and of pre-romanticism. Representative readings by important authors in various genres. Global Perspectives Course.

FREN 4414 Topics in French and Francophone Culture and Society

CREDIT HOURS 3.0

PREREQUISITES FREN 3013, FREN 3023, and FREN 3033 with grades of C or higher

DESCRIPTION Study of particular authors, genres, schools, or topics not covered in regular courses. May be repeated if topics vary.

FREN 4503 French Romanticism, Realism, and Symbolism

CREDIT HOURS 3.0

PREREQUISITES FREN 3013, FREN 3023, and FREN 3033 with grades of C or higher

DESCRIPTION Principal trends of the nineteenth century. Representative readings by important authors in various genres. Global Perspectives Course.

FREN 4613 French Literature of the Twentieth Century I

CREDIT HOURS 3.0

PREREQUISITES FREN 3013, FREN 3023, and FREN 3033 with grades of C or higher

DESCRIPTION Major literary trends through 1945. Representative readings by important authors in various genres. Global Perspectives Course.

FREN 4623 French Literature of the Twentieth Century II

CREDIT HOURS 3.0

PREREQUISITES FREN 3013, FREN 3023, and FREN 3033 with grades of C or higher

DESCRIPTION Major literary trends since 1945. Representative readings by major authors in various genres. Global Perspectives Course.

FREN 4633 Francophone Literature

CREDIT HOURS 3.0

PREREQUISITES FREN 3013, FREN 3023, and FREN 3033 with grades of C or higher

DESCRIPTION Major literary works from Francophone cultures beyond France. Representative readings from major and emerging writers in various genres. Global Perspectives Course.

FREN 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

FREN 4880 Honors Thesis: Writing

CREDIT HOURS 3.0 - 6.0

PREREQUISITES FREN 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or the production of honors thesis or project. This course may include a Signature Experience component.

FREN 4990 Independent Study – Special Topics for Majors

CREDIT HOURS 1.0 - 4.0

PREREQUISITES Completion of at least two 3000-level French courses with a grade of C or higher and consent of the instructor

DESCRIPTION For French majors with a grade point average of 3.0 or better in major courses and all course work. No more than four credit hours may be applied toward the major. Special topics readings and/or research to be determined in consultation with the instructor.

GEOG GEOGRAPHY

GEOG 1101 Introduction to Human Geography

CREDIT HOURS 3.0

DESCRIPTION This course explores global patterns of population dynamics, economic systems, cultural groups, geopolitics, urbanization, and resource distribution, and provides a conceptual framework for understanding the complexities and unevenness of these patterns.

GEOG 1112K Introduction to Weather and Climate

CREDIT HOURS 4.0

DESCRIPTION Spatial processes governing weather and climate, and the relationship between climate systems and the distribution of vegetation types. Successful completion of [GEOG 1112] & [GEOG 1112L] or [GEOG 1112K] and [GEOG 1113] & [GEOG 1113L] or [GEOG 1113K] satisfies natural sciences core requirement for non-science majors.

GEOG 1113K Introduction to Landforms

CREDIT HOURS 4.0

DESCRIPTION Introduction to landforms, their origin, development, and spatial distribution. Successful completion of [GEOG 1112] & [GEOG 1112L] or [GEOG 1112K] and [GEOG 1113] & [GEOG 1113L] or [GEOG 1113K] satisfies natural sciences core requirement for non-science majors.

GEOG 4020 Urban Environments

CREDIT HOURS 3.0

DESCRIPTION Examines the physical environmental processes relating to soil, climate, water, and ecosystems that characterize urban environments as opposed to more natural or rural ones. Explore the human-environmental interface in urban areas as reflected in issues such as environmental justice, sustainability, resilience, population growth, unequal distribution of resources, and public health. Sustainability will be particularly emphasized. The City of Atlanta is used as a living laboratory for the course.

GEOG 4050 Natural Enviornment of Georgia

CREDIT HOURS 4.0

DESCRIPTION Georgia is a state with great a diversity of natural communities, in large part because of the many different landscapes present in the state. Through readings, discussions, tests, field outings, projects and in-class exercises, students will become familiar with the principles involved in the structure and function of Georgia's dwindling, but diverse, ecosystems. There will be an emphasis on plant communities and the physical environment, but animal communities and landscape management strategies will also be covered. Locations, diversity, and plant indicator species (especially trees) will be examined in the classroom and in the field, and experiential learning is emphasized. This course may include a Signature Experience component.

GEOG 4051 Introduction to the Environmental History of Georgia

CREDIT HOURS 4.0

PREREQUISITES GEOL 1121K (or GEOL 1121 and GEOL 1121L), or GEOG 1113K, or GEOL 2001, or BIOL 2108k (or BIOL 2108 and BIOL 2108L), or consent of the instructor

DESCRIPTION Georgiaâ⊠⊠s natural environments have been impacted at varying spatial and temporal scales since the initial arrival of humans in the Southeastern US approximately 10,000 years ago. Significant impacts were realized following the arrival of European colonists in the late 16th century. An analysis of anthropogenic impacts will be provided to understand changes in the landscapes and hydrologic systems of Georgia through time.

GEOG 4097 Topics in Geographical Sciences

CREDIT HOURS 1.0 - 3.0

PREREQUISITES consent of instructor

DESCRIPTION One to three lecture hours a week. Detailed presentation of a selected topic in geographical sciences. May be repeated for credit for a maximum of six credit hours if topic is different.

GEOG 4402 Geography of Africa

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4400.) An overview of the physical, economic, and cultural geography of Africa, including North Africa. Emphasis on relationships between Africa's resources, both human and physical, and the development process.

GEOG 4515 Qualitative Methods in Geography

CREDIT HOURS 3.0

DESCRIPTION This course provides the theoretical knowledge and practical skills required to carry out qualitative research in geography. It focuses on the need and merits of qualitative research, the "how to" of various qualitative research methods, and issues related to ethics, the research-researched relationship, and positionality.

GEOG 4518 Digital Cartography

CREDIT HOURS 3.0

DESCRIPTION An introduction to the principles, methods, theory, and practices of contemporary digital cartography.

GEOG 4520 Quantitative Spatial Analysis

CREDIT HOURS 3.0

PREREQUISITES MATH 1070 with grade of C or higher, or consent of instructor

DESCRIPTION Techniques of spatial analysis of geographic data; emphasis on sampling, measurements, and pattern analysis of points, lines, and areas on maps.

GEOG 4530 Introduction to Remote Sensing

CREDIT HOURS 4.0

PREREQUISITES six hours of natural science laboratory sequence or consent of instructor

DESCRIPTION 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 Introduction to Geographic Information Systems

CREDIT HOURS 4.0

DESCRIPTION Fundamental concepts and applications of raster and vector- based GIS emphasizing analysis of digital spatial data through applied methods.

GEOG 4534 Advanced Geographic Information Systems

CREDIT HOURS 4.0

PREREQUISITES GEOG 4532 with grade of C or higher, or consent of instructor

DESCRIPTION Advanced GIS concepts relating to spatial database creation and on-line distribution.

GEOG 4536 GIS Programming

CREDIT HOURS 4.0

PREREQUISITES GEOG 4534 with a C or higher

DESCRIPTION This course introduces programming to advanced GIS users. It is an upper-level undergraduate to graduate level course to develop GIS programming skills.

GEOG 4538 Urban Geographic Information Systems

CREDIT HOURS 4.0

DESCRIPTION The course is an upper-level undergraduate course to graduate level course developed to introduce students to measurement and analysis associated with spatial patterns of urban issues. It addresses contemporary urban importance and presents the quantitative and qualitative skills that can be used in understanding how spatial patterns arise and what they imply for policy making.

GEOG 4550 Field School in the Geosciences

CREDIT HOURS 3.0 - 9.0

DESCRIPTION Development of fieldwork skills in both physical and human geography, including project design, data collection, and analysis and presentation. Fieldwork projects are designed to aid in the development of future research projects, including senior papers, practicums, and theses. Extensive travel required. This course may include a Signature Experience component.

GEOG 4640 Geomorphology

CREDIT HOURS 3.0

PREREQUISITES GEOG 1113k (or GEOG 1113) or GEOL 1122K (or GEOL 1122 and GEOG 1122L) with grade of C or higher, or consent of instructor

DESCRIPTION Classification and analysis of landforms using theoretical and quantitative approaches; emphasis upon surface processes in various environments.

GEOG 4642 Advanced Weather and Climate

CREDIT HOURS 3.0

PREREQUISITES GEOG 1112k (or GEOG 1112) with grade of B or higher, or consent of instructor

DESCRIPTION Dynamic elements of weather and climate, systems of climate, classification and the regional distribution of climatic types; relationship between climatic systems and the distribution of soil and vegetation types.

GEOG 4644 Environmental Conservation

CREDIT HOURS 3.0

PREREQUISITES GEOL 1121K (or GEOL 1121 and GEOL 1121L), GEOL 1122K (or GEOL 1122 and GEOL 1122L), GEOG 1112k (or GEOG 1112), or GEOG 1113k (or GEOG 1113) with grade of B or higher, or consent of instructor

DESCRIPTION Social and policy perspectives of natural resource management; development of the American conservation movement, federal land policy, and significant environmental legislation; analysis of local and global environmental issues.

GEOG 4646 Water Resources

CREDIT HOURS 3.0

PREREQUISITES GEOG 1112K (or GEOL 1112), GEOG 1113K (or GEOG 1113), or GEOL 1121K (or GEOL 1121 and GEOL 1121L), or consent of instructor

DESCRIPTION General characteristics of water resources; principles and methodology, planning procedures, political, socioeconomic, and legal aspects of water resources management.

GEOG 4648 Biogeography

CREDIT HOURS 3.0

PREREQUISITES GEOG 1112K (or GEOG 1112) and BIOL 2108K (or BIOL 2108 and BIOL 2108L) with grades of B or higher, or consent of instructor

DESCRIPTION Spatial variations, processes, and environmental constraints influencing the distribution of life.

GEOG 4650 Surface Water Hydrology

CREDIT HOURS 3.0

PREREQUISITES GEOG 1112K, GEOG 1113K, or GEOL 1122K with grade of C or higher, or consent of instructor

DESCRIPTION Applications of principles of hydrology to urban development, flood forecasting, agriculture and forestry, and water resources management; statistical and modeling techniques in hydrology.

GEOG 4762 Economic Geography

CREDIT HOURS 3.0

DESCRIPTION Systematic examination of the changing world economic system including traditional and modern agriculture, manufacturing, and service activity in both developing and developed areas. Global Perspectives Course.

GEOG 4764 Urban Geography CTW

CREDIT HOURS 3.0

DESCRIPTION Comparative study of the location, function, and internal spatial structure of urban areas. Special attention given to the impact of transportation, residential, commercial, and industrial activity on the changing form of cities and suburbs. Cities Perspectives Course.

GEOG 4768 Metropolitan Atlanta

CREDIT HOURS 3.0

DESCRIPTION (Same as HIST 4320 and SOCI 4279.) Interdisciplinary perspective focusing on social, historical, and geographic processes that have shaped the Atlanta region. Cities Perspectives Course.

GEOG 4774 Contemporary Urban Theory and Issues

CREDIT HOURS 3.0

DESCRIPTION An examination of urban geographical theory as a framework for understanding contemporary cities in the United States. Cities Perspectives Course.

GEOG 4778 Political Geography

CREDIT HOURS 3.0

DESCRIPTION The impact of geographical factors such as nationalism, the state and territory, ideology, and colonialism/imperialism on global political geography. Followed by a brief introduction to the political geography of the United States. Global Perspectives Course.

GEOG 4784 Global Climate Change

CREDIT HOURS 3.0

PREREQUISITES GEOG 1112k (or GEOG 1112) or GEOL 1122 or GEOL 2001 with grade of C or higher, or consent of instructor

DESCRIPTION An assessment of the understanding of many aspects of recent climatic change. The focus is on how human activities can cause climatic change as well as how humans and ecosystems can be affected by those changes. Specific topics will include technical aspects of climatic observations and modeling, actual and potential impacts of climatic change on human and natural systems, and climatic-change influences on public policy.

GEOG 4830 Senior Seminar CTW

CREDIT HOURS 3.0

PREREQUISITES At least 15 hours of geosciences or geology at the 4000-level with grades of C or higher, and enrollment in a concentration in Geography, Urban Studies, or Environmental Geosciences, or consent of the instructor

DESCRIPTION Philosophical foundations of geography, contemporary problems and issues, and traditional research skills. Data acquisition and processing, analysis, writing, and presentation of research findings. Intended to serve as a capstone to the undergraduate curriculum. This course is only offered during the fall semester and should be completed in the fall prior to graduation. Serves as the Critical Thinking Through Writing (CTW) course required of all geosciences majors. This course may include a Signature Experience component.

GEOG 4832 Geography Internship

CREDIT HOURS 3.0

PREREQUISITES advanced standing, and approval of sponsoring faculty advisor and of department chair

DESCRIPTION Academic training and professional experience through short-term internships at public or private agencies. Paper required. May be taken more than once, but only three credits may be applied toward major requirements. This course may include a Signature Experience component.

GEOG 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

GEOG 4880 Honors Thesis: Writing

CREDIT HOURS 3.0

PREREQUISITES GEOG 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

GEOG 4995 Directed Readings B.I.S.

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

GEOL GEOLOGY

GEOL 1121 Introductory Geology I

CREDIT HOURS 3.0

COREQUISITES GEOL 1121L

DESCRIPTION This course covers the formation and internal structure of the Earth, plate tectonics, earthquakes,volcanism, minerals, and rocks.

GEOL 1121K Introductory Geology I: Dynamic Earth

CREDIT HOURS 4.0

DESCRIPTION Formation and internal structure of the Earth, plate tectonics, earthquakes and volcanism, minerals and rocks. Includes a laboratory component.

GEOL 1122 Introductory Geology II

CREDIT HOURS 3.0

PREREQUISITES GEOL 1121K, or GEOL 1121 and GEOL 1121L, with a grade of "D" or better

COREQUISITES GEOL 1122L

DESCRIPTION This course focuses on Earth surface and sedimentary environments, hydrologic cycle, environmental geology, energy resources, geologic time, evolution and the fossil record, and the geology of Georgia and North America.

GEOL 1122K Introductory Geology II: Earth and Life Through Time

CREDIT HOURS 4.0

PREREQUISITES GEOL 1121 and GEOL 1121L or GEOL 1121K with a grade of C or higher

DESCRIPTION Earth surface and sedimentary environments, hydrologic cycle, environmental geology, energy resources, geologic time, evolution and the fossil record, geology of Georgia and North America. Includes a laboratory component.

GEOL 2001 Geologic Resources and the Environment

CREDIT HOURS 3.0

DESCRIPTION Three lecture hours a week. The origin, distribution, and consequences of consuming the Earth's resources (metallic, non-metallic, soil, and groundwater). Topics include fossil fuels, nuclear energy, alternative energy sources, uses of minerals, waste disposal, and contaminants in the environment.

GEOL 4003 Aqueous Geochemistry

CREDIT HOURS 3.0

PREREQUISITES GEOL 1121K, MATH 2212, and CHEM 1212K

DESCRIPTION Three lecture hours a week. Theoretical aspects of aquatic chemistry with applications to natural water systems. Major topics include thermodynamic theory, sorption systematics, oxidation-reduction reactions, mineral-water interaction, and isotope geochemistry applied to hydrogeology.

GEOL 4005 Geology of Georgia

CREDIT HOURS 3.0

PREREQUISITES GEOL 1121K, or equivalent, or consent of instructor

DESCRIPTION Geology of Georgia, a study of the influence of geology and geologic history on biology and biodiversity, is an intense field trip-based laboratory science course designed for science majors and minors and for outdoor enthusiasts and nature lovers who have a natural science background.

GEOL 4006 Sedimentology and Stratigraphy CTW

CREDIT HOURS 4.0

PREREQUISITES GEOL 1121K and GEOL 1122K with a grade of C or higher, or permission of instructor

DESCRIPTION Properties of sediments; origin, classification, and description of sedimentary rocks; principles of stratigraphy; analysis of sedimentary facies and environments of deposition. Three lecture and three laboratory hours a week, plus field trips.

GEOL 4007 Hydrogeology

CREDIT HOURS 3.0

PREREQUISITES GEOL 1122K and MATH 2212, or permission of instructor

DESCRIPTION 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 4008 Rock Fracture and Fluid Flow

CREDIT HOURS 3.0

PREREQUISITES GEOL 4007 and GEOL 4013 with a C or higher or consent of instructor

DESCRIPTION Formation and analysis of rock fracture and its relationship to hydraulic properties of shallow dual porosity aquifers, flow equations in fractured rock, hydraulic testing of fractured rock, role of fracture in karstification, methods of detection and analysis of fractured aquifers.

GEOL 4011 Principles of Paleontology

CREDIT HOURS 4.0

PREREQUISITES GEOL 1122K with grade of C or higher or consent of instructor

DESCRIPTION Three lecture and three laboratory hours a week. An introduction to the principles of paleontology including taphonomy, taxonomy, evolution, and extinction by examination of the fossil record. Study of commonly preserved organisms and their use in paleoecology, paleoenvironmental reconstruction, biostratigraphic correlation, and conservation paleobiology will be stressed as well. This course may include a Signature Experience component.

GEOL 4013 Structural Geology

CREDIT HOURS 4.0

PREREQUISITES GEOL 4015

DESCRIPTION Introduction to the principles of structural geology including theories and methods of analysis of stress, strain, rheology, fractures, folding, faulting, foliation, and lineation. The study of geologic maps and cross sections. Three lecture and three laboratory hours a week.

GEOL 4015 Crystallography and Optical Mineralogy

CREDIT HOURS 4.0

PREREQUISITES GEOL 1121K, GEOL 1122K, and CHEM 1211K with grades of C or higher or concurrent registration

DESCRIPTION Principles of crystallography and optical mineralogy. Laboratory study of minerals using the polarizing microscope. Three lecture and three laboratory hours a week.

GEOL 4016 Igneous and Metamorphic Petrology

CREDIT HOURS 4.0

PREREQUISITES GEOL 4015 with grade of C or higher

DESCRIPTION Three lecture and three laboratory hours a week. Nature, distribution, and origin of igneous and metamorphic rocks in relation to tectonic setting and experimental studies. Laboratory study of igneous and metamorphic rocks in hand specimen and thin section.

GEOL 4017 Environmental Geology

CREDIT HOURS 3.0

PREREQUISITES GEOL 1121K and CHEM 1211K

DESCRIPTION Application of geological and geochemical concepts to the study of Earth's near surface environment. Topics may include water supply and pollution, global warming, ozone depletion, soil contamination, natural disasters, mineral resources, environmental management, and selected regulations. Quantitative treatment of population growth and water resources. Global Perspectives Course.

GEOL 4023 Terrestrial Sediments

CREDIT HOURS 3.0

PREREQUISITES GEOL 4006 with grade of C or higher or consent of instructor

DESCRIPTION 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 4042 Environmental Instrumentations

CREDIT HOURS 4.0

PREREQUISITES CHEM 1212K or equivalent; MATH 2212 (calculus with one variable)

DESCRIPTION Theoretical and practical aspects of analytical instrumentations and methodologies used for modern-day analysis of environmental samples (water, soils, sediments, biological tissues, etc.) including the basis for each analysis, limitations and potential sources of errors.

GEOL 4095 Seminar in Geosciences

CREDIT HOURS 1.0

PREREQUISITES at least 12 hours in geology or geography

DESCRIPTION One lecture hour per week. Current research topics in geosciences. May be repeated once.

GEOL 4097 Topics in Geological Sciences

CREDIT HOURS 1.0 - 3.0

PREREQUISITES consent of instructor

DESCRIPTION One to three lecture hours a week. Detailed presentation of a selected topic in geological sciences. May be repeated for credit for a maximum of six credit hours if topic is different.

GEOL 4098 Independent Research in Geological Sciences

CREDIT HOURS 3.0

PREREQUISITES prior approval of a written program of the proposed work and consent of instructor

DESCRIPTION Six laboratory hours a week. It is normal for the research to span more than one semester.

GEOL 4120 Basic Field Geology

CREDIT HOURS 4.0

PREREQUISITES GEOL 4006 and GEOL 4013 with a C or higher and completion of a core-curriculum science sequence and consent of instructor

DESCRIPTION Nine hours a day, six days a week, for three weeks. Introduction to field geology in the Rocky Mountains of Montana, with emphasis on basic concepts and field methods. Construction of simple geologic maps, cross sections, and stratigraphic columns, using topographic maps and aerial photographs in the field. Includes a seven-day excursion to geologically interesting areas of the Western U.S. This course may include a Signature Experience component.

GEOL 4121 Advanced Field Geology

CREDIT HOURS 4.0

PREREQUISITES GEOL 4006 and GEOL 4013 with grades of C or higher, GEOL 4120 or concurrently, and consent of instructor

DESCRIPTION Nine hours a day, six days a week for three weeks. Intensive geologic mapping and interpretation in the Rocky Mountains of Montana, with particular emphasis on complexly deformed areas. Includes mapping in folded and faulted sedimentary rocks, intrusive and volcanic igneous rocks, and high-grade metamorphic basement terrain. Construction of multiple cross sections for complex structures and advanced interpretation of geologic history of complex areas. Involves extensive, rough, off-trail hiking. This course may include a Signature Experience component.

GEOL 4123 Geoinformatics

CREDIT HOURS 3.0

DESCRIPTION Fundamentals of geoscience knowledge representation applying Semantic Web technologies of OWL, RDF, and RDFS. Design and development of spatial and process ontologies, data analytics, design of relational database, Python and data science.

GEOL 4235 Water, Wastewater, and the Environment

CREDIT HOURS 3.0

PREREQUISITES 4 Hours of Natural Science Lab

DESCRIPTION This course introduces the environmental context, principles, and approaches to water quality and treatment. The course includes multi-disciplinary perspectives on water and wastewater, including biology, chemistry, engineering, hydraulics, and quantitative methods. Students will be able to identify the major processes of treatment systems, factors that influence their efficacy, and methods of collection, conveyance, and analysis.

GEOL 4550 Field School in the Geosciences

CREDIT HOURS 3.0 - 9.0

DESCRIPTION Development of fieldwork skills in the geosciences, 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 may be required. This course may include a Signature Experience component.

GEOL 4830 Senior Seminar CTW

CREDIT HOURS 3.0

PREREQUISITES At least 15 hours of geology or geography at the 4000-level with grades of C or higher, and enrollment in a concentration in Geosciences, Urban Studies, or Environmental Geosciences, or consent of the instructor

DESCRIPTION Philosophical foundations of geography, contemporary problems and issues, and traditional research skills. Data acquisition and processing, analysis, writing, and presentation of research findings. Intended to serve as a capstone to the undergraduate curriculum. This course is only offered during the fall semester and should be completed in the fall prior to graduation. Serves as the Critical Thinking Through Writing (CTW) course required of all geosciences majors.

GEOL 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis project. This course may include a Signature Experience component.

GEOL 4880 Honors Thesis: Writing

CREDIT HOURS 3.0

PREREQUISITES GEOL 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

GEOL 4995 Directed Readings B.I.S.

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

GRMN GERMAN

GRMN 1001 Elementary German I

CREDIT HOURS 3.0

DESCRIPTION Development of basic skills in listening, speaking, reading and writing; acquisition of grammatical structures. Students are introduced to various aspects of German culture. Not open to native speakers of German.

GRMN 1002 Elementary German II

CREDIT HOURS 3.0

PREREQUISITES GRMN 1001 with grade of C or higher, or placement into 1002.Development of basic skills in listening, speaking, reading, and writing; acquisition of grammatical structures

DESCRIPTION Students are introduced to various aspects of German culture. Not open to native speakers of German.

GRMN 2001 Intermediate German I

CREDIT HOURS 3.0

PREREQUISITES GRMN 1002 with grade of C or higher, or placement into 2001

DESCRIPTION Continued development of listening, speaking, reading, and writing skills. Vocabulary expansion; further work with grammatical structures. German culture presented. Not open to native speakers of German.

GRMN 2002 Intermediate German II

CREDIT HOURS 3.0

PREREQUISITES GRMN 2001 with grade of C or higher, or placement into 2002

DESCRIPTION Continued development of listening, speaking, reading, and writing skills. Vocabulary expansion; further work with grammatical structures. German culture presented. Not open to native speakers of German.

GRMN 3301 Advanced German I-CTW

CREDIT HOURS 3.0

PREREQUISITES GRMN 2002 with grade of C or higher, or equivalent

DESCRIPTION An advanced language skills course, designed to bring students to the level of "Zertifikat Deutsch als Fremdsprache." Emphasis on improvement of skills in the spoken language. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all German majors.

GRMN 3302 Advanced German II: Practical Conversation

CREDIT HOURS 3.0

PREREQUISITES GRMN 3301 with a C or higher

DESCRIPTION An advanced language course with emphasis on improvement of skills in the spoken language. Development of oral communication skills and vocabulary building through practical scenarios on topics relating to everyday situations and professional life.

GRMN 3311 Stories and Histories

CREDIT HOURS 3.0

PREREQUISITES GRMN 2002 with a grade of C or higher or its equivalent

DESCRIPTION Students build their German reading skills and interpretative skills to comprehend and analyze increasingly complex texts. We will read and discuss representative texts from different genres and periods. Global Perspectives Course.

GRMN 3313 Introduction to German Cultural Studies

CREDIT HOURS 3.0

PREREQUISITES GRMN 3311 with a grade of C or higher

DESCRIPTION A bridge course designed to help students acquire the interpretive skills required to comprehend and analyze increasingly complex cultural texts. Global Perspectives Course.

GRMN 3395 Study Abroad

CREDIT HOURS 3.0

DESCRIPTION German language and culture in a native environment. Designed specifically for students participating in the University System of Georgia Study Abroad Programs. This course may include a Signature Experience component. Global Perspectives Course.

GRMN 3396 Study Abroad

CREDIT HOURS 3.0

DESCRIPTION German language and culture in a native environment. Designed specifically for students participating in the University System of Georgia Study Abroad Programs. This course may include a Signature Experience component. Global Perspectives Course.

GRMN 3397 Study Abroad

CREDIT HOURS 3.0

DESCRIPTION German language and culture in a native environment. Designed specifically for students participating in the University System of Georgia Study Abroad Programs. This course may include a Signature Experience component. Global Perspectives Course.

GRMN 3690 Honors Readings

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and reading on selected topics.

GRMN 4401 History of the German Language

CREDIT HOURS 3.0

PREREQUISITES GRMN 3302 with grade of C or higher

DESCRIPTION An introduction to basic linguistics and the historical development of German.

GRMN 4402 German Communication and Perspective- CTW

CREDIT HOURS 3.0

PREREQUISITES GRMN 3302 with a C or higher

DESCRIPTION This course provides advanced students of German opportunities to become better communicators by refining their written expression through sustained projects involving writing on a variety of topics. Projects are tailored to particular aspects of the grammar and morphology of the language, involving the creation of persuasive, hypothetical, critical and expository texts. This course is a designated Critical Thinking through Writing (CTW) course.

GRMN 4411 Crossing Borders: German Literature and Culture

CREDIT HOURS 3.0

DESCRIPTION This course on transnational literature and culture investigates East-West flows of ideas, people, and practices as we analyze texts by writers and directors from Germany, Austria, Switzerland, and beyond the borders of Europe. Global Perspectives Course. Course taught in English but many texts in German. Global Perspectives Course.

GRMN 4413 Screen Cultures: German Film and Media Studies

CREDIT HOURS 3.0

DESCRIPTION Course taught in English with many of the media samples in German. A careful reading of selected films, television shows, and other visual media representative of major directors, artists, movements, and debates in German cinema and visual cultures. Global Perspectives Course.

GRMN 4414 Topics in German Literature

CREDIT HOURS 3.0

PREREQUISITES GRMN 4411 or GRMN 4413 with grade of C or higher

DESCRIPTION Extended study of a single author, theme, or time in the history of German literature. May be repeated for credit if topic varies.

GRMN 4421 Introduction to German Civilization

CREDIT HOURS 3.0

PREREQUISITES GRMN 3302 or GRMN 3313 with grade of C or higher

DESCRIPTION Social, philosophical, artistic, and literary movements and the individuals who have contributed to the formation of present-day Germany; further development of conversational skills. Global Perspectives Course.

GRMN 4422 Contemporary Germany

CREDIT HOURS 3.0

PREREQUISITES GRMN 3302 or GRMN 3313 with grade of C or higher

DESCRIPTION Social, political, and economic issues as reflected in current German texts. Global Perspectives Course.

GRMN 4431 German for International Business I

CREDIT HOURS 3.0

PREREQUISITES GRMN 3302 or GRMN 3313 with grade of C or higher

DESCRIPTION Business vocabulary and correspondence. Protocol of business environment. Reading and analysis of commercial texts. Global Perspectives Course.

GRMN 4432 German for International Business II

CREDIT HOURS 3.0

PREREQUISITES GRMN 4431 with grade of C or higher

DESCRIPTION Readings in the foreign language of current materials related to business and trade structures, issues, and procedures. Global Perspectives Course.

GRMN 4435 Techniques of Translation

CREDIT HOURS 3.0

PREREQUISITES GRMN 3302 with a grade of C or higher or equivalent, or consent of instructor

DESCRIPTION Expansion of vocabulary and introduction to comparative stylistics through translations, mainly from German into English, of both literary and non-literary texts.

GRMN 4465 Practicum in German

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION Directed work in special project; field experience; internships. This course may include a Signature Experience component.

GRMN 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

GRMN 4880 Honors Thesis: Writing

CREDIT HOURS 3.0 - 6.0

PREREQUISITES GRMN 4870, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

GRMN 4990 Independent Study – Special Topics for Majors

CREDIT HOURS 1.0 - 4.0

PREREQUISITES Completion of at least two 3000-level German courses with a grade of C or higher and consent of the instructor

DESCRIPTION For German majors with a grade point average of 3.0 or better in major courses and all course work. No more than four credit hours may be applied toward the major. Special topics readings and/or research to be determined in consultation with the instructor.

GERO 2000 Introduction to Gerontology

CREDIT HOURS 3.0

DESCRIPTION This course is an interdisciplinary and multidisciplinary introductory course for undergraduates interested in learning about human aging. Drawing on diverse perspectives including sociology, psychology, political science, biology and health professions, this class identifies basic components of human aging in the United States. 3 Credit Hours.

GERO 3124 Diversity and Aging

CREDIT HOURS 3.0

DESCRIPTION This course examines aging as a social process and focuses on the influence of ethnicity and race, as well as other key social relations in shaping the life course. We will define and examine diversity and disparity and consider many of the socio-cultural factors that give rise to differences across the life course and in later life. Crosslisted with SOCI 3124; Target Group: All undergraduate students, Gero and Soci undergraduate majors.

GERO 4110 Aging Policy and Services

CREDIT HOURS 3.0

DESCRIPTION (Same as SOCI 4110.) Aging policy, services and programs emphasizing legislation, funding, planning, the aging network, and the long-term care system.

GERO 4116 Aging and Society

CREDIT HOURS 3.0

DESCRIPTION (Same as SOCI 4116.) An introduction to processes and problems of aging for individuals and society with a focus on social relationships, aging in families, caregiving, retirement, and age politics.

GERO 4119 Global Aging and Families

CREDIT HOURS 3.0

DESCRIPTION (Same as SOCI 4119.) This is an upper division undergraduate course designed to introduce population aging at a global level in a global perspective. The course utilizes macro-sociological approaches to explain how demographic changes, global economic transformations, and social policies influence aging experiences, processes, and families in different regions of the world. It also combines micro-sociological approaches to examine how families are changing in roles and responsibilities as well as in forms and structures because of population aging in a global context, informing students how aging is not just a personal issue but is affected by gender, race, ethnicity, class, as well as national boundaries. Global Perspectives Course.

GERO 4122 Death, Dying and Loss

CREDIT HOURS 3.0

DESCRIPTION (Same as SOCI 4122.) The process of death and dying, including the social roles of the dying person, the family, and those of the hospital and institutional staff; the social factors influencing death; social functions of bereavement; and problems in coping created by medical technology and longevity.

GERO 4130 Ties that Bind: Family, Intimacy, and Aging

CREDIT HOURS 3.0

DESCRIPTION (Same as SOCI 4130.) This course examines older adults' family lives and intimate relationships in social, historical and demographic context. Emphasis is placed on understanding in the type, nature, content and meaning of relationships, and on identifying influential factors, including, for example, gender, race, ethnicity, class, sexual orientation, and health status.

GERO 4200 Health and the Older Adult

CREDIT HOURS 3.0

DESCRIPTION (Same as SNHP 4200.) This course provides an introduction to physiological aging and the health status of older people and is designed for non-health professionals who work with older adults. Normal aging processes, age-related changes, and associated health promotion activities will be discussed. Information on the assessment and implications of alterations in functional health states, drug use, and referral sources are included.

GERO 4475 Communication and Aging

CREDIT HOURS 3.0

DESCRIPTION (Same as Spch 4475.) This course provides a broad overview of the ways in which communication affects, and is affected by, the aging process and introduces students to theory and research in the area of communication and aging.

GERO 4610 Psychology of Aging

CREDIT HOURS 3.0

DESCRIPTION (Same as PSYC 4610.) Psychological contributions to the understanding, prevention, and treatment of normal and abnormal changes of later life.

GERO 4700 Special Topics in Gerontology

CREDIT HOURS 3.0

DESCRIPTION This course provides an in-depth study of a topic in gerontology that is not currently included in the curriculum. May be repeated if topic differs.

GERO 4800 Directed Study in Gerontology

CREDIT HOURS 1.0 - 6.0

DESCRIPTION This course supervised by a gerontology faculty member allows students to gain knowledge and skills in a particular area of gerontology through independent study.

GERO 4850 Senior Seminar in Gerontology

CREDIT HOURS 3.0

PREREQUISITES Grade of C or higher in all gerontology courses

DESCRIPTION This is the culminating course for the Bachelors of Interdisciplinary Studies in Gerontology program. It will provide a highly interactive experience for students that will allow for the application of core gerontological concepts and develop students' written and oral communication skills. Target Group: BIS in Gerontology or Undergraduate Certificate in Gerontology Students.

GERO 4910 Gerontology Internship

CREDIT HOURS 1.0 - 6.0

PREREQUISITES grade of C or higher in all gerontology courses

DESCRIPTION A structured and supervised work experience in the field of aging designed to teach students about current issues of policy and practice and enhance their career development. In consultation with faculty and staff advisors, students plan the internship in accordance with their experience, areas of interest, and individual goals. This course may include a Signature Experience component.

GERO 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

GLOS 2030 Introduction to Asian Studies

CREDIT HOURS 3.0

DESCRIPTION This course provides a broad overview of Asiaâ⊠⊠s historical, political, socio-economic, and cultural diversity and dynamics. Students will learn what Asia is all about and how it has been conceptualized and understood in the West by critically engaging with the â⊠⊠Orientalism," â⊠⊠Asian modernity," and â⊠⊠great divergenceâ⊠⊠ debates. They will study Asian societies, economies, cultures, and politics in a multidisciplinary framework and from global and comparative perspectives. Anyone interested in Asian politics, history, economies, and cultures will find this course interesting and useful.

GLOS 3000 Foundations in Global Research

CREDIT HOURS 3.0

DESCRIPTION Introduces the theory and practice of social science research methods necessary to understand pressing global issues. Gives an overview of the research process and examines issues researchers encounter in academic, professional, and applied research. Emphasizes practical skills relevant to studentsâ⊠⊠ future coursework and careers. Global Perspectives Course. This course serves as the Critical Thinking Through Writing requirement for the BIS in Global Studies.

GLOS 3100 Introduction to Global History

CREDIT HOURS 3.0

DESCRIPTION What is the story behind globalization, the processes and effects of integration and disruption on a world scale in the contemporary moment. This course explores the exciting field of global history, with its emphasis on the shaping force of contexts and connections linking societies and regions in recent centuries. We will highlight the value of historicizing global conditions and relations by following the unfolding of key economic, political, cultural, and environmental processes. Same as HIST 3100. Global Perspectives Course.

GLOS 3500 Culture and Change in Africa

CREDIT HOURS 3.0

PREREQUISITES AAS 1140, AAS 2010, ANTH 2020, or SOCI 1101 with grade of C or higher, or consent of instructor

DESCRIPTION Provides an introduction to the ethnography of Sub-Saharan Africa. It highlights change and resistance to change and seeks to understand the historical and cultural conditions underpinning current predicaments facing African societies, as well as the fact that tragedy is only one facet of African lives and experiences. Suitable for students majoring in Global Studies, Anthropology, African-American Studies, History, and the Social and Behavioral Sciences. Global Perspectives Course.

GLOS 3515 North Africa and the World to 1800

CREDIT HOURS 4.0

DESCRIPTION Political, economic, cultural and social history of North Africa and its interactions with the Mediterranean world, Sub-Saharan Africa and the broader world system. Examines the history of the Berbers alongside the history of Arab and European influences in the region from Roman times to 1800. Same as HIST 3515. Clobal Perspectives Course.

GLOS 3520 Early Modern Europe,1500-1789

CREDIT HOURS 4.0

DESCRIPTION Transition from medieval to modern Europe; special attention to the Northern Renaissance, the Protestant and Catholic Reformations; the emergence of a competitive state system; the evolution of nation states; gender roles and the pre-industrial economy; and the conceptual revolution in science and philosophy. Same as HIST 3520. Global Perspectives Course.

GLOS 3530 Europe since 1789

CREDIT HOURS 4.0

DESCRIPTION Society and politics since the age of enlightenment; special attention to revolution, reaction and reform; class, gender and industrial capitalism; imperialism and nationalism; democracy, fascism, and communism; economic integration: citizenship, immigration, and new social movements. Same as HIST 3530. Global Perspectives Course.

GLOS 3620 The Atlantic World: Encounters, Empires, Diasporas, Revolutions

CREDIT HOURS 4.0

DESCRIPTION The Atlantic World as a space of cross-cultural contact, empire and nation-building, diasporas, and revolutions since the fifteenth century; transatlantic encounters in Africa, Europe, and the Americas; conquest, colonialism, and creolization; slavery, emancipation, and capitalism; indigenous survival, subaltern resistance, and popular religion; Atlantic world legacies in cultural and political identities. Same as HIST 3620. Global Perspectives Course.

GLOS 3630 Empires in the Modern World

CREDIT HOURS 3.0

DESCRIPTION This course explores the interactive history of empires, both horizontally among great powers and vertically between rulers and subjects, since the sixteenth century. These interactions shaped, restructured, and dissolved supposedly monolithic empires. We will interrogate the cross-cultural encounters of imperial expansion; the raced and gendered nature of imperial hierarchies, identities, and imaginaries; the lived experience of colonial rule; the interplay of world economy, world war, and anticolonial projects for reform, revival, and revolution in the â⍰⍰decline and fallâ⍰⍰ of empire; and the uneven and contradictory transition from an â⍰⍰imperialâ⍰⍰ to an â⍰⍰internationalâ⍰⍰ world order. Same as HIST 3630. Global Perspectives Course.

GLOS 3650 Africa and the World

CREDIT HOURS 4.0

DESCRIPTION This interdisciplinary course explores the long and extensive international history of Africa, focusing on its relations with other civilizations and regions of the world, from medieval times to the present. The weekly inter-related and inter-woven topics will include Medieval African Kingdoms and the Trans-Saharan Trade; the Indian Ocean Trade; European colonialism; Africa, the World Wars and the Cold War; African relations with the US, Western Europe and the former USSR; China and India in Africa; the UN and other global IGOs/NGOs in Africa; Africa and the global economy; globalization and Africa; and Africa and the African Diaspora in the Americas. Same as HIST 3650. Global Perspectives Course.

GLOS 3700 China and Japan to 1600

CREDIT HOURS 4.0

DESCRIPTION Origins and development of two ancient civilizations, with emphasis upon traditional thought, cultures, institutions, and change. Same as HIST 3700. Global Perspectives.

GLOS 3710 China and Japan since 1600

CREDIT HOURS 4.0

DESCRIPTION East Asia in modern transformation from 1600 to the present, emphasizing pre-nineteenth century prosperity, nineteenth-century crises, and twentieth-century change. Same as HIST 3710. Global Perspectives Course.

GLOS 3720 Colonial Latin America

CREDIT HOURS 4.0

DESCRIPTION Spainâ□□s and Portugalâ□□s conquests and settlements in the Western hemisphere; the organization and collapse of their colonial systems. Same as HIST 3720. Global Perspectives Course.

GLOS 3730 Latin America since 1810

CREDIT HOURS 4.0

DESCRIPTION Political, economic, and social developments of the major countries, such as Mexico, Argentina, Brazil, and Chile. Same as HIST 3730. Global Perspectives Course.

GLOS 3780 Middle East 600-1800

CREDIT HOURS 4.0

DESCRIPTION Political, cultural, social, and economic developments in the lands from Spain to Central Asia since the rise of Islam. Same as HIST 3780 and MES 4110. Global Perspectives.

GLOS 3800 History of India from the Indus Civilization to the Present

CREDIT HOURS 3.0

DESCRIPTION This course provides a broad overview of the political, economic, social, and cultural processes in Indian history from the Indus Civilization (c. 2500 BCE) to the present. Students will learn about major developments in the long historical trajectory that have shaped the societies, cultures, polities, and economies of the subcontinent and continue to influence the present-day life. A critical evaluation of Indiaâ□□s historical processes during the four and a half millennia will help students understand the contemporary political, social, and economic dynamics of the region. Students will discuss a variety of issues and their historical context, such as caste and social hierarchy, Buddhist-Hindu-Muslim relations, religious radicalism and ethnic violence, economic growth, and Indiaâ□□s position in the modern world economy. Through a combination of reading and analysis of literature and primary sources, watching movies/documentaries, and in-class discussions students will learn about major historical developments and their implications for the peoples, societies, economies, and cultures of the region. Same as HIST 3800.

GLOS 3850 China, India, and the Modern World Economy

CREDIT HOURS 3.0

DESCRIPTION How to define and understand the modern world economy. What place did China and India have in it. This comparative global history course addresses these questions. It familiarizes students with the main characteristics of the world economy and the place and role of China and India in it. Prior to 1800, China and India were at the forefront of the world economy and since the early 19th century, Europe and North America have held a dominant position in it. Rapid economic growth in China and India since the early 1990s is indicative of a major reconfiguration in the world economy. This course offers historical and contemporary perspectives on the modern world economy and a comparative analysis of the role of states, markets, trade networks, economic institutions, commodity production, consumption, and socio-cultural values in the economies of China, India, and Europe/North America. Same as HIST 3850.

GLOS 3900 Human Rights in Historical Perspective

CREDIT HOURS 3.0

DESCRIPTION Exploration of the historical development of human rights as contested ideal, movement, and institution. Topics may include premodern origins of human rights, modern struggles for the recognition of human rights, and historic and recent controversies around the legitimacy of human rights. May be repeated if topic varies. Same as HIST 3900. Global Perspectives Course.

GLOS 4040 Race, Class and Gender in Global Perspective

CREDIT HOURS 3.0

PREREQUISITES ANTH 2020 with grade of C or higher, or consent of instructor

DESCRIPTION Exploration of the various ways that perceptions and designations of race, class, and gender intersect with each other and shape the human experience. This includes an analysis how categories of class, ethnicity, and gender affect daily life for people in multiethnic, stratified societies, particularly in terms of how inequities of access to wealth, power, and resources have emerged on global and local levels. Structural violence is an important theme of many of the readings in the class. The idea of race as a social construct rather than a biological phenomenon is another key topic. We will examine how gender identity and gender roles are shaped by culture. Globalization and immigration, and their relationship to gender, race, and class, are foci of the latter part of the course. (Same as ANTH 4040 & WGSS 4040.) Global Perspectives Course.

GLOS 4114 Language and Social Justice

CREDIT HOURS 4.0

PREREQUISITES ANTH 2020 or ANTH 2040, or AL 2101 or ForL2101, or AL 2102 or FORL 2102

DESCRIPTION This course focuses on the linguistic anthropological study of inequality and questions of social justice that arise. From the work of translation in institutional settings that often falls to bilingual children of immigrants to the marked evaluation of African-American English, students will explore how language is integral in processes of exclusion, stigma, and oppression. Same as ANTH 4114. Global Perspectives.

GLOS 4210 Global Issues of Social Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 or SOCI 1101 with grades of C or higher, or equivalent

DESCRIPTION A survey course that covers topics in social psychology from a cross-cultural lens, focusing on global issues. Topics include: cultural values, methodological equivalences, inter-cultural group conflict, self and identity, aggression and violence, attitudes about immigration and refugees, and altruism. The course is suitable for undergraduate students majoring in sociology, psychology, and the social and behavioral sciences. Global Perspectives Course.

GLOS 4211 Psychology of Terrorism

CREDIT HOURS 3.0

DESCRIPTION This seminar provides an interdisciplinary examination of the motivations for terrorism with emphasis on communication, political, and applied social psychology perspectives. Topics include defining terrorism, preconditions, recruitment, domestic and international terrorism, as well as case studies and analysis of terrorist organizations. Global Perspectives Course.

GLOS 4215 Politics of Peace

CREDIT HOURS 3.0

DESCRIPTION Explores the challenges of building stable political systems in the wake of civil war, using cases drawn from all regions of the world. The course is suitable for undergraduate students majoring in Global Studies, Political Science, and the Social and Behavioral Sciences. Global Perspectives Course.

GLOS 4490 The Anthropology of Globalization

CREDIT HOURS 4.0

PREREQUISITES ANTH 2020 with a grade of C or higher

DESCRIPTION This course critically analyzes the concept of globalization by examining the various components that are often invoked in defining/discussing the concept and the current world structure. We will explicitly examine the anthropological components of globalization and determine the manner in which it shapes culture, constructions of identity, restrictions of the body, distributions of economic and natural resources, intercultural contact, and patterns of global inequality. Global Perspectives Course.

GLOS 4540 Britain and the World, 1500-1700

CREDIT HOURS 4.0

DESCRIPTION The history of the early modern British Isles and their interaction with the wider world. Special attention to the Reformation; changes in governance; civil war; society, gender, and the preindustrial economy. Also includes emphasis on interactions between the different countries of the British Isles, and to contact between Britain and the wider world though imperialism, trade, and travel. Same as HIST 4540. Global Perspectives Course.

GLOS 4550 Domestic Field School

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Consent of instructor

DESCRIPTION This variable credit course provides participating students with an opportunity to gain practical experience in global studies in the United States. Global Perspectives Course. This course may include a Signature Experience component.

GLOS 4551 Britain and the World since 1700

CREDIT HOURS 3.0

DESCRIPTION Exploration of the interconnected histories of the British isles, the British empire, and the wider world since the eighteenth century; rise of British economic, political, and cultural power on a world scale; politics of class, gender, race, and nation in metropole, colonies, and diasporas; vicissitudes of global hegemony and imperial rivalry; decline, decolonization, and globalization. Same as HIST 4550.

GLOS 4560 International Field Experience

CREDIT HOURS 1.0 - 3.0

PREREQUISITES 9 credit hours in Global Studies, minimum GPA of 2.5, and consent of instructor

DESCRIPTION This variable credit course provides participating students with an opportunity to gain practical experience in global studies in another country through an organized study abroad trip. Global Perspectives Course. This course may include a Signature Experience component.

GLOS 4650 Special Topics in Global Studies

CREDIT HOURS 3.0

DESCRIPTION Intensive treatment of specified topics in global studies. May be repeated for credit if topic varies. Global Perspectives Course.

GLOS 4651 Special Topics Global Studies – CTW

CREDIT HOURS 3.0

DESCRIPTION Intensive treatment of specified topics in global studies. Critical Thinking through Writing. May be repeated for credit if topic varies. Global Perspectives Course.

GLOS 4652 Comparative Global Studies

CREDIT HOURS 3.0

DESCRIPTION Topics may include comparative study of selected countries and regions of the world or themes in comparative analysis of global issues. May be repeated for credit if topic varies.

GLOS 4760 Research Practicum

CREDIT HOURS 3.0

PREREQUISITES Minimum sophomore standing, overall GPA of 2.5 or higher, and consent of instructor who will supervise research

DESCRIPTION Students assist professors within the Global Studies Department on research projects. The course may include such tasks as: research on assigned topics, the collection and analysis of evidence from primary sources, composition of memos, fieldwork, and other experiences in support of Professor-led research. This course may include a Signature Experience component. Varies in topics and themes. Global Perspectives Course.

GLOS 4761 Directed Study in Global Studies

CREDIT HOURS 1.0 - 3.0

DESCRIPTION This variable credit hour course allows students to design a directed study on a special topic with a faculty member. Global Perspectives Course. This course may include a Signature Experience component.

GLOS 4810 Honors Thesis-Writing

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION A specialist guides students in the writing of an honors thesis based on the collection and analysis of evidence from primary sources. Varies in topics and themes.

GLOS 4870 Honors Thesis-Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION A specialist guides students in the design of individual research topics, the collection and analysis of evidence from primary sources, and the composition of a coherent research paper with depth. This course may include a Signature Experience component. Varies in topics and themes. Global Perspectives Course.

GLOS 4880 Honors Thesis: Writing

CREDIT HOURS 1.0 - 6.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component. Global Perspectives Course.

GLOS 4910 Internship in Global Studies

CREDIT HOURS 3.0

PREREQUISITES 9 credits in Global Studies, minimum GPA of 2.5, and consent of instructor

DESCRIPTION This course provides participating students with an opportunity to gain practical experience working in an organization dedicated to navigating the complex demands of the global workplace, and to engage in critical reflection regarding this work. Global Perspectives Course. This course may include a Signature Experience component.

GLOS 4990 Topics in International Development Methods

CREDIT HOURS 1.0 - 3.0

DESCRIPTION Special topics in international development methods. May be repeated for credit if topic varies. Global Perspectives.

GLOS 4996 Study Abroad: European Studies in Strasbourg, France

CREDIT HOURS 3.0

DESCRIPTION Contemporary politics and political economy of European integration. Designed specifically for those students participating in Georgia State University Study Abroad Program. This course may include a Signature Experience component. Global Perspectives Course.

GRD GRAPHIC DESIGN

GRD 3000 Introduction to Graphic Design

CREDIT HOURS 3.0

PREREQUISITES ART 1010 and ART 1020 with grades of C- or higher

DESCRIPTION Introduction to concepts and practices of graphic design through combining of type and images; introduction to Macintosh-based graphics software; graphics presentation techniques. Lab Fee $20.00.

GRD 3150 Introduction to Typography

CREDIT HOURS 3.0

PREREQUISITES ART 1010 and ART 1020 with grades of C- or higher

DESCRIPTION GRD 3000 must be taken as a prerequiste or corequisite. 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 HOURS 3.0

PREREQUISITES GRD 3000 with grade of C- or higher

DESCRIPTION Student must have completed or be currently enrolled in GRD 3150 in order to enroll in this course. Continued development of conceptual and traditional/digital media skills including art direction, image-making, and specialized problem areas.

FEES $20.00

GRD 3300 Illustration: Concepts through Images

CREDIT HOURS 3.0

PREREQUISITES GRD 3000 with grade of C or higher

DESCRIPTION Traditional and experimental illustrative techniques with digital and non-digital media; applications to advertising, editorial design, corporate, collateral, and design specializations.

FEES $20.00

GRD 3400 Graphic Design Survey

CREDIT HOURS 3.0

DESCRIPTION Not for Graphic Design majors. Communicating effectively with type and images; creative problem solving; organizing information; using computers and traditional media to create print and digital graphics. Emphasizes integration with other disciplines.

GRD 3910 History of Graphic Design

CREDIT HOURS 3.0

PREREQUISITES GRD 3200 with grade of C or higher and consent of instructor

DESCRIPTION Survey of aesthetic, cultural, and technological influences on written and printed media including sources of modern design.

GRD 4020 Advanced Typographic Design

CREDIT HOURS 3.0

PREREQUISITES GRD 3200 with grade of C or higher, and consent of graphic design area coordinator or instructor

DESCRIPTION Advanced concepts in typographic design within a studio problem-solving format; advanced digital techniques, formal, and experimental applications of typography.

FEES $20.00

GRD 4100 Print and Editorial Design

CREDIT HOURS 3.0

PREREQUISITES GRD 3200 with grade of C or higher, and consent of graphic design coordinator or instructor

DESCRIPTION Advanced editorial design concepts within a studio problem-solving format; print and electronic publishing applications, identity, and format design; art direction and image-making of material with issue orientation and/or controversial content.

FEES $20.00

GRD 4150 Collateral Design for Print Applications

CREDIT HOURS 3.0

PREREQUISITES GRD 3200 with grade of C or higher and consent of graphic design coordinator or instructor

DESCRIPTION Advanced graphic concepts in print collateral applications; annual report design; identity and logotype; brochures and mailers; original visual concepts through image-making; digital techniques; pre-press and print production principles.

FEES $20.00

GRD 4200 Corporate Identity Design

CREDIT HOURS 3.0

PREREQUISITES GRD 3200 with grade of C or higher, and consent of graphic design coordinator or instructor

DESCRIPTION Advanced design concepts applied to corporate and/or institutional contexts; presented in studio problem- solving format; logotype and identity design; design systems; print technology, strategic communications, and system applications.

FEES $20.00

GRD 4250 Graphic Design in Popular Culture

CREDIT HOURS 3.0

PREREQUISITES GRD 3200 with grade of C or higher, and consent of graphic design coordinator or instructor

DESCRIPTION Chronology of popular culture through graphic design from the late nineteenth through the twentieth century; presented in a studio problem-solving format; sociological and cultural impact of design and design technology.

FEES $20.00

GRD 4300 Internship in Graphic Design

CREDIT HOURS 3.0

PREREQUISITES GRD 4020, GRD 4100, and GRD 4310 with grades of C or higher, and consent of graphic design coordinator or instructor

DESCRIPTION Specialized field training allowing practical professional experience with major design firms, advertising agencies, and corporations. This course may include a Signature Experience component.

FEES $20.00

GRD 4310 Multimedia Design

CREDIT HOURS 3.0

PREREQUISITES GRD 3200 with grade of C or higher, and consent of graphic design coordinator or instructor

DESCRIPTION Exploration of multimedia, interactive concepts, and nonlinear view editing technologies presented in studio problem-solving format; work on creative teams. Includes research-based proposals, contextual meaning, and production scheduling.

FEES $20.00

GRD 4350 Graphic Design through Advertising

CREDIT HOURS 3.0

PREREQUISITES GRD 3200 with grade of C or higher, and consent of graphic design coordinator or instructor

DESCRIPTION Applications of graphic design in advertising in a studio problem-solving format; collaboration and art direction on creative teams; visual marketing concepts; campaign development, copywriting; development of presentation skills.

FEES $20.00

GRD 4400 Design for Film and Television

CREDIT HOURS 3.0

PREREQUISITES GRD 3200 with grade of C or higher, and consent of graphic design coordinator or instructor

DESCRIPTION Design of motion graphics for film and broadcast applications; traditional and digital presentation techniques; demonstrations and/or practical experience on various broadcast and film systems; professional practices; contemporary use of typography and digital systems including audio.

FEES $20.00

GRD 4450 Professional Practices in Graphic Design

CREDIT HOURS 3.0

PREREQUISITES GRD 3200 with grade of C or higher, or concurrently, and consent of graphic design coordinator or instructor

DESCRIPTION Practical client-based professional experiences; field trips; presentation techniques; implementation of projects through supervision of printing process or appropriate media; principles unique to the business of graphic design.

FEES $20.00

GRD 4550 Specialized Applications of Graphic Design

CREDIT HOURS 3.0

PREREQUISITES GRD 3200 with grade of C or higher, and consent of graphic design coordinator or instructor

DESCRIPTION Specialized and alternative applications of graphic designs in a studio format; identity through packaging; point of purchase design; signage and display.

FEES $20.00

GRD 4600 Senior Workshop in Graphic Design

CREDIT HOURS 3.0

PREREQUISITES GRD 3200 with grade of C or higher, and consent of graphic design coordinator or instructor

DESCRIPTION Advanced exploration of multimedia including illustrative and photographic animation, interactivity, internet applications, and strategic communication. Professional practices in digital media.

FEES $20.00

GRD 4840 Computer Graphic Imaging

CREDIT HOURS 3.0

PREREQUISITES ART 1020 and ART 1030 or ART 1050 with grades of C or higher

DESCRIPTION (Same as CSC 4840 and Film 4840.) Study the theories, techniques and tools for creating 3D graphics content. Topics include 3D modeling, camera, lighting, materials, texture mapping, physics based modeling, basic animation, and rendering techniques (such as tracing and radiosity).

GRD 4950 Graphic Design Portfolio-CTW

CREDIT HOURS 3.0

PREREQUISITES GRD 3200 with grade of C or higher, and consent of graphic design coordinator or instructor

DESCRIPTION Preparation of final professional portfolio; consolidation and revision of previous projects; addition of projects reflecting student's specialized interests; self-promotion; presentation; interviewing; the language of graphic design in the context of the fine arts. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all Graphic Design majors.

GRD 4980 Special Problems

CREDIT HOURS 3.0

PREREQUISITES Consent of instructor and of school director

DESCRIPTION Independent studies initiated by the student. May be repeated for a maximum of six credit hours.

GRKA 1001 Elementary Ancient Greek I

CREDIT HOURS 3.0

DESCRIPTION Basic syntactical structures with particular emphasis on the verb. Reading of ancient Greek selections that illustrate the grammatical structures studied.

GRKA 1002 Elementary Ancient Greek II

CREDIT HOURS 3.0

PREREQUISITES GRKA 1001 with grade of C or higher, or placement into 1002

DESCRIPTION Basic syntactical structures with particular emphasis on the verb. Reading of ancient Greek selections that illustrate the grammatical structures studied.

GRKM 1001 Elementary Modern Greek I

CREDIT HOURS 3.0

DESCRIPTION Development of basic skills in listening, speaking, reading, and writing; acquisition of grammatical structures. Introduction of Greek culture. Not open to native speakers of Greek.

GRKM 1002 Elementary Modern Greek II

CREDIT HOURS 3.0

PREREQUISITES GRKM 1001 with grade of C or higher, or placement into 1002

DESCRIPTION Development of basic skills in listening, speaking, reading, and writing; acquisition of grammatical structures. Introduction of Greek culture. Not open to native speakers of Greek.

GRKM 2001 Intermediate Modern Greek I

CREDIT HOURS 3.0

PREREQUISITES GRKM 1002 with grade of C or higher, or placement into 2001

DESCRIPTION Continued development of listening, speaking, reading, and writing. Vocabulary expansion; further work with grammatical structures. contunued presentation of Greek culture. Not open to native speakers of Greek.

GRKM 2002 Intermediate Modern Greek II

CREDIT HOURS 3.0

PREREQUISITES GRKM 2001with grade of C or higher, or placement into 2002

DESCRIPTION Continued development of listening, speaking, reading, and writing. Vocabulary expansion; further work with grammatical structures. Continued presentation of Greek culture. Not open to native speakers of Greek.

GSU 1010 New Student Orientation

CREDIT HOURS 1.0 - 3.0

DESCRIPTION Three lecture hours a week. Introduction to the academic life of the university; interdisciplinary study of urban Atlanta and the Georgia State community; introduction to the academic demands, learning resources, and rules and procedures of the institution.

GSU 1050 Survival Skills for College

CREDIT HOURS 1.0 - 3.0

DESCRIPTION Two class hours and one lab hour per week. Designed to help students improve their academic skills to survive the college experience. Special attention will be given to the academic, social, family, work, career, and personal issues that affect students' success. This class is appropriate for students with less than a 2.0 cumulative Georgia State GPA. (Formerly AcF 1050.).

HA HEALTH ADMINISTRATION

HA 3900 Introduction to the U.S. Health Care System

CREDIT HOURS 3.0

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION Prequisite: None. This course introduces and describes the health care system in the United States. Students learn how the system devel- oped, how health care services in the U.S. are organized and financed, and the key problems facing the health care sector.

HA 3910 Health Policy in the United States: An Introduction

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course introduces and describes health policy in the United States. Students learn about health policy at the federal, state, and local levels and how health policy is developed for hospitals, employers, HMOs, and other health services organizations. Key policy issues facing the health care sector are discussed.

HA 3970 Health Information Systems

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION The course provides a broad overview of the critical role of information systems in the health sector and its strategic importance to health management. While hardware, software, and Internet applications will be discussed, the focus is on the use of information systems throughout the whole health care sector, including health systems, hospitals, medical practices, and businesses. This course is appropriate for students interested in health informatics, computers, business, and health sciences.

HA 4389 Directed Readings in Health Administration

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION

HBRB HEBREW BIBLICAL

HBRB 1001 Elementary Biblical Hebrew I

CREDIT HOURS 3.0

DESCRIPTION The course teaches the language of Hebrew utilized in the Bible; the student will achieve the ability to read and understand liturgy passages and be familiar with the noun/verb structure of original texts. Students do not need to know Modern Hebrew to take his course.

HBRB 1002 Elementary Biblical Hebrew II

CREDIT HOURS 3.0

PREREQUISITES HBRB 1001 with grade of C or higher, or equivalent

DESCRIPTION The course teaches the language of Hebrew utilized in the Bible; the student will achieve the ability to read and understand liturgy passages and be familiar with the noun/verb structure of original texts. Students do not need to know Modern Hebrew to take this course.

HBRB 2001 Intermediate Biblical Hebrew I

CREDIT HOURS 3.0

PREREQUISITES HBRB 1002 with grade of C or higher, or consent of instructor

DESCRIPTION Continued exploration of more complex texts, including the Old Testament and Mishnah; further development of grammatical structures.

HBRB 2002 Intermediate Biblical Hebrew II

CREDIT HOURS 3.0

PREREQUISITES HBRB 2001 with grade of C or higher, or consent of instructor

DESCRIPTION Continued exploration of more complex texts, including the Old Testament and Mishnah; further development of grammatical structures.

HBRB 3100 Texts in Biblical Hebrew

CREDIT HOURS 3.0

PREREQUISITES HBRB 1001 and HBRB 1002 with grades of C or higher, or demonstrate equivalent proficiency

DESCRIPTION This course will allow students to apply their knowledge gained in HBRB 1001 and HBRB 1002.

HBRM HEBREW MODERN

HBRM 1001 Elementary Modern Hebrew I

CREDIT HOURS 3.0

DESCRIPTION Development of basic skills in listening, speaking, reading, and writing; acquisition of grammatical structures. Not open to native speakers of Hebrew.

HBRM 1002 Elementary Modern Hebrew II

CREDIT HOURS 3.0

PREREQUISITES HBRM 1001 with grade of C or higher, or placement into 1002

DESCRIPTION Development of basic skills in listening, speaking, reading, and writing; acquisition of grammatical structures. Not open to native speakers of Hebrew.

HBRM 2001 Intermediate Modern Hebrew I

CREDIT HOURS 3.0

PREREQUISITES HBRM 1002 with grade of C or higher, or placement into 2001

DESCRIPTION Continuing development of listening, speaking, reading, and writing skills through use of audio and video materials as well as literary and non-literary texts. Grammar review as needed. Not open to native speakers of Hebrew.

HBRM 2002 Intermediate Modern Hebrew II

CREDIT HOURS 3.0

PREREQUISITES HBRM 2001 with grade of C or higher, or placement into 2002

DESCRIPTION Continuing development of listening, speaking, reading, and writing skills through use of audio and video materials as well as literary and non-literary texts. Grammar review as needed. Not open to native speakers of Hebrew.

HBRM 4890 Independent Study in Modern Hebrew

CREDIT HOURS 1.0 - 4.0

PREREQUISITES Consent of instructor

DESCRIPTION Advanced reading course in Modern Hebrew tailored to subject interests of students.

HBRM 4999 Directed Readings in Modern Hebrew

CREDIT HOURS 1.0 - 4.0

PREREQUISITES HBRM 2002 with grade of B or higher, permission of instructor

DESCRIPTION Advanced reading course tailored to subject interests of students.

HIST 1111 Survey of World History to 1500

CREDIT HOURS 3.0

DESCRIPTION A survey of world history to early modern times.

HIST 1112 Survey of World History since 1500

CREDIT HOURS 3.0

DESCRIPTION A survey of world history from early modern times to the present.

HIST 1140 Introduction to African and African-American History

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 1140.) African history and culture, the coming of Africans to the Americas, and the development of African-American culture.

HIST 1200 Introduction to the Middle East

CREDIT HOURS 3.0

PREREQUISITES Exit or exemption from ENGL 0989 or all ESL requirements except ENSL 0091

DESCRIPTION

HIST 2030 Introduction to Asian Studies

CREDIT HOURS 3.0

DESCRIPTION This course provides a broad overview of Asia's historical, political, socio-economic, and cultural diversity and dynamics. Students will learn what Asia is all about and how it has been conceptualized and understood in the West by critically engaging with the "Orientalism," "Asian modernity," and "great divergence" debates. They will study Asian societies, economies, cultures, and politics in a multidisciplinary framework and from global and comparative perspectives. Anyone interested in Asian politics, history, economies, and cultures will find this course interesting and useful.

HIST 2110 Survey of United States History

CREDIT HOURS 3.0

DESCRIPTION A thematic survey of U.S. history to the present.

HIST 2200 Women In American History

CREDIT HOURS 3.0

DESCRIPTION This course will examine the historical development of the United States of America from colonial times to the present with special reference to the contributions of women. The course will review changes in feminism, gender, and the Constitution of the United States, i.e., the 19th amendment, the Suffragettes, their relationship to abolition and other feminist campaigns. This course includes an analysis of the social and economic disparity between women and men, women's roles within state, local, and federal governments, their intellectual, cultural, and social interaction in the larger society. It explores the issues of women in major ethnic groups in the United States, and interaction of women within and outside each group. Topics include colonial women, frontier women, progressivism, unions, birth control, discrimination, sectional conflict from the perspective of women, WWII, "Rosie the Riveter", Vietnam, the modern industrial complex, globalization, and urban demographic patterns as they relate to the lives of women.

HIST 3000 Introduction to Historical Studies-CTW

CREDIT HOURS 4.0

DESCRIPTION (History majors should take History 3000 as the first course among their upper-division selections.) The nature of historical knowledge and analysis, historical resources in Atlanta-area research libraries and archives, and exercises in historical writing and thinking. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all History majors.

HIST 3100 Introduction to Global History

CREDIT HOURS 3.0

DESCRIPTION (Same as GLOS 3100) What is the story behind globalization, the processes and effects of integration and disruption on a world scale in the contemporary moment? This course explores the exciting field of global history, with its emphasis on the shaping force of contexts and connections linking societies and regions in recent centuries. We will highlight the value of historicizing global conditions and relations by following the unfolding of key economic, political, cultural, and environmental processes.

HIST 3200 North America before 1800

CREDIT HOURS 4.0

DESCRIPTION Development of Native American cultures before European contact; cultural interactions among Native Americans, Africans, and Europeans during conquest and colonization; emergence of United States of America as dominant economic and political force in North America.

HIST 3210 United States in the Nineteenth Century

CREDIT HOURS 4.0

DESCRIPTION Major developments in United States history from 1800 to 1900, including the growth of political parties and the changing role of the presidency; sectionalism and the Civil War and Reconstruction; immigration, economic expansion, and the American response to industrialization; changes in American social classes and American life.

HIST 3220 United States in the Twentieth Century

CREDIT HOURS 4.0

DESCRIPTION Major developments in the United States from 1900 to the present.

HIST 3230 American Environmental History

CREDIT HOURS 4.0

DESCRIPTION History of interactions with the natural world from the 17th through the 20th century, focusing on the US and its global influence. Explores the history of nature's effects on culture and economy, the history of people's activities on their environments, conceptions of nature, and environmental politics. Topics include urban growth, pollution, colonialism, natural resource issues, the history of parks and wild lands, and global environmental problems.

HIST 3240 History of Sports and Leisure

CREDIT HOURS 3.0

DESCRIPTION Examines diverse examples of sports and leisure in human history, with special focus on their relationship to industrialization, nation-building, and empire.

HIST 3250 Religion in American Life

CREDIT HOURS 3.0 - 4.0

DESCRIPTION This course will explore the history of religion in the United States from the early colonial period to the present.

HIST 3260 The Harlem Renaissance

CREDIT HOURS 3.0

DESCRIPTION Harlem became the epicenter of Black America in the 1920s and 1930s. This course explores the historical social, political, and economic forces that set the stage for the emergence of this dynamic urban community and the contributions by writers, artists, journalists, folklorists, political leaders, organizations, and working class African Americans. Cities Perspectives Course.

HIST 3270 History of the 1970s and 1980s

CREDIT HOURS 3.0 - 4.0

DESCRIPTION From the persistence of post-1960s radical politics to the media revolution represented by MTV to the fall of the Soviet Union, the 1970s and 1980s have had profound effects on the way we experience the world today. This class will challenge students to rethink what we know/remember about these two decades from a broader, deeper, historical perspective. As a 3000-level survey, the class will consider many approaches to the history of these decades, including political, social, military, economic, cultural, and intellectual history.

HIST 3300 History of Capitalism

CREDIT HOURS 3.0 - 4.0

DESCRIPTION This course examines the intellectual, cultural and social history of capitalism from the eighteenth century to the present. Readings include texts written by historians, economists, sociologists, and social and political theorists; topics range from the emergence of free market economics, the formation of social classes, the rise of the corporation, the cultural impact of consumerism, and the global reach of capitalism in the twentieth and twenty-first centuries. Global Perspectives Course. Cities Perspectives Course.

HIST 3400 History of Sex

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Sex has a history. Topics may vary, but include the theory and history of sexuality, the science of sexual difference, and the social and cultural ramifications of â⊠⊠sexual revolutionâ⊠⊠, the historical dimensions of population management and â⊠⊠family planningâ⊠⊠, as well as sex as identity, metaphor, and ideology.

HIST 3410 History of Food

CREDIT HOURS 4.0

DESCRIPTION What does soup have to do with labor rights in 16th-century France. Why did the ancient Romans legislate how many chickens could be served at a dinner party. How did Chicago change the American farming landscape. This course examines the ways that people have used food to engage with their social worlds and debate issues such as health, industrialization, and power structures. Looking at the way food has been produced and consumed, the course considers a wide range of topics, including: the history of cookbooks, public eating and restaurants, agriculture from its origins to â⊠⊠urban farms," hunger, food taboos, networks of food production, disordered eating, and modern food movements.

HIST 3420 Historical Aspects of Public Health and Medicine

CREDIT HOURS 3.0

DESCRIPTION This course will cover the major discoveries, developments, and advances in the field of medicine and public health. It will examine the intellectual and technological processes that produce advancements, and critically examine the public and professional debates about the application of such changes in society at large. .

HIST 3500 The Ancient Mediterranean

CREDIT HOURS 4.0

DESCRIPTION (Same as MES 3110.) Political, cultural, religious, economic, and social developments of the Ancient Near East, Greece, and Rome and their influence on Western Civilization. Global Perspectives Course.

HIST 3505 Classical and Early Modern Western Political Thought

CREDIT HOURS 3.0

DESCRIPTION (Same as PHIL 3855 and POLS 3530.) A survey of the historical writings in political thought from Plato to Machiavelli. Special emphasis on the contributions these thinkers made to Western conceptions of democracy, equality, human nature, citizenship, etc., as well as the continuing relevance of the texts for explaining contemporary political phenomena.

HIST 3510 Medieval Mediterranean/Islamic World

CREDIT HOURS 4.0

DESCRIPTION Overview of the history of the Medieval Mediterranean World, from the fall of the Roman Empire to the rise of the Atlantic World (500-1500). Topics will include the origins and spread of Islam, cross-cultural contacts around the Mediterranean, the Crusades, and the other examples of Islamic/Christian/Jewish interaction. Global Perspectives Course.

HIST 3515 North Africa and the World to 1800

CREDIT HOURS 4.0

DESCRIPTION Political, economic, cultural and social history of North Africa and its interactions with the Mediterranean world, Sub-Saharan Africa and the broader world system. Examines the history of the Berbers alongside the history of Arab and European influences in the region from Roman times to 1800. Global Perspectives Course.

HIST 3520 Early Modern Europe, 1500-1789

CREDIT HOURS 4.0

DESCRIPTION Transition from medieval to modern Europe; special attention to the Northern Renaissance, the Protestant and Catholic Reformations; the emergence of a competitive state system; the evolution of nation states; gender roles and the pre-industrial economy; and the conceptual revolution in science and philosophy. Global Perspectives Course.

HIST 3525 Modern Western Political Thought

CREDIT HOURS 3.0

DESCRIPTION (Same as PHIL 3540 and PHIL 3855.) A survey of the historical writings in political thought from Hobbes to Marx. Special emphasis on the contributions these thinkers made to Western conceptions of democracy, equality, human nature, citizenship, etc., as well as the continuing relevance of the texts for explaining contemporary political phenomena. 3.000 credit hours.

HIST 3530 Europe Since 1789

CREDIT HOURS 4.0

DESCRIPTION Society and politics since the age of enlightenment; special attention to revolution, reaction and reform; class, gender and industrial capitalism; imperialism and nationalism; democracy, fascism, and communism; economic integration: citizenship, immigration, and new social movements. Global Perspectives Course.

HIST 3540 Film and the Holocaust

CREDIT HOURS 4.0

DESCRIPTION Explores the history of intersections among feature and documentary films and the Holocaust, with an emphasis on the ways filmmakers have interpreted and represented the causes, events, consequences, and recollections of the mass murder of European Jews and other groups during World War II. Global Perspective Course.

HIST 3615 The Indian Ocean World

CREDIT HOURS 4.0

DESCRIPTION The purpose of this course is to introduce undergraduate students to the Indian Ocean world, a geographical zone running from East Africa to China and consisting of regions bordering the oceanâ⊠⊠s body of water. The Ocean has been a highway of commercial and cultural exchanges since the ancient times. This course introduces students to the history of maritime Asia (since the fifteenth century) and allows them to study empires, trade, and cultures in monsoons Asia and their role in the world economy from non-Western and non-Eurocentric perspectives. Global Perspectives Course.

HIST 3620 The Atlantic World: Encounters, Empires, Diasporas, Revolutions

CREDIT HOURS 4.0

DESCRIPTION The Atlantic World as a space of cross-cultural contact, empire and nation-building, diasporas, and revolutions since the fifteenth century; transatlantic encounters in Africa, Europe, and the Americas; conquest, colonialism, and creolization; slavery, emancipation, and capitalism; indigenous survival, subaltern resistance, and popular religion; Atlantic world legacies in cultural and political identities. Global Perspectives Course.

HIST 3625 War in Europe and America Since 1500

CREDIT HOURS 4.0

DESCRIPTION Warfare and military institutions as they relate to social, economic, political, and technological developments.

HIST 3630 Empires in the Modern World

CREDIT HOURS 3.0

DESCRIPTION This course explores the interactive history of empires, both horizontally among great powers and vertically between rulers and subjects, since the sixteenth century. These interactions shaped, restructured, and dissolved supposedly monolithic empires. We will interrogate the cross-cultural encounters of imperial expansion; the raced and gendered nature of imperial hierarchies, identities, and imaginaries; the lived experience of colonial rule; the interplay of world economy, world war, and anticolonial projects for reform, revival, and revolution in the â⊠⊠decline and fallâ⊠⊠ of empire; and the uneven and contradictory transition from an â⊠⊠imperialâ⊠⊠ to an â⊠⊠internationalâ⊠⊠ world order.

HIST 3635 Media, Technology, and Popular Culture

CREDIT HOURS 4.0

DESCRIPTION Examines evolution of communication technologies from the rise of printing in early modern Europe through the foundation of American media, and the globalization of mass media in the twentieth century. Topics include nationalism and the public sphere; media constructions of race, gender, and sexuality; legal and regulatory issues; and the changing aesthetics of print, film, television, and new media.

HIST 3640 Piracy from Ancient to Modern Times

CREDIT HOURS 4.0

DESCRIPTION This course examines the history of piracy from the ancient Egyptians to present-day piracy off Somalia and the Straits of Malacca. Particular attention to the ?Golden Age of Piracy. in the West from 1640 to 1730 is complemented by the study of piracy in a range of times and places. This comparative approach presents piracy as a series of complex social, political, and economic interactions, asking how transformations in piracy reveal larger patterns of change and continuity in world history. The course also examines how the study of pirates and piracy as a contemporary cultural phenomenon in films and other media can help us to understand how modern and contemporary culture claims and re-presents history.

HIST 3645 Contemporary Africa

CREDIT HOURS 3.0

DESCRIPTION The major historical, socio-political, cultural and economic developments, which have shaped conditions in Africa, since the Second World War are explored. The topics will cover major development from the impact of the Second World War in Africa to the Ebola Crisis and the War on Terror in Africa today. These historical developments continue to have an impact on how we interpret Africaâ⊠⊠s most recent past, while holding tremendous implications for the continentâ⊠⊠s current circumstances and future prospects.

HIST 3650 Africa and the World

CREDIT HOURS 4.0

DESCRIPTION This interdisciplinary course explores the long and extensive international history of Africa, focusing on its relations with other civilizations and regions of the world, from medieval times to the present. The weekly inter-related and inter-woven topics will include Medieval African Kingdoms and the Trans-Saharan Trade; the Indian Ocean Trade; European colonialism; Africa, the World Wars and the Cold War; African relations with the US, Western Europe and the former USSR; China and India in Africa; the UN and other global IGOs/NGOs in Africa; Africa and the global economy; globalization and Africa; and Africa and the African Diaspora in the Americas.

HIST 3660 20th Century World

CREDIT HOURS 3.0

DESCRIPTION This course explores the history of the â⊠⊠longâ⊠⊠ twentieth century from the 1890s to the 2000s. We will track the emergence of antagonisms in an imperial world that culminated in the First World War; the effort to construct political and social alternatives through the Second World War; the interplay of the â⊠⊠three worldsâ⊠⊠ during the Cold War; and the unfolding of global turbulence in a neoliberal world. We will highlight the ongoing challenges of social movements as well as contested visions of global order across this long century. Global Perspectives Course.

HIST 3665 History of Ideas about Race

CREDIT HOURS 4.0

DESCRIPTION An interdisciplinary, comparative history of ideas about race, ethnicity, and human variation from the 17th century to the present, with emphasis on the social interactions, historical contexts, and social conflicts that produced those ideas. "Race" is primarily a Western historical construction, but the course also compares race with other systems for defining â⊠⊠naturalâ⊠⊠ or â⊠⊠in-bornâ⊠⊠ differences, such as ethnicity, religion, caste, or class. It also provides an insight into how the subjects of racial regimes viewed or challenged them from the inside. Global Perspectives Course.

HIST 3675 Teaching Difficult Topics in United States History

CREDIT HOURS 3.0

DESCRIPTION This course will introduce students to the pedagogy of U.S. history, following the Georgia performance standards and the AP U.S. History curriculum framework. Topics will challenge the master narrative of American history, such as colonization, slavery, racial violence, and class conflict. Through readings, discussion, document analyses and classroom observations, students will explore a variety of teaching methods designed to develop historical thinking skills and maximize student engagement.

HIST 3690 Honors Readings

CREDIT HOURS 1.0 - 4.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION

HIST 3700 China and Japan to 1600

CREDIT HOURS 4.0

DESCRIPTION Origins and development of two ancient civilizations, with emphasis upon traditional thought, cultures, institutions, and change. Global Perspectives Course.

HIST 3710 China and Japan since 1600

CREDIT HOURS 4.0

DESCRIPTION East Asia in modern transformation from 1600 to the present, emphasizing pre-nineteenth century prosperity, nineteenth-century crises, and twentieth-century change. Global Perspectives Course.

HIST 3715 Modern Japan

CREDIT HOURS 4.0

DESCRIPTION This course explores the history of Japan during the modern period, from late 1500s through the present. Special attention will be paid to the development of Japanese national identity in local, regional and global contexts. Primary and secondary sources, including writing and other media, will allow students to understand and appreciate Japanâ⊠⊠s transformation from relative isolation to a major regional and global power in the twentieth century.

HIST 3720 Colonial Latin America

CREDIT HOURS 4.0

DESCRIPTION Spain's and Portugal's conquests and settlements in the Western hemisphere; the organization and collapse of their colonial systems. Global Perspectives Course.

HIST 3730 Latin America since 1810

CREDIT HOURS 4.0

DESCRIPTION Political, economic, and social developments of the major countries, such as Mexico, Argentina, Brazil, and Chile. Global Perspectives Course.

HIST 3740 Mexico

CREDIT HOURS 4.0

DESCRIPTION This course explores the history of Mexico and its people from the time before the Spanish arrived to the present day. Focusing on culture, everyday life, and the borderlands, it gives a thorough introduction to the United Statesâ⊠⊠ closest Latin American neighbor. The class is designed to work for students from a wide variety of majors for whom an understanding of Mexico would be useful. Global Perspectives Course.

HIST 3780 Middle East 600-1800

CREDIT HOURS 4.0

DESCRIPTION (Same as MES 4110.) Political, cultural, social, and economic developments in the lands from Spain to Central Asia since the rise of Islam. Global Perspectives Course.

HIST 3790 The Middle East since 1800

CREDIT HOURS 4.0

DESCRIPTION (Same as MES 4120.) Political, cultural, social, and economic developments from Morocco to Iran, including imperialism, nationalism, independence, and religious revival. Global Perspectives Course.

HIST 3800 History of India from the Indus Civilization to the Present

CREDIT HOURS 3.0

DESCRIPTION (Same as GLOS 3800) This course provides a broad overview of the political, economic, social, and cultural processes in Indian history from the Indus Civilization (c. 2500 BCE) to the present. Students will learn about major developments in the long historical trajectory that have shaped the societies, cultures, polities, and economies of the subcontinent and continue to influence the present-day life. A critical evaluation of Indiaâ⊠⊠s historical processes during the four and a half millennia will help students understand the contemporary political, social, and economic dynamics of the region. Students will discuss a variety of issues and their historical context, such as caste and social hierarchy, Buddhist-Hindu-Muslim relations, religious radicalism and ethnic violence, economic growth, and Indiaâ⊠⊠s position in the modern world economy. Through a combination of reading and analysis of literature and primary sources, watching movies/documentaries, and in-class discussions students will learn about major historical developments and their implications for the peoples, societies, economies, and cultures of the region.

HIST 3850 China, India, and the Modern World Economy

CREDIT HOURS 3.0

DESCRIPTION (Same as GLOS 3850) How to define and understand the modern world economy. What place did China and India have in it. This comparative global history course addresses these questions. It familiarizes students with the main characteristics of the world economy and the place and role of China and India in it. Prior to 1800, China and India were at the forefront of the world economy and since the early 19th century, Europe and North America have held a dominant position in it. Rapid economic growth in China and India since the early 1990s is indicative of a major reconfiguration in the world economy. This course offers historical and contemporary perspectives on the modern world economy and a comparative analysis of the role of states, markets, trade networks, economic institutions, commodity production, consumption, and socio-cultural values in the economies of China, India, and Europe/North America.

HIST 3900 Human Rights in Historical Perspective

CREDIT HOURS 3.0

DESCRIPTION Exploration of the historical development of human rights as contested ideal, movement, and institution. Topics may include premodern origins of human rights, modern struggles for the recognition of human rights, and historic and recent controversies around the legitimacy of human rights. May be repeated if topic varies. Global Perspectives Course.

HIST 4100 Philosophy of History

CREDIT HOURS 3.0

DESCRIPTION What is â historyâ. How do we understand and represent the past. How does historical inquiry relate to a given society and culture. Western thinkers have asked these questions time and again since the Enlightenment; this course will examine the most important arguments and issues in the philosophy of history. Key topics will include: the validity of grand historical narratives of history; the rise of scientific history and historical positivism; historicism and its critique; and postmodern reflections on history.

HIST 4190 American Culture and Ideas I

CREDIT HOURS 4.0

DESCRIPTION This course will explore the history of American culture and ideas from the colonial era to the Civil War through books, essays, films, novels, and more.

HIST 4200 American Culture and Ideas II

CREDIT HOURS 4.0

DESCRIPTION This course will explore the history of American culture and ideas from the Civil War to the twenty-first century through books, essays, films, novels, and more.

HIST 4220 The American City

CREDIT HOURS 4.0

DESCRIPTION Origins and growth of American cities from the colonial period to the present; economic, political, and cultural developments; the process of urbanization; and the influence of urbanism on the American experience. Cities Perspectives Course.

HIST 4225 Immigrants in America

CREDIT HOURS 4.0

DESCRIPTION The history of immigration and the creation of "ethnic" identity in the United States from European contact to the present. The course will explore the relationship between the changing economic, social, legal, cultural, and political conditions of immigration in different historical periods and will examine the ways in which immigrant and native-born Americans have continuously renegotiated and evolved notions of ethnicity, race, and American citizenship. Global Perspectives Course. Cities Perspectives Course.

HIST 4230 Foreign Relations of the United States

CREDIT HOURS 4.0

DESCRIPTION Legacy of the colonial era, problems of a new nation, expansion and evolution of America as a great power, New Deal diplomacy, the United States in World War II, the "Cold War," and the "American Empire." Global Perspectives Course.

HIST 4245 The United States in the 1960s

CREDIT HOURS 4.0

DESCRIPTION A social and cultural history of the U.S. in the 1960s, with special attention to the civil rights, peace, and women's movements; the counterculture; race, gender, and electoral politics; the New Left and radical politics; the lasting influence of the 1960s on late 20th-century U.S. politics and culture.

HIST 4250 Women in America

CREDIT HOURS 4.0

DESCRIPTION (Same as WGSS 4440.) Issues involving American women from the seventeenth century to the present. Topics include women's changing economic role, the family, religion, race and ethnicity, and the struggle for legal and political equality.

HIST 4255 U.S. Civil War and Reconstruction

CREDIT HOURS 4.0

DESCRIPTION Survey of the American Civil War era, including causes of the war, the war itself, Reconstruction, and the war's commemoration from the 1860s to the present.

HIST 4260 African-American Women

CREDIT HOURS 4.0

DESCRIPTION (Same as AAS 4660.) Examination of the varied history of African-American women. Centered in the tradition of race and gender protest; how women have generationally developed agendas and forums around social justice reform; exploration of themes, individuals, and collective action, revealing the impact of race, class, and gender on the lives of African-American women.

HIST 4270 Topics in African American History

CREDIT HOURS 4.0

DESCRIPTION Advanced studies in African American history; topics vary according to instructor. May be repeated if the topic differs.

HIST 4280 Enslavement and Resistance in North America

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4600.) Examines the character of chattel slavery and racial oppression in Colonial America and in the United States and insurgent responses to it by the captive and "free" population of African descent in North America. Global Perspectives Course.

HIST 4290 Enslavement in the Americas

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4620.) Comparative examination of systems of captivity and forced labor in the western hemisphere and the social development and popular responses of captive Africans to these systems. Emphasis on the continuities of African culture and the unique adaptation of culture and social organization in each country. The nature of resistance and the process of eliminating the system of captivity.

HIST 4300 The American South

CREDIT HOURS 4.0

DESCRIPTION History of the South from the early nineteenth century to the present, emphasizing the changes in the region and important issues such as the growth of southern sectionalism in the 1820s and the impact of urbanization and civil rights in the twentieth century. This course may include a Signature Experience component.

HIST 4310 Georgia

CREDIT HOURS 4.0

DESCRIPTION History of Georgia from pre-colonial times to the present, including Native American cultures and strategies; colonization; Georgia in the new republic; slavery and antebellum development; Civil War and Reconstruction; the New South era; the civil rights movement; the emergence of modern Georgia. Of particular significance to teachers and prospective teachers in elementary and secondary education.

HIST 4315 Civil Rights Memory in the United States and South Africa

CREDIT HOURS 3.0

DESCRIPTION This course examines the comparative histories of civil rights and human rights movements in the United States and South Africa, paying particular attention to the way these movements have been memorialized. Students will explore the ways in which movements for social change in both countries have been documented and remembered, looking at memoirs, novels, museum exhibitions, public art and film.

HIST 4320 Metropolitan Atlanta

CREDIT HOURS 3.0

DESCRIPTION (Same as GEOG 4768 and SOCI 4279.) Interdisciplinary perspective focusing on social, historical, and geographic processes which have shaped the Atlanta region.

HIST 4325 Introduction to Public History and Historic Preservation

CREDIT HOURS 3.0 - 4.0

DESCRIPTION This course is designed to provide the student with an understanding of the theory and practice of Public History and Historic Preservation. The course will cover a variety of topics including museum studies, material culture, the application of National Register criteria, historic interpretation, oral history, local history and preservation at the local, state and federal levels. The class will include field trips to areas sites, local museums and historic neighborhoods. Citis Perspective Course. This course may include a Signature Experience component.

HIST 4330 Oral History

CREDIT HOURS 4.0

DESCRIPTION Comprehensive introduction to oral history, its evolution, methodological and theoretical concerns, interviewing techniques, and applications.

HIST 4340 Administration and Use of Historical Archives

CREDIT HOURS 3.0

DESCRIPTION Creation, preservation, and use of historical records which includes the study of archival principles and techniques; practical experience in the university and local, federal, and state archival depositories. This course may include a Signature Experience component.

HIST 4345 Case Study in International Preservation

CREDIT HOURS 4.0

DESCRIPTION The study of preservation and conservation programs and processes in foreign countries, through lectures, readings, and site visits. Comparison of preservation and public history as it is practiced in foreign programs with the approaches taken in the United States. Field trips abroad are required. May be repeated for credit if topics vary. City Perspectives Course. Global Perspectives Course.

HIST 4350 Film and History

CREDIT HOURS 4.0

DESCRIPTION (Same as Film 4350.) Explores multiple interactions between cinema and the past, how film produces history, and how history can be examined through film.

HIST 4400 The History of the American West

CREDIT HOURS 4.0

DESCRIPTION History of the American west from the 17th through the 20th century, from the establishment of the French and Algonquin fur trade empire in the Great Lakes region through the US conquest and settlement of the trans-Mississippi west. Particular attention will be paid to the meeting of different peoples on the frontier borderlands, and the economic, social, and environmental consequences of their interaction. Cities Perspectives Course.

HIST 4430 American Jewish History

CREDIT HOURS 4.0

DESCRIPTION This course surveys the Jewish experience in the United States, examining the religious, cultural, political, and economic activities of American Jews from the colonial period to the present. Students will explore the ways Jewish tradition has been adapted in America, what the relationship of American Jews has been to other Americans, and how American Jewish identities have been created from modern Jews' dual impulses for integration and distinctiveness. The course will include a significant examination of issues of regional identity, with particular focus upon the Southern Jewish experience. We will explore Jewish relationships with black and white gentile southerners, as well as southern Jews' embrace of southern culture and southern identity. This course will also familiarize students with the excellent resources on Atlanta Jewish history available at local archives.

HIST 4450 History of Crime in America

CREDIT HOURS 4.0

DESCRIPTION An examination of crime from the colonial period to the present. Specific topics include piracy in the eighteenth-century Atlantic world, outlaws in the U.S. West after the Civil War, the Mafia during the twentieth century. Emphasis on the relation between crime, capitalism, the state, and race.

HIST 4460 Bills of Rights

CREDIT HOURS 4.0

DESCRIPTION The Bill of Rights is central to the American constitutional experience. This course examines the historical origins of rights claims in Anglo-American law and the intellectual problem of how best to balance authority and liberty that accompanied revolutionary thinking. It also appraises the development of rights consciousness and the Bill of Rights throughout American history, from the anti-slavery movement to the Civil Rights struggle to the War on Terror.

HIST 4470 The Founders' Constitution

CREDIT HOURS 4.0

DESCRIPTION The Founders' world was one vastly different from our own, but they produced a Constitution revered as timeless and immutable. This course examines the political and social world of George Washington, Alexander Hamilton, James Madison and other Founders. We will also critically examine the intellectual, political, and cultural origins of the Constitution, the Founders' intentions, and the process of Ratification. The Course will examine the Founders' Constitution in its operation up through the constitutional crisis precipitated by secession and the Civil War.

HIST 4480 Special Topics in History, Northumbria

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Advanced studies in history at University of Northumbria in Newcastle; topics vary according to instructor. May be repeated if topic differs. Restricted to students in the GSU-Northumbria Exchange Program in British and American Cultural Studies.

HIST 4490 Topics in American History

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Advanced studies in American history; topics vary according to instructor. May be repeated if topic differs.

HIST 4510 Origins and Collapse Ancient Near Eastern Societies

CREDIT HOURS 4.0

DESCRIPTION (Same as MES 4140.) History of Egypt, Mesopotamia, Iran, the Levant, Anatolia and Central Asia from 3500 BCE to 323 BCE. Areas of exploration will include the origins of the state; the development of Egyptian and Mesopotamian kingship; the collapses of the Early and late Bronze Age; human environment interactions; nomads and settled societies; Mesopotamian literature; women's legal status; the Hittite Empire; daily life in an Egyptian village; the invention of the alphabet; Assyrian imperial terrorism; the rise of monotheism; the Persian empire.

HIST 4520 Ancient Persia, Greece, and Rome

CREDIT HOURS 4.0

DESCRIPTION (Same as MES 4150.) History of Persia, Greece, and Rome from 1800 BCE to 500 CE. Areas of exploration will include Bronze Age Greece in Near Eastern context; the 12th century BCE "Catastrophe"; Archaic Greek religion; the polis; Greek drinking parties and politics; the Persian conquest; the rise of Zoroastrianism; Hellenic syncretism; Parthia and Rome as the heirs of Hellenism; the metropolitan Roman empire; disease and demography in Late Antiquity; and the rise of Christianity.

HIST 4530 Religion and Society in Early Modern Europe

CREDIT HOURS 4.0

DESCRIPTION Political, intellectual, cultural, scientific, religious, economic, and military developments in Europe from ca. 1300 to ca. 1650. The development of humanistic studies, of print culture, of religious revolt, of the "nation-state," and the importance of the "global discovery" revolution. Global Perspectives Course.

HIST 4532 Crime, Law and Society in Early Modern Europe

CREDIT HOURS 4.0

DESCRIPTION Social and cultural history of crime in early modern Europe. Topics include witchcraft and heresy, the criminalization of sexuality and sexual taboos, poverty and vagrancy, the construction and subversion of social and gender norms, political rebellion, court procedures, torture and methods of punishment. Global Perspectives Course.

HIST 4540 Britain and the World, 1500-1700

CREDIT HOURS 4.0

DESCRIPTION The history of the early modern British Isles and their interaction with the wider world. Special attention to the Reformation; changes in governance; civil war; society, gender, and the preindustrial economy. Also includes emphasis on interactions between the different countries of the British Isles, and to contact between Britain and the wider world though imperialism, trade, and travel. Global Perspectives Course.

HIST 4550 Britain and the World since 1700

CREDIT HOURS 3.0

DESCRIPTION Exploration of the interconnected histories of the British isles, the British empire, and the wider world since the eighteenth century; rise of British economic, political, and cultural power on a world scale; politics of class, gender, race, and nation in metropole, colonies, and diasporas; vicissitudes of global hegemony and imperial rivalry; decline, decolonization, and globalization. Global Perspectives Course.

HIST 4570 France Since 1715

CREDIT HOURS 4.0

DESCRIPTION Considers major themes in French History since the eighteenth century. Topics include old regime society and politics; the Enlightenment; Revolution and Napoleon; class and gender in bourgeois society; nationalism, imperialism, fascism, and the world wars; decolonization; the European Union, new social movements, and immigration. Global Perspectives Course.

HIST 4575 German History to 1900

CREDIT HOURS 4.0

DESCRIPTION Considers major themes in German history to 1900. Topics include the Reformation, state formation, Baroque statecraft and the Thirty Years War, the mechanics of the Holy roman Empire, the German enlightenment of Romanticism, the consequences of the Napoleonic wars, the 1848 revolutions, national unification, industrialization, and German imperialism. Global Perspectives Course.

HIST 4580 German History since 1900

CREDIT HOURS 4.0

DESCRIPTION Intellectual, social, economic, cultural, and political history of Germany since 1900. Special attention to nationalism, effects of WWI, the Weimar Republic, Nazism and WWII, the divided Germanies and reunification. Themes include consumerism, the mass media, and relationships between state, society, and the individual. Global Perspectives Course.

HIST 4600 Russia and the Soviet Union Since 1861

CREDIT HOURS 4.0

DESCRIPTION The challenge of the West and governmental and social reform; populism, socialism, and peasant tradition; the 1917 and "Stalin" Revolutions; emergence of the Soviet Union as a world power and the challenge to the West; de-Stalinization, "Stagnation," and Perestroika; Post-Soviet society.

HIST 4615 Scientific Revolutions

CREDIT HOURS 4.0

DESCRIPTION Examination of the histories of different scientific disciplines, their methodologies, practices, forms of knowledge and interrelations, integrating tranformations in the sciences with broader historical changes. Topics include the histories of scientific revolutions, the relationship between science and technology, the social and political uses of science, and criticisms of science. Global Perspectives Course.

HIST 4620 Europe: Culture and Ideas

CREDIT HOURS 4.0

DESCRIPTION Selected themes in European cultural and intellectual history; themes vary according to instructor.

HIST 4630 European Intellectual History I: From Medieval to Marx

CREDIT HOURS 4.0

DESCRIPTION Considers major themes in European intellectual history from the late medieval to the mid-19th century. Special focus on important thinkers, methods of intellectual history, and significant trends and movements. Global Perspectives Course.

HIST 4635 European Intellectual History II: From Marx to Postmodernism

CREDIT HOURS 4.0

DESCRIPTION Explores the social-cultural history of European thought from the late nineteenth century to the 1980s. Major topics/thinkers may include but are not limited to Marx and Marxism, Nietzsche, the turn-of-the-century avant-garde, Freud and Psychoanalysis, Modernism, Existentialism, Fascism, Second Wave Feminism, the counter culture, and postmodernism. Global Perspectives Course.

HIST 4640 The Holocaust

CREDIT HOURS 3.0

DESCRIPTION (Same as SOCI 3228.) Historical and social analysis of the mass deprivation and murder of Jews and other people under the policies and auspices of National Socialist Germany, 1933-1945. Global Perspectives Course.

HIST 4650 Gender and Sexuality in European History

CREDIT HOURS 4.0

DESCRIPTION (Same as WGSS 4650.) Explores changing views of men's and women's roles in society, politics, and the economy. Topics include changing ideas about masculinity and femininity; the evolution in ideas about sex and sexuality; the invention of homosexuality; and the "sexual revolution" of the twentieth century.

HIST 4690 Topics in European History

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Advanced studies in European history; topics vary according to instructor. May be repeated if the topic differs.

HIST 4730 History of Haiti

CREDIT HOURS 4.0

DESCRIPTION This course studies the history of Haiti, both before and after independence, and highlights the key themes and events in the countryâ⊠⊠s history. We will study the faltering beginnings of the colony under Spanish and then French control; the development of a lucrative economy based on slave labor and the export of agricultural commodities; the socio-racial hierarchy that this system produced; the worldâ⊠⊠s only successful slave revolution; the development of the second independent country in the Americas; the development of Haitian Voodoo and the Creole language; the invasion of Haiti by the American Marines in the twentieth century; the rise of the Duvalier dictatorships; the rise of poverty and foreign aid; and the devastating earthquake in 2010. Global Perspectives Course.

HIST 4740 Latin American Revolutions

CREDIT HOURS 4.0

DESCRIPTION Socio-political and economic revolutions in Latin America with comparisons to other twentieth-century revolutions. Global Perspectives Course.

HIST 4750 Eastern Africa and the Horn of Africa

CREDIT HOURS 4.0

DESCRIPTION (Same as AAS 4765.) Social, political, cultural, and economic history of the region from the origins of the human race to the present, including ancient civilizations; Judaism, Christianity, and Islam; international trade; European colonialism; and independence.

HIST 4760 Central and Southern Africa

CREDIT HOURS 4.0

DESCRIPTION (Same as AAS 4760.) Social, political, cultural, and economic history of the region from the earliest times to the present, including indigenous African civilizations, European colonialism, African nationalism, and independence.

HIST 4770 Western Africa

CREDIT HOURS 4.0

DESCRIPTION (Same as AAS 4770.) Social, political, cultural, and economic history of Western Africa, dealing with the early civilizations, the coming of Islam, European colonialism, and independence. Global Perspectives Course.

HIST 4772 Women in Africa

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4772 and WGSS 4772.) An examination of African women's roles in domestic production, their relationship to the state, and the effect of social change on women from the pre-colonial period to the contemporary era.

HIST 4774 African Rebellions

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4774.) An examination of African resistance in the colonial and post-colonial contexts.

HIST 4776 Africa and Hollywood: Myth, Romance, and Savage Imagery

CREDIT HOURS 4.0

DESCRIPTION This course explores the image of Africa projected into American mass culture through the vehicle of commercial films produced about Africa.

HIST 4815 Palestine and Modern Middle East

CREDIT HOURS 4.0

DESCRIPTION Social, economic, cultural and political history of Palestine and its relation to the larger Middle East. Starting from the expansion of European power in the nineteenth century at the expense of the Ottoman Empire, the course charts the developments in Palestine during the modern era. Explores history through the prism of violence, state formation, identity politics, nationalism and migration and its larger impact on the Middle East.

HIST 4870 Honors Thesis: Research

CREDIT HOURS 3.0 - 4.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

HIST 4880 Honors Thesis: Writing

CREDIT HOURS 3.0 - 4.0

PREREQUISITES HIST 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

HIST 4885 Special Topics in Heritage Preservation

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Analysis of selected topics in public history or historic preservation such as cultural resource management historic site management, museum management or curatorial studies. May be repeated if topics differ.

HIST 4890 Topics in World History

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Advanced studies in the history of Africa, Asia, Latin America, or the Middle East; topics vary according to instructor. May be repeated if the topic differs.

HIST 4960 British American Culture Seminar I

CREDIT HOURS 3.0 - 4.0

PREREQUISITES British and American Cultures Program concentration, or permission of English or History program advisor

DESCRIPTION (Same as ENGL 3265.) Analyzes literary and historical themes from the perspectives of American and British authors, historical figures, and literatures. Offered by the English and History departments.

HIST 4961 British American Cultural Seminar II

CREDIT HOURS 3.0 - 4.0

PREREQUISITES British and American Cultures Program concentration, or permission of English or History program advisor

DESCRIPTION (Same as ENGL 3266.) Analyzes literary and historical themes from the perspectives of American and British authors, historical figures, and literatures. Offered by the English and History departments.

HIST 4970 Independent Study

CREDIT HOURS 4.0

PREREQUISITES HIST 3000 with grade of C or higher and at least five upper-division history courses

DESCRIPTION Consent of the department is required for non majors. By invitation only. For history majors with a grade point average of 3.5 or better in major courses and all course work. No more than four credit hours may be applied toward the major.

HIST 4975 Study Abroad

CREDIT HOURS 3.0 - 4.0

PREREQUISITES Consent of the department and the faculty leading the study abroad trip

DESCRIPTION Through international travel, students are given an opportunity to participate in on-site study of the historical, intellectual and cultural past of various societies. May be repeated for credit if topics vary. This course may include a Signature Experience component.

HIST 4980 Internship

CREDIT HOURS 1.0 - 4.0

PREREQUISITES consent of department

DESCRIPTION Through a prescribed field experience, students are given the opportunity to apply knowledge, theory, and understanding gained from courses. This course may include a Signature Experience component.

HIST 4990 Historical Research-CTW

CREDIT HOURS 4.0

PREREQUISITES HIST 3000 with grade of C or higher and at least four upper-division history courses, including at least two at the 4000-level

DESCRIPTION Varies in topic and theme. A specialist guides students in the design of individual research topics, the collection and analysis of evidence from primary sources, and composition of a coherent research paper with depth. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all History majors. This course may include a Signature Experience component.

HIST 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements. This course may include a Signature Experience component.

HON HONORS

HON 1000 Honors Seminar

CREDIT HOURS 1.0

PREREQUISITES Good standing with the Honors College

DESCRIPTION Intensive investigation of a special topic related to instructor's area of expertise.

HON 2000 Introduction to Lead with Honors

CREDIT HOURS 1.0

DESCRIPTION Seminar for students accepted into the Lead with Honors program. Readings and assignments will explore leadership styles and develop studentsâ leadership skills and capacity. Local, national, and international leaders across public and private sectors will attend classes to share their leadership values and experiences.

HON 2260 Honors Colloquium

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Good standing with the Honors College

DESCRIPTION Presentation of various interdisciplinary topics in the humanities, the social sciences, the natural sciences, and business. May be repeated as readings vary.

HON 3000 Honors Lead Seminar

CREDIT HOURS 3.0

DESCRIPTION Prequisite: HON 2000. Seminar open to students participating in Lead with Honors Program. Readings and discussion will explore leadership theories and facilitate the transition to students' internships in public and private organizations.

HON 3260 Honors Topics Interdisciplinary Seminar

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Permission of Honors College

DESCRIPTION Advanced seminar on special topics taught with interdisciplinary perspective. Emphasis on classroom discussion, writing, and research. Topics are variable and related to faculty research interests. Often team taught by faculty from different departments and colleges.

HON 3280 Honors Service Learning

CREDIT HOURS 1.0 - 3.0

DESCRIPTION Students learn by serving a community or organization, such as the underrepresented and underserved, non-profit organizations, or government agencies.

HON 3500 Honors LEAD Internship

CREDIT HOURS 3.0

PREREQUISITES Permission of Honors College

DESCRIPTION Internship open to students participating in Lead with Honors Program. Students will be matched to internship sites that correspond to their professional interests and that offer exposure to leadership experiences within an organization.

HON 3750 Honors Forum

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Good standing with the Honors College

DESCRIPTION Readings from classics in the liberal arts supplemented by attendance at concerts, art museums and galleries, or theatrical performances. May be repeated as readings vary.

HON 4000 Honors Studies in Multicultural Diversity

CREDIT HOURS 1.0 - 6.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION On-site study of intellectual and cultural products of various societies. May be repeated as readings vary.

HON 4200 Honors Internship

CREDIT HOURS 1.0 - 6.0

PREREQUISITES Permission of Honors College

DESCRIPTION Placement in domestic or international internships offered through the Honors College. Includes internships in the Atlanta Metropolitan area, the Georgia delegation of senators and representatives in Washington DC, and in various settings in London.

HON 4300 Honors LEAD Senior Practicum

CREDIT HOURS 3.0

DESCRIPTION The course focuses on demonstrating the competencies of leadership through campus and field experiences. Students must select five of the ten competencies of the certificate program to document and reflect upon in a portfolio of work that summarizes their experiences and learning in the LEAD program.

HON 4870 Honors Thesis: Research

CREDIT HOURS 1.0 - 6.0

DESCRIPTION Prerequisites:Good standing with the Honors College and consent of instructor. Readings or research preparatory to honors thesis or project.

HON 4880 Honors Thesis: Writing

CREDIT HOURS 1.0 - 6.0

PREREQUISITES HON 4870, Good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project.

HADM HOSPITALITY ADMINISTRATION

HADM 3010 Perspectives in the Hospitality Industry

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6

DESCRIPTION This course provides an overview of the historical evolution and development of the modern lodging, food service, travel and tourism, and other hospitality-related industries. Current situation and future trends of the hospitality enterprise system are examined in relation to career opportunities.

HADM 3310 Hotel Management

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6

DESCRIPTION This course is designed to present an overview of the basic components of hotel operations; a historical view of the development of the hotel industry; and understanding of the functions of front and back of the house hotel operations; classifications of hotel products/services; and future trends in hotel development and operations.

HADM 3350 Meeting and Trade Show Management

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6

DESCRIPTION This is a survey course in meetings and trade show management which provides students with a broad overview of the basic structure of large meetings and trade show management. Subject matter includes the role of the corporate, association, and independent meeting planner. The course also includes an examination of trade show purposes, types of facilities, budgeting, contracting, scheduling, and organization structures. Industry trends, issues, and employment opportunities within the disciplines of meetings and trade shows are also covered.

HADM 3401 Principles of Food Production

CREDIT HOURS 2.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION Students must concurrently enroll in HADM 3402, Food Production Lab. This is the lecture component of the introductory course in quantity food production. The principles of commerical and institutional food production, emphasizing the terminology, utensils, equipment,fundamental culinary procedures, sanitation and safety standards, standardized recipes, and recipe costing are covered.

HADM 3402 Food Production Lab

CREDIT HOURS 1.0

COREQUISITES HADM 3401

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION Lab fee $75.00 (for products used in the course), fall and spring terms and $50.00 for summer terms. Students must concurently enroll in HADM 3401 (2) lecture section. This is a hands-on-food preparation lab where students will interact with and demonstrate the principles of quantity food production in a food production facility. Classes meet once a week for 14 weeks.

HADM 3420 Restaurant and Food Service Management

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION This course covers the history, organization, and development of modern food service concepts: industry demographics, impact of restaurants' location, menu design, business entities, franchising, service delivery systems, equipment selection, facility layout, and career demands. The food service industry includes not only commercial table service restaurants and fast food operations, but all public and private operations offering food service to a constituency that includes retail, contract feeding, military, education, health care, transportation, and recreation areas.

HADM 3490 Private Club Management

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION This course explores the operation and management of private city, country, and athletic clubs. Topics include the general manager concept, organizational structure of clubs, board of directors, membership requirements, equity and nonequity clubs, tax-exempt clubs and nontax-exempt clubs, duties and responsibilities of department heads in private clubs, governmental regulations, the future of clubs, and the relationship of private clubs to the hospitality industry.

HADM 3500 Beverage Management

CREDIT HOURS 3.0

PREREQUISITES Students must be 21 years of age

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION Authorization of age is provided prior to registration. Lab fee $60.00 (for products used in the course). 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 Event Management

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6

DESCRIPTION This course is a survey course in expositions, fairs and entertainment management that 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 HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CPS 1, 6

DESCRIPTION This course examines federal, state and local laws applicable to the operation of food and lodging enterprises. The student also studies innkeeper-guest relationship and liability issues impacting ownership, management, and employees. Bailment, agency, and contracts are presented in the context of hospitality enterprises.

HADM 3750 Hospitality Human Resources Management

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6

DESCRIPTION This course investigates the study of organizational behavior, selection and placement of personnel, role of supervision, performance appraisal, wage and salary administration, employee motivation, communication and training as they pertain to the establishment of an effective employee relations program in hospitality businesses.

HADM 3760 Hospitality Service Marketing

CREDIT HOURS 3.0

PREREQUISITES MK 3010 or consent of instructor and BCOM 3950 and MGS 3100

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION This course provides an introduction to service marketing and its application to the hospitality industry, including the application of basic marketing concepts and research methods. The course will also cover the design and delivery of a marketing plan for a hospitality business.

HADM 3770 Fundamentals of Franchising Entrepreneurship

CREDIT HOURS 3.0

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours (or 2.5 GPA for non-RCB Majors), CSP 1, 6

DESCRIPTION Franchising basics will be explored as applied to a variety of businesses. The effects of franchising on modern business, what defines a franchise, types of franchises and the roles of franchisors and franchisees will be analyzed through real-life franchise examples. The advantages and disadvantages of franchising will be discussed as well as factors that should be considered in selecting the franchise. Raising capital will be explored as well as legal issues particularly as applied to start-up operations. The operation of the franchise business will be explored. Resources on the international, national and regional levels for franchise operations will be included and comparisons between international and domestic franchising will be discussed.

HADM 3800 Hospitality Quality Management

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION An examination of the issues and strategies of hospitality service where service is defined as, "a useful activity that does not produce a tangible product" but produces results for customers and, in come cases, actually changes customers; The concept of service and linkages to the functional areas of marketing, operations and human resources of hospitality businesses will be discussed. Different strategies for planning and implementing effective customer service will be covered including Six Sigma and utilizing Malcolm Baldrige Quality for Excellence criteria in a variety of hospitality settings including hotels, restaurants, foodservice operations, convention/meeting facilities, venues and clubs.

HADM 4100 Hospitality Financial Analysis

CREDIT HOURS 3.0

PREREQUISITES FI 3300 or consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION Lab fee $70.00 (includes a certification exam, Certification in Hospitality Industry Analytics). Internal systems for monitoring revenues and expenses, ratio analysis, break-even, and closing point are pre- sented as additional financial tools for the owner-manager. Other topics include labor costs analysis and scheduling techniques; the menu as a cost control and marketing tool; sales mix analysis; pricing theories and methodology; food and beverage purchasing; and inventory systems. The course also covers the Uniform System of Accounts for Restaurants and Small Hotels and Motels, financial reporting for opera- tional analysis, and proforma development.

HADM 4200 Venue and Facility Management

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION This course will focus on the principles and practices of facility and venue management. The course will provide an overview of managing a variety of venues including arenas, amphitheaters, auditoriums/theaters, convention centers, stadiums and special event facilities. Ownership and governance of facilities will be discussed including current funding approaches used in building and operating different types of venues. The major functional areas will be discussed in detail.

HADM 4300 Aviation Management

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1 ,2, 6

DESCRIPTION This course is designed to provide students with a foundation of information on airline management and airport management in what collectively will be referred to as "aviation management." The course will cover aviation history, laws and regulations impacting airlines and airports, security issues, technology including yield management principles applied to airline fares and career opportunities in this industry. Domestic and international airlines and airports will be covered.

HADM 4389 Directed Readings in Hospitality Administration

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION

HADM 4400 Airline Management and Marking

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION This course focuses on airline business and marketing strategies as tied to airline operations. Key airline functional areas such as airline forecasting, pricing, scheduling, fleet planning, human and labor relations and financing will be included. The interaction between airline operations, business planning and marketing strategies is explored. International aviation will be explored as it relates to airline business and marketing plans.

HADM 4450 Airport Operations and Management

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION CSP: 1.2.6. This course provides an overview of operations, management, planning and design of airports. It is designed to provide students with high-level familiarity with major parts of an airport. It also provides a context for understanding and expressing issues related to airports. Emphasis will be placed on understanding the management, operations and planning of an airport and economic constraints under which the industry operates.

HADM 4600 Hospitality European Experience

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP Word, PowerPoint

DESCRIPTION This course explores hospitality operations in European countries including hotels, restaurants, convention center, spas and resorts, casino operations and producers such as wineries and breweries. The focus of the course, held in conjunction with the European Hospitality Study Abroad trip, is a comparative analysis of this industry including economic impact, organizational stucture, market segmentation, human resource issues, service management and sustainable practices. Students will visit a variey of hospitality operations including time with management teams to discuss the specific operational details of the business. Comparative analyses will be involved between the European countries visited as well as with the hospitality industry in the United States.

HADM 4800 Hospitality Strategic Leadership-CTW

CREDIT HOURS 3.0

PREREQUISITES Completion of 12 semester hours in required HADM courses

DESCRIPTION This course satisfies critical thinking through writing requirements. The course 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 Hospitality Field Experience

CREDIT HOURS 0.0

PREREQUISITES Completion of 400 work units

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION CSP: 1, 6. All hospitality majors, upon completion of 400 units of hospitality work experience and upon completion of the work-study portfolio, must register for HADM 4900. This course carries no hours credit, and there are no tuition fees involved. Grading is satisfactory/Unsatisfactory based on successful completion of the work-hour requirement and the portfolio which details work experiences and involves the students' self-critique of their skills and knowledge in preparation for a career in the hospitality industry.

HADM 4990 Hospitality Management Practicum

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Approval of school director

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course is designed to provide hospitality students an opportunity to gain management experience in the industry work environment prior to graduation. This course also provides structured and controlled training programs where students are given limited management authority and responsibility. Application must be made and approved a minimum of one term in advance of internship. This course may include a Signature Experience component.

HUMN 1000 Introduction to the Humanities

CREDIT HOURS 3.0

DESCRIPTION Introduction to humanistic inquiry and expression and its pivotal role in understanding human cultures. Students explore the contributions of a variety of humanistic disciplines and the methods of human expression they study. Works of central importance from diverse cultural traditions are examined.

ISCI 2001 Integrated Science I: Life/Earth Sciences

CREDIT HOURS 3.0

PREREQUISITES Students must have declared Early Childhood Education as their major

DESCRIPTION This is an inquiry-based content course designed to familiarize students with the fundamental concepts of biology and geology. Topics include life, biosphere, diversity, heredity, cells, ecosystems, Earth systems, lithosphere, hydrosphere, solar system, star charts, and weather. This course includes numerous hands-on activities.

ISCI 2002 Integrated Science II: The Physical Sciences

CREDIT HOURS 3.0

PREREQUISITES Students must have declared Early Childhood Education as their major

DESCRIPTION Examination of basic physical concepts, focusing on their applications in the areas of mechanics, electricity, heat, sound, light, matter, and energy. Laboratory exercises are integrated into the scheduled class periods to emphasize an experimental approach to learning. The course also includes examples of computer-based instruction in the classroom. The course focuses on the needs of Early Childhood Educators and also includes examples.

IEP 0350 Special Topics in English Proficiency Test Preparation

CREDIT HOURS 3.0

DESCRIPTION The course develops studentsâ test taking skills for the TOEFL and/or IELTS examination.

IEP 0360 Special Topics in English Proficiency Test Preparation: GRE

CREDIT HOURS 3.0

PREREQUISITES Students must have successfully completed IEP 0650 or scored 5+ on all sections of the IEP Placement Test

DESCRIPTION The goal of this course is for students seeking graduate school admission to strengthen their understanding of verbal reasoning tasks on the Graduate Record Examination (GRE) and to improve their skills on this portion of the GRE.

IEP 0410 Oral Fluency I

CREDIT HOURS 3.0

DESCRIPTION Oral fluency for basic level non-native speakers of English; focus on vocabulary, grammar, and communicative activities.

IEP 0420 Oral Fluency II

CREDIT HOURS 3.0

DESCRIPTION Oral fluency for low-intermediate level non-native speakers of English; focus on vocabulary, grammar, and communicative abilities.

IEP 0450 Selected Topics in English: Pronunciation and Oral Fluency

CREDIT HOURS 3.0

DESCRIPTION Pronunciation and Oral Fluency of English for students whose native language is not English. In this course, students focus on how to make their speech in English more intelligible through exercises in: thought-grouping, intonation, stress and pausing, and pronunciation of discreet sounds (consonants and vowels) crucial to communicating meaning. In this course, students will learn how to improve their intelligibility by analyzing samples of clear speech and by analyzing and improving their own speech through listening to recordings and practice.

IEP 0510 Extensive Reading I

CREDIT HOURS 3.0

DESCRIPTION Extensive reading of academic and non-academic literature for basic level non-native speakers of English.

IEP 0520 Extensive Reading II

CREDIT HOURS 3.0

DESCRIPTION Extensive reading of academic and non-academic literature for low-intermediate level non-native speakers of English.

IEP 0530 Extensive Reading III

CREDIT HOURS 3.0

DESCRIPTION Extensive reading of academic and non-academic literature for intermediate level non-native speakers of English.

IEP 0540 Extensive Reading IV

CREDIT HOURS 3.0

DESCRIPTION Extensive reading of academic and non-academic literature for high-intermediate level non-native speakers of English.

IEP 0550 Extensive Reading V

CREDIT HOURS 3.0

DESCRIPTION Extensive reading of academic and non-academic literature for advanced level nonnative speakers of English.

IEP 0610 Introductory Structure and Writing I

CREDIT HOURS 6.0

DESCRIPTION English structure and writing for basic level non-native speakers of English.

IEP 0620 Introductory Structure and Writing II

CREDIT HOURS 6.0

DESCRIPTION English structure and writing for low-intermediate level non-native speakers of English.

IEP 0630 Structure and Composition III

CREDIT HOURS 6.0

DESCRIPTION Applied English structure in extensive writing for intermediate level non-native speakers of English.

IEP 0640 Structure and Composition IV

CREDIT HOURS 6.0

DESCRIPTION Applied English structure in extensive writing for high-intermediate level non-native speakers of English.

IEP 0650 Structure and Composition V

CREDIT HOURS 6.0

DESCRIPTION Applied English structure in extensive writing for for advanced level non-native speakers of English.

IEP 0660 Structure and Composition

CREDIT HOURS 6.0

PREREQUISITES Students must have successfully completed IEP 0650 or be placed above level 5 per the IEP placement exam

DESCRIPTION The goal of this course is for students seeking graduate school admission to build and apply their knowledge of different types of academic writing and the grammar of academic writing, specifically as it applies to graduate school admission.

IEP 0710 Oral Communication for Academic Purposes I

CREDIT HOURS 3.0

DESCRIPTION Oral communication for basic level non-native speakers of English.

IEP 0720 Oral Communication for Academic Purposes II

CREDIT HOURS 3.0

DESCRIPTION Oral communication for low-intermediate level non-native speakers of English.

IEP 0730 Oral Communication for Academic Purposes III

CREDIT HOURS 3.0

DESCRIPTION Oral communication for intermediate level non-native speakers of English.

IEP 0740 Oral Communication for Academic Purposes IV

CREDIT HOURS 3.0

DESCRIPTION Oral communication for high-intermediate level non-native speakers of English.

IEP 0750 Oral Communication for Academic Purposes V

CREDIT HOURS 3.0

DESCRIPTION Oral communication for advanced level non-native speakers of English.

IEP 0760 Oral Communication for Academic Purposes VI

CREDIT HOURS 3.0

DESCRIPTION Students must have successfully completed IEP 0750 or score above Level 5 on the IEP Placement Exam. The goal of this course is for students seeking graduate school admission to learn and practice academic oral communication skills related to speaking and pronunciation.

IEP 0810 Reading Skills I

CREDIT HOURS 3.0

DESCRIPTION Reading skills for basic level nonnative speakers of English.

IEP 0820 Reading Skills II

CREDIT HOURS 3.0

DESCRIPTION Reading skills for low-intermediate level nonnative speakers of English.

IEP 0830 Reading and Listening for Academic Purposes III

CREDIT HOURS 3.0

DESCRIPTION Reading and listening skills for intermediate level non-native speakers of English.

IEP 0840 Reading and Listening for Academic Purposes IV

CREDIT HOURS 3.0

DESCRIPTION Reading and listening skills for high-intermediate level non-native speakers of English.

IEP 0850 Reading and Listening for Academic Purposes V

CREDIT HOURS 3.0

DESCRIPTION Reading and listening skills for advanced level non-native speakers of English.

IEP 0860 Selected Topics in English: Vocabulary

CREDIT HOURS 3.0

PREREQUISITES Students must have successfully completed IEP 0850 or scored 5+ on the IEP Placement Test

DESCRIPTION This course focuses on strategies to help students who are non-native speakers of English increase their productive vocabulary in specialized academic and vocational areas.

IEP 0895 Business Reading and Writing

CREDIT HOURS 2.0

PREREQUISITES None

REQUIREMENTS Conditional admission to Robinson College of Business

DESCRIPTION This course is for pre-graduate students of RCB's specialized majors. The goal is for students to complete a variety of reading, writing, and vocabulary activities to learn basic techniques for understanding, analyzing, and producing different types of business writing. This course is part of a five-course program and will be required by pre-RCB students who have been conditionally admitted based on English proficiency requirements in Robinson College of Business. Course is graded on pass/fail basis.0.000 credit hours.

IEP 0896 Speaking and Listening for Presentations

CREDIT HOURS 2.0

PREREQUISITES None

REQUIREMENTS Conditional admission to Robinson College of Business

DESCRIPTION This course is for pre-graduate students of RCB's specialized majors. The goal is for students to complete a variety of speaking and listening tasks to learn about the conventions of oral communication in order to comprehend course lectures and speak publicly effectively and confidently in the American university classroom. This course is part of a five-course program and will be required by pre-RCB students who have been conditionally admitted based on English proficiency requirements in Robinson College of Business. Course is graded on pass/fail basis.0.000 credit hours.

IEP 0897 American Classroom Culture Preparation

CREDIT HOURS 2.0

PREREQUISITES None

REQUIREMENTS Conditional admission to Robinson College of Business

DESCRIPTION This course is for pre-graduate students of RCB's specialized majors. The goal is for students to build their awareness of US classroom expectations through a variety of course readings, lectures, and speaking tasks. This course is part of a five-course program and will be required by pre-RCB students who have been conditionally admitted based on English proficiency requirements in Robinson College of Business. Course is graded on pass/fail basis. 0.000 credit hours.

IEP 0898 Career Skills for Business Students

CREDIT HOURS 2.0

PREREQUISITES None

REQUIREMENTS Conditional admission to Robinson College of Business

DESCRIPTION This course is for pre-graduate students of RCB's specialized majors. The goal is for students to build their awareness sociocultural skills needed in the workplace through a variety of course readings, lectures, and speaking tasks. This course is part of a five-course program and will be required by pre-RCB students who have been conditionally admitted based on English proficiency requirements in Robinson College of Business. Course is graded on pass/fail basis. 0.000 credit hours.

IEP 0899 Special Topics in Business School Preparation-Experiential Fridays

CREDIT HOURS 2.0

PREREQUISITES None

REQUIREMENTS Conditional admission to Robinson College of Business

DESCRIPTION This course is for pre-graduate students of RCB's specialized majors. The goal is for students to expand their knowledge by engaging in interdisciplinary learning, civic engagement, career development, cultural awareness, leadership, and other professional and intellectual activities. This course is part of a five-course program and will be required by pre-RCB students who have been conditionally admitted based on English proficiency requirements in Robinson College of Business. Course is graded on pass/fail basis. 0.000 credit hours.

IEP 0930 Writing for University Exams III

CREDIT HOURS 3.0

DESCRIPTION Academic writing for intermediate level nonnative speakers of English.

IEP 0940 Writing for University Exams IV

CREDIT HOURS 3.0

DESCRIPTION Academic writing for high-intermediate level nonnative speakers of English.

IEP 0950 Writing for University Exams V

CREDIT HOURS 3.0

DESCRIPTION Academic writing for advanced level nonnative speakers of English.

IEP 0960 Selected Topics in English: U.S. Academic Culture

CREDIT HOURS 3.0

PREREQUISITES Students must have successfully completed IEP 0950 or scored 5+ on the IEP Placement Test

DESCRIPTION The goal of this course is for students seeking graduate school admission to investigate the graduate admission process for schools that they might like to attend, and to begin and/or continue the admission process.

IEP 0997 Reading Skills for Legal English Students

CREDIT HOURS 6.0

PREREQUISITES None

DESCRIPTION Requirements. Conditional admission to the LLM program. This course focuses on reading and vocabulary skills to help pre-LLM students enhance their general, academic and legal English. This course is part of a three-course program and will be required by pre-LLM students who have been conditionally admitted based on English proficiency requirements in the College of Law. Course is graded on pass/fail basis.0.000 credit hours.

IEP 0998 Writing Skills for Legal English Students

CREDIT HOURS 6.0

PREREQUISITES None

REQUIREMENTS Conditional admission to the LLM program

DESCRIPTION This course focuses on writing and research skills to help pre-LLM students enhance their general, academic and legal English. This course is part of a three-course program and will be required by pre-LLM students who have been conditionally admitted based on English proficiency requirements in the College of Law. Course is graded on pass/fail basis.

IEP 0999 Oral Communication Skills for Legal English Students

CREDIT HOURS 6.0

PREREQUISITES None

DESCRIPTION Requirements. Conditional admission to the LLM program. This course focuses on communication skills to help pre-LLM students enhance their general, academic and legal English. This course is part of a three-course program and will be required by LLM students who have been conditionally admitted based on English proficiency requirements in the College of Law. Course is graded on pass/fail basis.0.000 credit hours.

ID INTERIOR DESIGN

ID 3000 Drafting

CREDIT HOURS 3.0

PREREQUISITES ART 1010, ART 1020, ART 1030, ART 1050, AH 2000 and AH 1700 or AH 1750 or AH 1850 with grades of C or higher

DESCRIPTION Plan, elevation, section drawing including visualization, lettering, multiview paraline, and perspective projections are explored.

FEES $75.00

ID 3250 Computer-Aided Drafting and Design I

CREDIT HOURS 2.0

PREREQUISITES ID 3000 and ID 3300 with grades of C or higher or consent of instructor

DESCRIPTION

FEES $75.00

ID 3300 Interior Design: Theory

CREDIT HOURS 3.0

PREREQUISITES ART 1010, ART 1020, ART 1030, ART 1050, AH 2000 and AH 1700 or AH 1750 with grades of C or higher

DESCRIPTION Study and exploration of principles of color and design of the interior environment.

FEES $75.00

ID 3350 Interior Design: Materials

CREDIT HOURS 3.0

PREREQUISITES ID 3300 with grade of C or higher and consent of instructor

DESCRIPTION General overview and introduction to interior materials, their specific properties, and appropriate applications. Lab fee: $75.00.

ID 3500 Interior Design: Spatial Organization

CREDIT HOURS 3.0

PREREQUISITES ID 3300 with grade of C or higher and consent of instructor

DESCRIPTION Organizing objects in space using architectural dimension and human factors. Lab fee: $75.00.

ID 3600 Building Systems and Codes

CREDIT HOURS 2.0

PREREQUISITES ID 3000 and ID 3300 with grade of C or higher and consent of instructor

DESCRIPTION Comprehensive introduction to the basic elements of building construction, environmental building systems, and design and construction regulations. Lab fee: $75.00.

ID 3910 History of Interior Design I

CREDIT HOURS 3.0

PREREQUISITES ART 1010, ART 1020, ART 1030, ART 1050, and AH 1700 or AH 1750 with grades of C or higher, or consent of instructor

DESCRIPTION Development of architecture, interiors, and the decorative arts. Global Perspectives Course.

ID 3920 History of Interior Design II

CREDIT HOURS 3.0

PREREQUISITES ID 3910 with grade of C or higher, or consent of instructor

DESCRIPTION Development of architecture, interiors, and the decorative arts. Global Perspectives Course.

ID 4000 Interior Design: Selected Topics

CREDIT HOURS 3.0

PREREQUISITES ID 3500 with grade of C or higher, or consent of instructor

DESCRIPTION Advanced studio problems for interior design majors. May be repeated for a maximum of six credit hours.

ID 4100 Lighting Design

CREDIT HOURS 2.0

PREREQUISITES ID 3350, ID 3500, and ID 3600 with grades of C or higher

DESCRIPTION Comprehensive introduction to the application of effective lighting design to enhance and complement varied residential and non-residential interior design solutions.

FEES $75.00

ID 4200 Residential Design I

CREDIT HOURS 3.0

PREREQUISITES ID 3350, ID 3500, and ID 3600 with grades of C or higher

DESCRIPTION Design of residential interiors considering varied lifestyles, housing types, socio-economic conditions, and life stages.

FEES $75.00

ID 4300 Commercial Design I

CREDIT HOURS 3.0

PREREQUISITES ID 3350, ID 3500, and ID 3600 with grades of C or higher

DESCRIPTION Program development, functional analysis, and design of commercial environments.

FEES $75.00

ID 4350 Computer-Aided Drafting and Design II

CREDIT HOURS 2.0

PREREQUISITES ID 3250 with grade of C or higher or consent of instructor An introduction to computer-aided drafting techniques for creating three-dimensional interior spaces

DESCRIPTION

FEES $75.00

ID 4400 Comp-Aided Drafting & Design III: Working Drawings

CREDIT HOURS 2.0

PREREQUISITES ID 4350 with grade of C or higher, or consent of instructor

DESCRIPTION Digital production of contract documents for interior construction. Lab Fee $75.00.

ID 4500 Directed Study

CREDIT HOURS 3.0

PREREQUISITES ID 3500 with grade of C or higher, or consent of instructor

DESCRIPTION Advanced studio problems in interior design. May be repeated for a maximum of six credit hours.

ID 4800 Professional Practice for Interior Designers

CREDIT HOURS 2.0

PREREQUISITES ID 4200 with grade of C or higher

DESCRIPTION Legal, marketing, office and project management, ethics, and personnel issues in the professional practice.

ID 4930 Interior Design Internship

CREDIT HOURS 3.0

PREREQUISITES ID 4300 with grade of C or higher, and consent of program director

DESCRIPTION Professional experiences in interior design or related fields. May be repeated for a maximum of six credit hours. This course may include a Signature Experience component.

ID 4940 Interior Design Portfolio I

CREDIT HOURS 3.0

PREREQUISITES ID 4300 with grades of C or higher

DESCRIPTION Senior-year studio experiences for B.F.A. degree candidates. Extensive research and documentation required for final senior portfolio project. Committee review.

ID 4950 Interior Design Portfolio II-CTW

CREDIT HOURS 3.0

PREREQUISITES ID 4940 with grade of C or higher

DESCRIPTION Culminating experiences for B.F.A. degree candidates. Committee review. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all Interior Design majors.

ID 4980 Special Problems

CREDIT HOURS 3.0

PREREQUISITES Consent of instructor and of school director

DESCRIPTION Independent studies initiated by the student. May be repeated for a maximum of six credit hours.

IB 3090 International Business Operations

CREDIT HOURS 3.0

PREREQUISITES BUSA 3000, and ECON 2105, and ECON 2106

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course builds on BUSA 3000 where students examine globalization of markets and are exposed to the macro environment of international business. Attention shifts in this course to the individual firm and the decisions it faces in internationalization. Both small, entrepreneurial firms as well as large multinational enterprises are examined. Topics addressed include: formulating an internationalization strategy, assessment of global market opportunities, foreign market entry modes, marketing strategies, and management of human resources and financial transactions. Challenges of doing business in emerging markets is a special topic. Global Perspectives Course.

IB 4020 International Trade Management

CREDIT HOURS 3.0

PREREQUISITES BUSA 3000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course covers basic international trade management. This includes the functions and responsibilities of export and import managers who are directly involved with planning and implementing international company policies designed to expand export/import activities. A secondary objective is to examine the public policy aspects of exporting and importing. Global Perspectives Course.

IB 4030 China's Economy & International Business Environment

CREDIT HOURS 3.0

PREREQUISITES None

DESCRIPTION An introduction to China'⍰⍰s role in international business, focusing on its economic transition and opening to global markets, and the resulting opportunities and challenges for foreign investment in China, the growing international competitive environment as Chinese companies invest abroad, and the changing parameters of U.S.-China relations.

IB 4040 Doing Business in World Regions

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS 45 semester hours

DESCRIPTION Course focuses on the political, legal, socioeconomic and technological environment of a specific world region. Based on a regional macro-environmental analysis, the course will delve into the various aspects of doing business in the region using leading economies as a context. For this course, world regions will include Africa, MENA, Latin America, Europe, or Asia. Students develop an in-depth understanding of environmental factors affecting key issues in a specific region, and the way these factors affect business practices. In any semester, the course will focus on doing business in a particular region such as Africaâ⍰⍰in other semesters, a different region such as Latin America or Asia will be the focus.

IB 4080 Legal Issues in International Business

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course addresses the business and legal issues of international trade and private commercial transactions and associated concerns. The course covers all types of international business transactions: import/export, distributorships, technology transfers, and foreign direct investment. The course also addresses the international regulation of trade and international dispute resolution. Students will learn practical strategies for negotiating international contracts, working with overseas agents and partners, protecting intellectual property rights, and managing cross-cultural, commercial, political, and other concerns in international transactions.

IB 4100 Introduction to International Entrepreneurship

CREDIT HOURS 3.0

PREREQUISITES BUSA 3000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 3

DESCRIPTION Applied aspects of starting a business in the international environment. The course is composed of four modules: creativity, finance, import/export, and marketing. Students complete business plans and are exposed to practical aspects of new business startups. The issue of why some countries are more entrepreneurial than others is explored, with a comparison of national business systems from the perspective of initiating and expanding a business venture.

IB 4389 Directed Readings in International Business

CREDIT HOURS 1.0 - 6.0

PREREQUISITES Consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION

IB 4391 International Business Field Study

CREDIT HOURS 3.0

PREREQUISITES Sucessful completion of BUSA 3000 and department approval

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course enables a student to participate in an international field study at a locally-based international consulate, chamber of commerce or other organizations. When the student satisfies the above requirements, he/she can apply to trhe department , during the normal registration period for the upcoming semester, by providing a written description of the proposed field study. The course is graded on a satisfactory/unsatisfactory basis. This course may include a Signature Experience component.

IB 4410 Study Abroad: Analysis of Regional International Business Practices

CREDIT HOURS 3.0 - 6.0

PREREQUISITES IB 3090 or consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course involves an analysis of the different factors affecting the practice of business in different regions of the world. Historical background, current internal reforms and trends in open-market economies, and the prevailing business climate in the country of focus are examined. An in-country experience is a required segment of the course. This course may be repeated for different world regions. This course may include a Signature Experience component.

INST 1011 Study Abroad

CREDIT HOURS 1.0 - 3.0

REQUIREMENTS Department chair's or Academic Dean's approval is required before students may use this course as part of their degree program requirements.

DESCRIPTION This course is for students studying abroad in credit study abroad programs

INST 1012 Study Abroad

CREDIT HOURS 1.0 - 3.0

REQUIREMENTS Department chair's or Academic Dean's approval is required before students may use this course as part of their degree program requirements.

DESCRIPTION This course is for students studying abroad in credit studyabroad programs

INST 2011 Study Abroad

CREDIT HOURS 1.0 - 3.0

REQUIREMENTS Department chair's or Academic Dean's approval is required before students may use this course as part of their degree program requirements.

DESCRIPTION This course is for students studying abroad in credit study abroad programs

INST 2012 Study Abroad

CREDIT HOURS 1.0 - 3.0

REQUIREMENTS Department chair's or Academic Dean's approval is required before students may use this course as part of their degree program requirements.

DESCRIPTION This course is for students studying abroad in credit study abroad programs

ITAL ITALIAN

ITAL 1001 Elementary Italian I

CREDIT HOURS 3.0

DESCRIPTION Comprehension, conversation, reading, and grammar. The use of the Language Laboratory is strongly recommended. Students introduced to various aspects of italian culture. Not open to native speakers of Italian.

ITAL 1002 Elementary Italian II

CREDIT HOURS 3.0

PREREQUISITES ITAL 1001 with grade of C or higher, or placement into 1002

DESCRIPTION Comprehension, conversation, reading, and grammar. The use of the Language Laboratory is strongly recommended. Students introduced to various aspects of italian culture. Not open to native speakers of Italian.

ITAL 2001 Intermediate Italian I

CREDIT HOURS 3.0

PREREQUISITES ITAL 1002 with grade of C or higher, or placement into 2001

DESCRIPTION Conversation, composition, expansion of the vocabulary, grammar review. The use of the Language Laboratory is strongly recommended. Italian culture presented. Not open to native speakers of Italian.

ITAL 2002 Intermediate Italian II

CREDIT HOURS 3.0

PREREQUISITES ITAL 2001 with grade of C or higher, or placement into 2002

DESCRIPTION Active practice of major language skills with continued stress on vocabulary building through discussion of a variety of literary and non-literary readings. Italian culture presented. Not open to native speakers of Italian.

ITAL 3301 Civilization

CREDIT HOURS 3.0

PREREQUISITES ITAL 2002 with grade of C or higher

DESCRIPTION Geographical and historical aspects of Italy. Discussions, reading, and writing on topics related to Italy's past and its present. Global Perspectives Course.

ITAL 3302 Advanced Composition and Conversation

CREDIT HOURS 3.0

PREREQUISITES ITAL 2002 with grade of C or higher

DESCRIPTION Grammar and its application in written and oral composition.

ITAL 3303 Understanding and Analyzing Italian Cultural Expression

CREDIT HOURS 3.0

PREREQUISITES ITAL 3301 or ITAL 3302 with grade of C or higher, or consent of instructor

DESCRIPTION Introduction to the reading and analysis of major generic expressions of italian culture (literature in prose and verse, film, opera, popular song, television and pop culture). Students will read and analyze in oral and written Italian at least one major work in each genre, building on and solidifying previously learned grammatical and idiomatic structures and concentrating on speaking, listening, reading and writing in a more complex and structured format. Global Perspectives Course.

ITAL 4033 Italian for International Business I

CREDIT HOURS 3.0

PREREQUISITES ITAL 3301 or ITAL 3302 and ITAL 3303 with grade of C or higher

DESCRIPTION Business vocabulary and correspondence. Protocol of Business environment. Reading and analysis of commercial texts. Global Perspectives Course.

ITAL 4043 Italian for International Business II

CREDIT HOURS 3.0

PREREQUISITES ITAL 4033 with grade of C or higher

DESCRIPTION Business vocabulary and correspondence. Protocol of Business environment. Reading and analysis of commercial texts. Global Perspectives Course.

ITAL 4414 Special Topics in Italian Literature

CREDIT HOURS 3.0

PREREQUISITES ITAL 3301, ITAL 3302 and ITAL 3303 with grades of C or higher, or consent of instructor

DESCRIPTION Study of particular authors, genres, schools or topics not covered in regular courses. May be repeated if topics vary.

ITAL 4990 Independent Study – Special Topics for Majors

CREDIT HOURS 1.0 - 4.0

PREREQUISITES Completion of at least two 3000-level Italian courses with a grade of C or higher and consent of the instructor

DESCRIPTION For Italian majors with a grade point average of 3.0 or better in major courses and all course work. No more than four credit hours may be applied toward the major. Special topics readings and/or research to be determined in consultation with the instructor.

ITAL 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

JAPN 1001 Elementary Japanese I

CREDIT HOURS 3.0

DESCRIPTION Elementary grammar, practice with simple conversational patterns, introduction to writing systems. Students will be introduced to various aspects of Japanese culture. Not open to native speakers of Japanese.

JAPN 1002 Elementary Japanese II

CREDIT HOURS 3.0

PREREQUISITES JAPN 1001 with grade of C or higher, or placement into 1002

DESCRIPTION Elementary grammar, practice with simple conversational patterns, introduction to writing systems. Students will be introduced to various aspects of Japanese culture. Not open to native speakers of Japanese.

JAPN 1101 Intensive Elementary Japanese

CREDIT HOURS 6.0

DESCRIPTION Intensive introduction to Japanese, with emphasis on communicative competence, equivalent to JAPN 1001 and JAPN 1002. Not open to native speakers of Japanese.

JAPN 2001 Intermediate Japanese I

CREDIT HOURS 3.0

PREREQUISITES JAPN 1002 or JAPN 1101 with grade of C or higher, or placement into 2001

DESCRIPTION Intermediate grammar; practice in conversation, composition, and reading. Japanese culture presented.

JAPN 2002 Intermediate Japanese II

CREDIT HOURS 3.0

PREREQUISITES JAPN 2001 with grade of C or higher, or placement into 2002

DESCRIPTION Intermediate grammar; further practice in conversation, composition, and reading. Japanese culture presented.

JAPN 2012 Intermediate Composition and Conversation

CREDIT HOURS 3.0

PREREQUISITES JAPN 2002 with grade of C or higher, or equivalent

DESCRIPTION Continued practice of oral and compositional skills, with an emphasis on presentation of personal viewpoints.

JAPN 3001 Advanced Japanese I

CREDIT HOURS 3.0

PREREQUISITES JAPN 2002 with grade of C or higher, or equivalent

DESCRIPTION Continued practice in conversation, composition and reading; expansion of vocabulary; further mastery of grammatical structures.

JAPN 3002 Advanced Japanese II

CREDIT HOURS 3.0

PREREQUISITES JAPN 3001 with grade of C or higher, or equivalent

DESCRIPTION Practice in all receptive and productive language skills; further vocabulary expansion; grammar review.

JAPN 3010 Listening and Pronunciation Clinic

CREDIT HOURS 3.0

PREREQUISITES JAPN 2002 with grade of C or higher

DESCRIPTION JAPN 3001 recommended. Analysis of differences between English and Japanese phonetic segments and rules; exercises to help students overcome their foreign accent in Japanese through use of recently developed audio-lingual materials.

JAPN 3011 Advanced Japanese III

CREDIT HOURS 3.0

PREREQUISITES JAPN 3002 with grade of C or higher

DESCRIPTION Advanced grammar and word formation; conversation and writing practice.

JAPN 3012 Advanced Japanese IV

CREDIT HOURS 3.0

PREREQUISITES JAPN 3011 with grade of C or higher

DESCRIPTION Advanced grammar and word formation; conversation and writing practice.

JAPN 3013 Intensive Grammar Review

CREDIT HOURS 3.0

PREREQUISITES JAPN 3002 with grade of C or higher

DESCRIPTION Review of syntax and morphology for those who have completed the first three years of Japanese. This course serves as a prerequisite (with a grade of B or higher) for an upper-level composition course.

JAPN 3081 Japanese Language and Society

CREDIT HOURS 3.0

PREREQUISITES JAPN 1002 with grade of C or higher

DESCRIPTION Grammar review with emphasis on the social origins of linguistic structures of Japanese. Global Perspectives Course.

JAPN 3082 Reading and Writing in Japanese I

CREDIT HOURS 3.0

PREREQUISITES JAPN 3001 with grade of C or higher, or consent of instructor

DESCRIPTION Three lectures and one supervised lab a week. Mastery of 250 Kanji and practice in Japanese word processing.

JAPN 3084 Business Japanese

CREDIT HOURS 3.0

PREREQUISITES JAPN 3001 with grade of C or higher

DESCRIPTION This course will aim at enhancing a student's ability to understand and apply the practical Japanese encountered in realistic business situations. Global Perspectives Course.

JAPN 4063 Practicum in Japanese

CREDIT HOURS 3.0

PREREQUISITES Senior standing and consent of instructor

DESCRIPTION Directed work in special projects; field experience; internship. This course may include a Signature Experience component.

JAPN 4990 Independent Study – Special Topics for Majors

CREDIT HOURS 1.0 - 4.0

PREREQUISITES Completion of at least two 3000-level Japanese courses with a grade of C or higher and consent of the instructor

DESCRIPTION For Asian Studies majors with a grade point average of 3.0 or better in major courses and all course work. No more than four credit hours may be applied toward the major. Special topics readings and/or research to be determined in consultation with the instructor.

JAPN 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

JST 3000 Introduction to Jewish Studies

CREDIT HOURS 3.0

DESCRIPTION (Same as MES 3710.) A survey of Jewish experience since Biblical times, with special attention to the modern period (c. 1680-1945) and contemporary period (1945-present). Students synthesize material drawn from numerous disciplines, including film, history, literature, philosophy, religious studies, sociology, and women's studies. The course is facilitated by a lead teacher, with regular guest lectures by faculty and experts from different fields. Topics vary with faculty.

JST 3500 Jewish Studies Internship

CREDIT HOURS 3.0

DESCRIPTION Faculty-supervised internship. Placement to be determined in consultation with student. Possibilities include a synagogue, school, museum, theater, anti-defamation organization, civil/human rights organization, charitable fund, nursing home, film or book festival, community center, or periodical. This course may include a Signature Experience component.

JOUR JOURNALISM

JOUR 1000 Introduction to Mass Communication

CREDIT HOURS 3.0

DESCRIPTION Processes, uses, and effects of mass media in society. History, structure, and function of mass communication industries.

JOUR 1010 Basic News Writing

CREDIT HOURS 3.0

PREREQUISITES JOUR 1000 (or concurrently) and ENGL 1102 or ENGL 1103 with grades of C or higher

DESCRIPTION Basic news writing in a variety of media; the principles of journalistic writing and the fundamentals and techniques of news reporting.

JOUR 2010 Opinion Writing and Analysis

CREDIT HOURS 3.0

PREREQUISITES JOUR 1010 with a grade of C or higher

DESCRIPTION This course introduces students to a broad approach to analysis and opinion writing using current creative and persuasive journalistic models.

JOUR 2500 Foundations of Media Research

CREDIT HOURS 3.0

PREREQUISITES JOUR 1000 with a grade of C or higher

DESCRIPTION Introduction to qualitative and quantitative research methods, including the use of library and on-line resources, with emphasis on the critical skills needed to evaluate and conduct media and journalism research.

JOUR 3010 Advanced Media Writing

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Expanding on News Reporting, 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.

JOUR 3040 Communicating Environmental Issues

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Cross-listed with Spch 3040. Critical and cultural approaches to analyzing environmental discourses and producing problem-solving environmental messages. Global environmental issues are studied via: advocacy campaigns, journalism green marketing, industry rhetoric, science and risk communication, media representations, and environmental and animal ethics.

JOUR 3060 Communication Law and Regulation

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION 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 3500 Public Relation Techniques

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Principles and practices in the relations of an organization with its internal and external publics, with emphasis on written communication; role of public relations in decision making and policy formation.

JOUR 3560 Public Relations Writing and Projects

CREDIT HOURS 3.0

PREREQUISITES JOUR 3500 with a C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without departmental approval. Development of communication strategies and how written communication is used to execute those strategies. This is the mandatory CTW course for the Public Relations concentration.

JOUR 3690 Honors Readings

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and readings on selected topics.

JOUR 3900 Digital Journalism

CREDIT HOURS 3.0

PREREQUISITES JOUR 3010 and JOUR 3060 with a grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. This is a skills-based, project course. Working in teams, students will conceive, plan and execute multimedia news projects for online delivery. Emphasis is on developing professional journalistic and public relations practices applicable to multi-platform delivery systems. This course may include a Signature Experience component.

JOUR 4001 Sports Journalism

CREDIT HOURS 2.0

PREREQUISITES JOUR 3900 with a grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. The role of sports in American culture and the ways sports journalists report and write the wide range of issues in the field. Practical instruction in covering high school and college sports as continually breaking news stories; interviewing athletes and coaches; covering and reporting games or matches; and developing and informed voice for opinion writing. This course may include a Signature Experience component.

JOUR 4002 Lawmaking and Lobbying (State Government) Reporting

CREDIT HOURS 2.0

PREREQUISITES JOUR 3900 with a grade of C or better

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Journalism majors only. Reporting and producing stories about local government entities, e.g. city council, board of education, county commission, etc. Emphasis will be on the ?watchdog. role of journalists, access to records and Freedom of Information Act requests and how coverage of local government can be produced to engage the consumers of journalism about urban issues. This course may include a Signature Experience component.

JOUR 4005 Local Government Reporting

CREDIT HOURS 2.0

PREREQUISITES JOUR 3900 with a grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Journalism majors only. Reporting and producing stories about local government entities, e.g. city council, board of education, county commission, etc. Emphasis will be on the "watchdog" role of journalists, access to records and Freedom of Information Act requests and how coverage of local government can be produced to engage the consumers of journalism about urban issues. This course may include a Signature Experience component.

JOUR 4030 Journalism Practicum

CREDIT HOURS 1.0 - 4.0

PREREQUISITES JOUR 3900

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Practical application of audio/video recording and editing skills to produce broadcast quality video to be aired by Georgia Public Broadcasting or other media partners with the university. Students will select from a calendar of events on and off campus to record audio/video and to post-produce for GPB programming, and some travel may be required. There is no set class time, but students will have review meetings to discuss their recordings and/or post-production work.

JOUR 4040 History of the News Media

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 with a grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Comparative study of the origins and development of news systems in relation to their historical, social, political, ethical and economic environments. This is one of the capstone courses for the Journalism major.

JOUR 4070 Media Theory

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 with a C or higher

DESCRIPTION The development and application of theoretical perspectives on mediated communication, including critical and social-scientific approaches.

JOUR 4095 Journalism Entrepreneurship

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 with a grade of C or higher

DESCRIPTION Development of skills needed to build freelance portfolios and use social media platforms to manage their journalism brands. Pitching digital media products and content, business basics, building a resume, handling recruiter questions and enhancing professional presence on digital media are covered. Partnerships with local media executives and entrepreneurs are part of the curriculum plan.

JOUR 4120 Feature Writing

CREDIT HOURS 3.0

PREREQUISITES JOUR 3010 and JOUR 3060 with a grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. In-depth reporting and writing techniques for the development of feature writers across communication industries. Human interest writing is stressed.

JOUR 4180 Editorial & Critical Writing

CREDIT HOURS 3.0

PREREQUISITES JOUR 3010 and JOUR 3060 with a grade C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Analysis of editorials and persuasive writing; writing of editorials on national, state, and local issues. Analysis of leading critical periodicals; writing of criticism of films, television, books, plays, and other arts. This course is hybridized with both in-class and online learning components.

JOUR 4460 Health Communication

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without departmental approval

DESCRIPTION Use theories of health communication and persuasion to critique, develop, and evaluate health communication campaigns, entertainment-education efforts, and health in the news and entertainment media. Explore the role that interpersonal communication, social media, and new technology have on health behaviors.

JOUR 4480 Political Campaigns

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 with grades of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. (Same as Spch 4480.) (For journalism majors only.) Principles, theories, and practices of communication in political campaign contexts. Addresses national and/or international campaign issues.

JOUR 4500 Visual Communication

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 with grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. (Same as Spch 4500.) (For journalism majors only.) Examination of communication theories that help explain how visual images symbolically interact with audiences. The manifest and latent persuasive functions of visual messages will be explored in a variety of contexts, from the mass media to human interaction.

JOUR 4510 Media and Politics

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 with grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. (Same as Spch 4510.) (For journalism majors only.) Examination of the symbiotic relationship among the media, the political process, and the public. Emphasis on how media structures and conventions help identify and frame issues and provide interpretative frameworks for analyzing political messages.

JOUR 4540 Public Relations Campaigns

CREDIT HOURS 3.0

PREREQUISITES JOUR 3560 with a C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. The development and application of theoretical perspectives on mediated communication, including critical and social-scientific approaches. Examining and applying strategic communication techniques for implementing public relations campaign tactics.

JOUR 4590 African-American Popular Culture

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 with grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. (Same as AAS 4950.) (For journalism majors only.) Intellectual debates over the definitions and diversities of everyday African-American cultural production.

JOUR 4600 Readings in Journalism

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 with grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Readings and discussion of selected books and periodicals; reports, critiques, and lectures.

JOUR 4610 Applied Graphic Communication

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Introduction to the principles and techniques of visual journalism with focus on writing, designing and producing a variety of printed collateral and web graphics for target audiences. This course may include a Signature Experience component.

JOUR 4650 International Communication

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 with grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. (Same as MES 4600.) Critical and comparative approaches to the study of communication systems and journalism at the national, regional, and global levels. Analysis of issues and implications of the globalization of mass media, information systems, and culture. Strategies for international communication research.

JOUR 4660 Corporate Communication

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Structures, functions, and outcomes of corporate communication policies and behaviors; corporate missions, business plans, and the design of strategic communication plans to accomplish goals in contexts of corporate cultures, target audiences, and environmental issues.

JOUR 4665 International Public Relations

CREDIT HOURS 3.0

PREREQUISITES JOUR 3500 with grade of C or better

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Modern trends in international public relations as practiced by corporations, non-profit organizations and governments in different countries and regions of the world.

JOUR 4710 TV News Magazine

CREDIT HOURS 3.0

PREREQUISITES JOUR 3900 with a grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Reporting, writing, and producing stories appropriate for a TV news magazine program. This is a lecture/lab course using audio/video equipment.

JOUR 4720 Radio News

CREDIT HOURS 3.0

PREREQUISITES JOUR 3900 with grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Reporting, writing and producing stories and newscasts appropriate for radio stations, networks and their web sites. This is a lecture/lab course which has students using audio and editing equipment.

JOUR 4770 Media Management and Marketing

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 with a C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Planning, organizing, coordinating, controlling, and marketing media entities.

JOUR 4780 Women and Media

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 with grade of C or higher for Journalism majors

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Critical and analytical approaches applicable to the study of women in the media. Emphasis on research methods appropriate for analyzing mediated representations of women and the impact of those images on women in society. (Same as WGSS 4340.).

JOUR 4800 Media, Ethics & Society-CTW

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 with a grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Ethical, critical, theoretical and historical approaches to understanding mass media in contemporary society. This is one of two options for the senior capstone course for the Journalism major. It emphasizes critical thinking through research of ethical issues faced by past and present media professionals. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all journalism majors.

JOUR 4810 Media and Popular Culture

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 with grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Examination of mediated popular cultural forms from a variety of analytical perspectives as a way to understand social structures and everyday practices. Emphasis on dominant cultural and subcultural readings of artifacts produced by the media.

JOUR 4840 TV Newscast

CREDIT HOURS 3.0

PREREQUISITES JOUR 3900 with a C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Reporting, writing, and producing stories appropriate for a newscast on a TV station or a local cable TV channel.

JOUR 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

JOUR 4880 Honors Thesis: Writing

CREDIT HOURS 3.0 - 6.0

PREREQUISITES JOUR 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

JOUR 4900 Selected Topics

CREDIT HOURS 1.0 - 4.0

PREREQUISITES JOUR 3060 with a grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. May be repeated if topics vary. A maximum of eight credit hours may be applied to the major.

JOUR 4905 Special Topics

CREDIT HOURS 1.0 - 4.0

PREREQUISITES JOUR 3900 with a grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. May be repeated if topic varies. A maximum of four credits can be applied to the major.

JOUR 4980 Internship

CREDIT HOURS 1.0 - 6.0

PREREQUISITES Eligibility criteria may be obtained from the Department of Communication Internship Coordinator

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Representative experiences in print and broadcast journalism or in public relations. This course may include a Signature Experience component.

JOUR 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

JOUR 4999 Directed Readings

CREDIT HOURS 1.0 - 4.0

PREREQUISITES Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION

KH 1010 Beginning Leisure Life Skills

CREDIT HOURS 2.0

DESCRIPTION This course is designed to provide students a beginning level competency in individual or recreational sports and dance. This course is nonacademic and is not used in grade-point average computation even though a grade is assigned for the course. (Repeatable).

KH 1017 Tennis

CREDIT HOURS 1.0

DESCRIPTION This course is designed for the beginning tennis player. The goal is to help the beginner develop. the basic skills of serving, receiving, forehand, backhand, and volley.

KH 1061 Fitness Walking

CREDIT HOURS 1.0

DESCRIPTION This course is designed to give the student a practical understanding of cardiovascular fitness produced by walking. Experiences are provided to help the student understand the benefits, organization, implementation, and evaluation of a balanced aerobic fitness program utilizing walking as the primary activity.

KH 1069 Aerobic Fitness

CREDIT HOURS 1.0

DESCRIPTION This course is designed to determine a student's level of fitness and to improve flexibility, muscular strength, endurance, and cardiovascular and respiratory endurance. Also covered are the importance of diet and nutrition and their relationships to total wellness.

KH 1070 Yoga/Pilates

CREDIT HOURS 1.0

DESCRIPTION This course is designed to improve muscular strength, endurance, flexibility, posture, balance, and relaxation techniques. Students will gain a beginner understanding of yoga postures, benefits associated with yoga, and mediation.

KH 2006 Advanced First Aid and Emergency Care

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION CPR certification is contingent upon a grade of "B" or higher and attendance record. Students develop a working knowledge of first aid methods and techniques and accident prevention.

KH 2022 Personal Health and Wellness

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Introduces students to contemporary health topics and issues. Students examine health risk and protective factors which influence the individual's achievement of optimal health across the life span.

KH 2101 Personal Trainer I

CREDIT HOURS 3.0

DESCRIPTION This is the first of a two-course sequence in personal training. In this course students will obtain detailed knowledge of the essentials of exercise science in order to design appropriate, effective, and safe long-term exercise programs. Also, this course is designed to give students the knowledge and understanding necessary to prepare for the ACE Personal Trainer Certification Exam and to become effective personal trainers.

KH 2102 Personal Trainer II

CREDIT HOURS 3.0

PREREQUISITES KH 2101 with a 'C' or better

DESCRIPTION This is the second of a two-course sequence in personal training. The course is designed to give students the knowledge and understanding necessary to prepare for the ACE Personal Trainer Certification Exam and become effective personal trainers. This course presents the ACE Integrated Fitness Training(TM) (ACE IFT(TM)) Model as a comprehensive system for designing individualized programs based on each client's unique health, fitness, and goals. The information covered by this course and the ACE IFT Model will help students learn how to facilitate rapport, adherence, self-efficacy and behavior change in clients, as well as design programs that help clients to improve posture, movement, flexibility, balance, core function, cardiorespiratory fitness, and muscular endurance and strength.

KH 2105 Fundamentals of Health Coaching

CREDIT HOURS 3.0

DESCRIPTION This course is designed to provide theoretical knowledge and practical skills in preparation for a national certification exam in health coaching. Topics include effective coach-to-client communication techniques; behavioral, nutritional and physiological sciences (particularly as they relate to the obese client); screening and assessment; guidelines for designing and implementing safe, effective, and purposeful exercise programs; and the legal, professional, and roles of the health coach. This course is appropriate for GPC students seeking careers in kinesiology, fitness, or allied health fields.

KH 2122 Applied Health and Wellness

CREDIT HOURS 3.0

DESCRIPTION At the completion of this course, the student is able to integrate health content areas into health education models; create a scope and sequence determined by results of learners survey and based on national and state standards; write appropriate, age specific health instructional plans which incorporate a rationale statement and the components of a health plan; and demonstrate effective classroom management and individual/small group instructional skills assessed by peers/instructor.

KH 2130 Introduction to Kinesiology and Health

CREDIT HOURS 3.0

DESCRIPTION This course is an introduction to the broad range of professions that include teaching of the knowledge, skills, and dispositions needed to increase physical activity for people of all ages and abilities in a variety of settings (schools, community agencies, homes, parks, business, exercise/fitness facilities etc.). Areas addressed in the course include, but are not limited to: basic concepts, policies, programs, professional organizations, current issues, and advocacy for promoting active, healthy lifestyles.

KH 2150 Healthy Lifestyle Choices

CREDIT HOURS 3.0

DESCRIPTION The 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 2210 Sociology of Sport

CREDIT HOURS 3.0

DESCRIPTION Students develop knowledge and skills pertaining to componentsof health-related fitness such as cardiorespiratory endurance, muscular strength and endurance, and flexibility. Emphasis is placed on fostering an understanding of the health and fitness benefits through participation in physical activities. Other areas of exploration involve fitness and its relationship to the adsence of chronic disease, active lifestyles, healthy eatting patterns and managed stress techniques.

KH 2211 Movement Sciences for Practitioners

CREDIT HOURS 3.0

DESCRIPTION Students will learn foundational sciences underlying human movement and examine the systems, factors and principles involved in human development. Relevant fields of study of kinesiology include anatomy, physiology, and biomechanics. Concepts will be applied to practitioners in the areas of physical education teaching and physical activity specialists in diverse settings with individuals across the lifespan.

KH 2220 Anatomy in Kinesiology and Health

CREDIT HOURS 3.0

REQUIREMENTS KH 2220 may only be attempted once for students applying to the B.S. Exercise Science program. A minimum grade of "C" is required for this course

DESCRIPTION The performance (sport, dance, daily living skills) applications and functions of musculoskeletal anatomy in the human being are studied.

KH 2221 Anatomy in Kinesiology and Health Laboratory

CREDIT HOURS 1.0

REQUIREMENTS KH 2221 may only be attempted once for students applying to the B.S. Exercise Science program. A minimum grade of "C" is required for this course

DESCRIPTION This course is taken in conjunction with KH 2220 Anatomy in Kinesiology and Health. Application of topics discussed in lecture will be learned. Students should expect a demanding daily homework load as well as projects, quizzes, tests, and laboratory write-ups. A high level of understanding in problem solving and in scientific methods is necessary for success in this course.

KH 2230 Physiology in Kinesiology and Health

CREDIT HOURS 3.0

REQUIREMENTS KH 2230 may only be attempted once for students applying to the B.S. Exercise Science program. A minimum grade of "C" is required for this course

DESCRIPTION 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 2231 Physiology in Kinesiology and Health Laboratory

CREDIT HOURS 1.0

REQUIREMENTS KH 2231 may only be attempted once for students applying to the B.S. Exercise Science program. A minimum grade of "C" is required for this course

DESCRIPTION This course is taken in conjunction with KH 2230 Physiology in Kinesiology and Health. Focuses on alterations in body systems and organs during physical activity with emphasis on musculoskeletal, metabolic, cardiorespiratory, and body composition parameters. Laboratory experiences employing physiological principles during active participation in exercise are also included.

KH 2360 Childhood Health and Wellness

CREDIT HOURS 3.0

DESCRIPTION This course introduces theory, practices, and requirements for establishing and maintaining a safe, healthy learning environment. The course provides training in Infant/Child CPR and first aid along with an overview of chronic and acute health issues; emergency procedures; safety issues; transportation guidelines; detecting and reporting child abuse and neglect; and nutritional and feeding needs of children.

KH 2400 Introduction to Sport Management

CREDIT HOURS 3.0

DESCRIPTION The course is designed to provide students with an overview of the sport management discipline.

KH 2520 Principles of Physical Activity and Fitness

CREDIT HOURS 3.0

REQUIREMENTS KH 2520 may only be attempted once. A minimum grade of "C" is required for this course

DESCRIPTION Students develop knowledge and skills in lifetime fitness activites such as aerobic, jogging, walking, weight training, skeletal muscle development, and general conditioning. Emphasis is placed on developing an understanding of the health and fitness benefits provided through participation in these activities.

KH 3010 Skill Themes and Movement Concepts

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Students will develop knowledge and skills to plan, implement, and assess health-related physical activities, skill themes, and fundamental movement skills in a P-5 physical activity settings. Emphasis will be placed on the ability to teach a progression of tasks within a single lesson as well as within a unit plan and to instruct, analyze, and assess movement skills.

KH 3020 Fitness and Physical Activity

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION This course introduces the foundations and components of health-related fitness and physical activity, developmentally appropriate health-related fitness content, and the assessment of health-related fitness.

KH 3030 Invasion Games

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION This course introduces the rules, playing concepts, and game strategies of invasion games (e.g. team handball, ultimate Frisbee, speedball, and lacrosse). An emphasis will be placed on teaching methodology, skill development, and learning sequences.

KH 3040 Net/Wall Games

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION This course introduces the rules, playing concepts, and game strategies of net/wall games (e.g. tennis, badminton, volleyball, pickle-ball). An emphasis will be placed on teaching methodology, skill development, and learning sequences.

KH 3050 Urban Outdoor Physical Activities

CREDIT HOURS 2.0

REQUIREMENTS A minimum grade of "C+" is required for this course

DESCRIPTION This course introduces students to outdoor physical activities that can be pursued in urban environments. Students will become acquainted with the skills and knowledge to instruct physical activity in the Atlanta metro area, such as parks, hiking trails, bicycle trails, skateboarding/rollerblading facilities, and the Atlanta Beltline. Students will learn applicable municipal codes, applicable regulations, and safe participation regarding these physical activity settings.

KH 3060 Performance and Analysis in Disability Sport

CREDIT HOURS 3.0

DESCRIPTION Students will participate first hand in games and activities derived from the field of disability sport. Specifically, students will learn the fundamental skills, rules, and strategies necessary to play, coach, and develop programs for individuals with disabilities in some of the following sports: wheelchair basketball, wheelchair tennis, wheelchair rugby, goalball, and bocce.

KH 3070 Target and Field Games

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of C is required for this course

DESCRIPTION This course introduces the rules, playing concepts, and game strategies of target and field games (e.g. softball, bowling, golf, archery). An emphasis will be placed on teaching methodology, skill development, and learning sequences.

KH 3080 Dance and Gymnastics

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of C is required for this course

DESCRIPTION This course introduces prospective physical education teachers and physical activity specialists to a variety of dance forms that individuals can participate in over their lifespan. Students will also learn progressions for teaching gymnastics. An emphasis will be placed on teaching methodology, skill development, and learning sequences.

KH 3200 Instructional Skills for Physical Education and Physical Activity Professionals

CREDIT HOURS 3.0 - 4.0

PREREQUISITES Permission of the HPE faculty; KH 3010 with a grade of "C" or higher

REQUIREMENTS A minimum grade of "C+" is required for the Teaching certification concentration

DESCRIPTION Introduces effective instructional management, instruction skills, and instructional models for physical education and physical activity. Field experiences are included.

KH 3360 Disability, Sport, and Physical Activity

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Students examine the structure, function, and outcome of the disability sport movement in the United States and internationally, considering its impact on opportunities, current trends, behaviors, and attitudes towards persons with a disability. Students experience opportunities to work directly with athletes with disabilities and learn firsthand how to play selected disability sports.

KH 3375 Injury Prevention and First Aid

CREDIT HOURS 2.0

PREREQUISITES KH 2211

DESCRIPTION This course will prepare physical education teachers, coaches and/or physical activity specialists to work with administrative and medical staff (i.e. athletic directors, allied health professionals) to prevent and manage injures that can occur during physical activity.

KH 3410 Assessment in Health and Physical Education

CREDIT HOURS 3.0

PREREQUISITES KH 3010 with a grade of C or higher

REQUIREMENTS A minimum grade of "C+" is required for this course

DESCRIPTION Traditional and authentic assessment methods currently in use in health, physical education, and adapted physical education settings are studied, including the organization, administration, and interpretation of those assessments. Students also examine various standards and learn how to develop assessments for them.

KH 3420 Curriculum in Health and Physical Education

CREDIT HOURS 3.0

PREREQUISITES KH 3010 with a grade of C or higher

REQUIREMENTS A minimum grade of C+ is required for this course

DESCRIPTION Students examine contemporary curriculum models, theory, and standards for adapted, elementary, and secondary physical education, and for health education. Students learn how to develop a curriculum for a K-12 program. This course has been identified as a "Critical Thinking Through Writing (CTW)" course by the Department of Kinesiology and Health (KH).

KH 3460 Sport and Society

CREDIT HOURS 3.0

DESCRIPTION The course provides students with an overview of the social issues related to and within the sports industry. The students will use the sociological sport research to read critically, write clearly, think analytically, and speak effectively about the topics such as sport and deviance, race, gender, social class, media, sexuality, disability, and religion.

KH 3500 Introduction to Activity and Disease Related Injuries

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Students obtain an overview of physical injuries likely to occur in a physically active population. The information provided will include description of injuries, their causes, and long-term outcomes that may affect health and physical ability.

KH 3520 Strength Training and Conditioning

CREDIT HOURS 4.0

PREREQUISITES KH 2220, KH 2230, or equivalent with a grade of "C" or better

DESCRIPTION This course is intended to cover the essentials of strength training and conditioning to prepare a student who is interested in becoming a Certified Strength and Conditioning Specialist.

KH 3550 Statistics and Evaluation in Exercise Science

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION This course covers basic principles of gathering, summarizing, analyzing, interpreting and presenting data. It also covers the concepts of probability and statistical inference, including descriptive statistics, probability, sampling distributions, hypothesis testing and regression.

KH 3600 Biomechanics

CREDIT HOURS 3.0

PREREQUISITES Restricted to students admitted to the B.S. Exercise Science program; KH 2220 with a grade of "C" or higher and MATH 1111, or MATH 1112 or MATH 1113 with a grade of "C" or higher

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION The principles which influence human motion are examined. Emphasis is placed on developing the ability to analyze human motion with the goal of optimizing human movement performance.

KH 3610 Motor Learning and Development

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Students gain knowledge of motor learning and development principles. Topics include the processes of skilled motor performance and motor skill acquisition, human motor development from childhood through older adulthood, the influence of perceptual, cognitive, physiological, and social development on motor development. Emphasis is on the practical application of concepts to the teaching of motor skills.

KH 3630 Principles and Philosophy of Coaching

CREDIT HOURS 3.0

DESCRIPTION This course will provide students with the foundation to become successful sport coaches. Through activities, videos, and discussions, students will develop a coaching philosophy, learn strategies to motivate athletes, teach techniques and tactics, develop training programs, plan for a season and individual workouts, and manage a team and relationships with all of the people with whom you work as a coach. This course is a component of the National Federation of State High School Association Coaches Education Program. Completion of the ASEP national coaching certification exam is a course requirement.

KH 3635 Special Considerations for Coaching Athletes with Disabilities

CREDIT HOURS 3.0

DESCRIPTION This course will introduce students to the functional abilities of persons with a disability and the implications of impairment for coaching athletes with disabilities. Students will learn about reasonable accommodations in equipment, training, communication or rules to enable sport participation of athletes with disabilities. An understanding of classification also will facilitate coaching and athlete performance.

KH 3650 Physiology of Exercise-CTW

CREDIT HOURS 4.0

PREREQUISITES Restricted to students admitted to the B.S. Exercise Science program; KH 2230 with a grade of "C" or higher or consent of instructor

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Focuses on alterations in body systems and organs during physical activity with emphasis on metabolic, cardio respiratory, and body composition parameters. Laboratory experiences employing physiological principles during active participation in exercise are also included. This is a "Critical Thinking Through Writing" (CTW) course.

KH 3680 International Experience in Sport and Exercise Science

CREDIT HOURS 3.0

DESCRIPTION This course is designed for undergraduate students to gain an international perspective on sport and exercise science. Students will learn to apply knowledge in sport and exercise science and gain field experience through a study-abroad program. Topics will include principles in sports biomechanics, materials in sports equipment, and research methods in exercise science. Global Perspectives Course. This course may include a Signature Experience component.

KH 3700 Sexuality Education for P-12-CTW

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "C+" is required for this course

DESCRIPTION With permission from the course instructor, students outside of the KH Department and outside of the College of Education can select this course as an elective. This course has been identified as a "Critical Thinking Through Writing (CTW)" course by the Department of Kinesiology and Health (KH). CTW assignments compose 45% of course assignments and include a structured academic controversy and two reflections. Students participate in class discussion, skill training, and skill applications which incorporate current national and state standards for school-based sexuality education. Particular emphasis is given to reaching special needs students. Class discussions and skill training include interactions with practicing teachers, parents, adolescents, content experts, and representatives of related community organizations. Skill application includes target group surveys; an in-class structured academic controversy, personal reflections, and a cognitive exam.

KH 3710 Health Risk Behaviors-CTW

CREDIT HOURS 3.0

REQUIREMENTS A grade of C+ or higher is required for this course

DESCRIPTION This course will introduce students to the health content areas and health education teaching models relevant to understanding current health risk behaviors. Students will learn to develop and implement health related content in school, recreation, health and wellness settings and will gain experience with individual/small group instruction. Critical Thinking Through Writing Course (CTW).

KH 3760 Special Topics in Kinesiology and Health

CREDIT HOURS 3.0

DESCRIPTION This elective course enables the program to address the very latest issues in kinesiology and health.

KH 3820 Research Methods in Kinesiology

CREDIT HOURS 3.0

PREREQUISITES KH 3550

DESCRIPTION Students in this course will develop knowledge of and practical skills in research methods and designs. They will study the different aspects of research and develop aspects of research designs.

KH 4200 Analysis of Sport Coaching

CREDIT HOURS 3.0

DESCRIPTION This course will introduce students to the professional role that sport coaches play in todayâ⊠⊠s society. Students will learn best practices in long-term coach development as well as the nature of coaching expertise and various models of successful coaching. Current research and suggestions for new paths of study will be discussed.

KH 4210 Long Term Athlete Development

CREDIT HOURS 3.0

DESCRIPTION This course will introduce students to the Canadian Sport For Life (CS4L) Long-Term Athlete Development (LTAD) Model. Through readings, activities, projects and class discussions students will develop an applicable understanding of the seven foundational stages of the LTAD model as well as the two disability specific stages that guide the training, competition and recovery experience of an individual's experience in physical activity and sport from infancy through adulthood.

KH 4280 Psychology of Physical Activity

CREDIT HOURS 3.0

PREREQUISITES Restricted to students admitted to the B.S. Exercise Science program; Completed KH 3650 with a grade of "C" or higher

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION The psychological principles underlying the teaching and performance of sport and physical activity are analyzed.

KH 4290 Cardiopulmonary Physiology

CREDIT HOURS 3.0

PREREQUISITES Restricted to students admitted to the B.S. Exercise Science program; Completed KH 3650 with a grade of "C" or higher

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Students study in detail the anatomy and physiology of the cardiovascular and pulmonary systems. Students also examine possible complications within these systems and related pharmacology.

KH 4300 Neuromuscular Physiology and Plasticity

CREDIT HOURS 3.0

PREREQUISITES Restricted to students admitted to the B.S. Exercise Science program; Completed KH 3650 with a grade of "C" or higher

DESCRIPTION This course is a detailed study of the structure and function of the neuromuscular and skeletal systems. In addition, students learn the physiology of movement and fatigue, and neuromuscular adaptations to strength and endurance training, disuse, injury, and aging. Finally, students learn the etiology and functional consequence of numerous neuromuscular diseases, e.g. muscular dystrophy, central core disease, malignant hyperthermia, myasthenia gravis, multiple sclerosis, and amyotrophic lateral sclerosis.

KH 4320 Sport Marketing

CREDIT HOURS 3.0

PREREQUISITES KH 2400

DESCRIPTION The purpose of the course is to introduce an overview of sport marketing and its related theoretical concepts and foundational principles.

KH 4330 Sport Leadership

CREDIT HOURS 3.0

PREREQUISITES KH 2400

DESCRIPTION The course is designed to provide students with an overview leadership in sport, as developed and applied through a managerial and human resources context within the sport industry.

KH 4340 Sport Finance

CREDIT HOURS 3.0

PREREQUISITES KH 2400, ECON 2106, and ACCT 2101

DESCRIPTION This class will equip aspiring sport managers with the skills to enhance their financial decision making in a management role, applying concepts to the continually evolving landscape of the sports industry.

KH 4350 Fitness Program Management-CTW

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Discusses principles of fitness and health promotion program operation including cost/benefit and cost/effectiveness, program objectives, content, promotion and implementation, financial and personnel management, and facility planning and design. This is a "Critical Thinking Through Writing" (CTW) course.

KH 4360 Clinical Exercise Physiology

CREDIT HOURS 4.0

PREREQUISITES Restricted to students admitted to the B.S. Exercise Science program; Completed KH 3650 with a grade of "C" or higher

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION This course is a detailed study of physical activity for the exercise specialist, technologist, or technician who is responsible for the safe administration of graded exercise tests and the development of an exercise prescription for apparently healthy human subjects, patients with controlled disease, and patients with known disease including cardiovascular disease, pulmonary disease, diabetes, obesity, and other chronic illnesses.

KH 4370 Sport Law

CREDIT HOURS 3.0

PREREQUISITES KH 2400

DESCRIPTION This course examines various areas of law and their application to recreational, collegiate and professional sports. It will emphasize the legal problems and issues faced by professionals in the sport industry today.

KH 4380 Obesity and Related Complications

CREDIT HOURS 3.0

PREREQUISITES KH 2220, KH 2230, or consent of instructor

DESCRIPTION Students in this course will develop in-depth knowledge of standardized body composition assessments, obesity and related chronic diseases, including diabetes, inflammatory diseases, hypertension, energy balance, lipid and lipoprotein profiles and healthy lifestyle choices for disease management. (KH 4380 may be cross-listed with KH 8385).

KH 4390 ECG and Exercise Stress Testing

CREDIT HOURS 3.0

PREREQUISITES KH 3650 or consent of instructor

DESCRIPTION Students learn the scientific aspects of electrocardiography including the reading, recognition, and interpretation of ECG's. The principles and guidelines for administration of exercise stress testing are also covered.

KH 4400 Environmental Exercise Physiology

CREDIT HOURS 3.0

PREREQUISITES KH 3650, KH 4290, KH 4300 with a grade of C or higher

DESCRIPTION This class will focus on the effect of environmental extremes on physiological responses. Students will learn how heat, cold, and altitude affect performance and survival. Students will learn how the environment can affect oxygen uptake and how acclimation to different environmental conditions may improve performance and oxygen uptake. Students will also learn how different physiological systems, including the cardiovascular, respiratory, and nervous systems, respond to different environmental extremes.

KH 4510 Contemporary Instructional Models for Pre-K and Elementary Physical Education

CREDIT HOURS 3.0

PREREQUISITES Permission of the HPE faculty

COREQUISITES KH 4520, KH 4530, and KH 4540

REQUIREMENTS A minimum grade of "C+" is required for this course

DESCRIPTION Acquisition and practice of contemporary instructional models for preschool and elementary physical education are studied. Includes peer and field-based teaching experiences.

KH 4520 Contemporary Instructional Models for Secondary Physical Education

CREDIT HOURS 3.0

PREREQUISITES Permission of the HPE faculty

COREQUISITES KH 4510, KH 4530, and KH 4540

REQUIREMENTS A minimum grade of "C+" is required for this course

DESCRIPTION Acquisition and practice of contemporary instructional models for secondary physical education are discussed. Includes peer and field-based practice teaching experiences.

KH 4530 Contemporary Instructional Models for Health Education

CREDIT HOURS 3.0 - 4.0

PREREQUISITES Permission of the HPE faculty

COREQUISITES KH 4510, KH 4520, and KH 4540

REQUIREMENTS A minimum grade of "C+" is required for this course

DESCRIPTION Focuses on acquisition and practice of contemporary comprehensive school health education instructional strategies. Includes field-based practice teaching experiences, peer coaching during lesson plan development, and peer critiquing of field-based teaching videos.

KH 4540 Contemporary Instructional Models for Adapted Physical Education

CREDIT HOURS 3.0

PREREQUISITES Permission of the HPE faculty

COREQUISITES KH 4510, KH 4520, and KH 4530

REQUIREMENTS A minimum grade of "C+" is required for this course

DESCRIPTION Acquisition and practice of contemporary instructional models for adapted physical education are studied. Includes peer and field-based practice teaching experiences.

KH 4600 Advanced Biomechanics for Exercise Science

CREDIT HOURS 3.0

PREREQUISITES Restricted to students admitted to the B.S. Exercise Science program; Completed KH 3600 with a grade of "C" or higher

DESCRIPTION The primary goal of this course is to integrate advanced concepts and relevant scientific information to provide for understanding of biomechanics as it relates to exercise, physical training, and rehabilitation. Within the framework of exercise science, this course provides the student with knowledge that will allow for the assessment of human motion for the purposes of identifying critical factors of performance and injury including persons with a disability.

KH 4630 Fitness Assessment and Exercise Prescription

CREDIT HOURS 4.0

PREREQUISITES Restricted to students admitted to the B.S. Exercise Science program; Completed KH 2520 with a grade of "C" or higher; Completed KH 3650 with a grade of "C" or higher

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Students study the process and procedures of physical fitness evaluation and prescription. Emphasis is placed on the design of individual and group exercise programs.

KH 4640 Principles and Practice of Program Design

CREDIT HOURS 3.0

PREREQUISITES Completed KH 3650 with a grade of "C" or higher

DESCRIPTION This course is designed to develop the practical skills necessary to design effective training programs for the purpose of enhancing human performance in a variety of populations. Students will gain an in-depth knowledge of program design theories and modalities, as well as how to appropriately manipulate and progress programs to maximize efficiency.

KH 4650 Opening School Experience

CREDIT HOURS 0.0

PREREQUISITES Permission of instructor

REQUIREMENTS Course is graded as satisfactory/unsatisfactory. A minimum grade of "S" is required for this experience

DESCRIPTION Student teachers complete a 10-day internship in one of the placement schools during the clinical teacher's pre-planning and first week of instruction. This course may include a Signature Experience component.

KH 4670 Field Experience in Sport Management-CTW

CREDIT HOURS 3.0

PREREQUISITES KH 2400

DESCRIPTION This course is intended to provide students with the opportunity to gain practical field experience within the sport industry. This course may include a Signature Experience component. Critical Thinking Through Writing Course (CTW).

KH 4680 Sport, Physical Activity, Health, and Wellness Pre-Internship

CREDIT HOURS 3.0

DESCRIPTION This course is designed to provide instructional experiences to the Sport, Physical activity, Health, and Wellness concentration majors. The pre-internship will be designed to provide guided field-based instruction opportunities and will serve as a preparation course prior to the formal internship. This course may include a Signature Experience component.

KH 4710 Student Teaching in Health and Physical Education, P-5

CREDIT HOURS 4.0 - 6.0

PREREQUISITES Permission of HPE faculty; Completion of KH 3410, KH 3420, KH 3700, KH 4510, KH 4520, KH 4530, KH 4540 with a grade of C+ or higher; first aid/CPR proficiency; and current proof of tort liability protection

REQUIREMENTS A minimum grade of "B" is required for recommendation for certification

DESCRIPTION Students observe, assist in, and instruct public school P-5 classes in health and physical education under the direct supervision of a clinical teacher. Includes seminars scheduled by the instructor. This course may include a Signature Experience component.

KH 4720 Student Teaching in Health and Physical Education, 6-12

CREDIT HOURS 4.0 - 6.0

PREREQUISITES Permission of HPE faculty; Completion of KH 3410, KH 3420, KH 3700, KH 4510, KH 4520, KH 4530, KH 4540 with a grade of C+ or higher; first aid/CPR proficiency; and current proof of tort liability protection

REQUIREMENTS A minimum grade of "B" is required for recommendation for certification

DESCRIPTION Students observe, assist in, and instruct public school 6-12 classes in health and physical education under the direct supervision of a clinical teacher. Includes seminars scheduled by the instructor. This course may include a Signature Experience component.

KH 4730 Physical Activity Internship I

CREDIT HOURS 4.0 - 5.0

PREREQUISITES Permission of HPE faculty; Completion of KH 4680 with a grade of C+ or higher

REQUIREMENTS A minimum grade of B is required for this course

DESCRIPTION Students receive practical experiences in planning, organizing, assessing, and implementing sport, physical activity, health and wellness programs in various settings under the direct supervision of a clinician. This course may include a Signature Experience component.

KH 4740 Physical Activity Internship II

CREDIT HOURS 4.0 - 5.0

PREREQUISITES Permission of HPE faculty; Completion of KH 4680 with a grade of C+ or higher

REQUIREMENTS A minimum grade of B is required for this course

DESCRIPTION Students receive practical experiences in planning, organizing, assessing, and implementing sport, physical activity, health and wellness programs in various settings under the direct supervision of a clinician. This course may include a Signature Experience component.

KH 4750 Practicum in Exercise Science

CREDIT HOURS 1.0

PREREQUISITES completion of all course work and permission of instructor

DESCRIPTION Students must pass a standardized exit exam to complete this requirement. Course is graded as satisfactory/unsatisfactory. A minimum grade of "S" is required. This course may include a Signature Experience component.

KH 4760 Internship in Exercise Science

CREDIT HOURS 5.0

PREREQUISITES completion of all course work and permission of instructor

REQUIREMENTS Course is graded as satisfactory/unsatisfactory. A minimum grade of "S" is required for this course

DESCRIPTION Students receive practical experiences in planning, organizing, assessing, and implementing exercise science programs in various settings. Internship may extend beyond one term. This would require that students complete 375 hours of internship activities. This course may include a Signature Experience component.

KH 4800 Research Fellowship in Exercise Science

CREDIT HOURS 1.0 - 5.0

PREREQUISITES completion of all course work and permission of instructor

REQUIREMENTS Course is graded as satisfactory/unsatisfactory. A minimum grade of "S" is required for this course

DESCRIPTION Students receive training in research methods applicable to a research plan, analyze data and create written and oral presentations of the results. At the end of the course, students may take part in a formal research symposium. This would require that students complete 375 hours of research activities. Students are required to successfully complete a minimum of 5 credit hours that may extend beyond one semester. This course may include a Signature Experience component. (Repeatable).

KH 4810 Directed Readings and Research in Kinesiology and Health

CREDIT HOURS 1.0 - 3.0

PREREQUISITES permission of instructor

REQUIREMENTS Directed reading is graded as satisfactory/unsatisfactory. A minimum grade of "S" is required for this course

DESCRIPTION Focuses on individual reading on special topics in health, physical education, recreation, or exercise science. Research may go beyond one term. This course may include a Signature Experience component. (Repeatable).

KORE KOREAN

KORE 1001 Elementary Korean I

CREDIT HOURS 3.0

DESCRIPTION Development of basic communication skills in modern spoken Korean. Introduction to the system of writing, the reading of simple texts, and basic grammatical structures. Introduction to Korean culture. Not open to native speakers of Korean.

KORE 1002 Elementary Korean II

CREDIT HOURS 3.0

PREREQUISITES KORE 1001 with grade of C or higher, or placement into 1002

DESCRIPTION Development of basic communication skills in modern spoken Korean. Introduction to the system of writing, the reading of simple texts, and basic grammatical structures. Introduction to Korean culture. Not open to native speakers of Korean.

KORE 2001 Intermediate Korean I

CREDIT HOURS 3.0

PREREQUISITES KORE 1002 with grade of C or higher, or placement into 2001

DESCRIPTION Continuing development of communicative skills in Korean. Further work with the writing system; reading of simple texts; and intermediate grammatical structures. Korean culture presented.

KORE 2002 Intermediate Korean II

CREDIT HOURS 3.0

PREREQUISITES KORE 2001 with grade of C or higher, or placement into 2002

DESCRIPTION Continuing development of communicative skills in Korean. Further work with the writing system; reading of simple texts; and intermediate grammatical structures. Korean culture presented.

KORE 3001 Advanced Korean I

CREDIT HOURS 3.0

PREREQUISITES KORE 2002 with a grade of C or higher, or permission from Korean program coordinator

DESCRIPTION This course is designed to enable learners to achieve advanced levels of speaking, listening, reading, writing, and grammar skills in Korean.

KORE 3002 Advanced Korean II

CREDIT HOURS 3.0

PREREQUISITES KORE 3001 with a grade of C or higher, or permission from the Korean program coordinator

DESCRIPTION As a continuation of KORE 3001, this course enables learners to achieve the advanced level of speaking, listening, reading, writing and grammar skills in Korean. In particular, this course places an emphasis on developing reading and writing skills.

KORE 3011 Korean Proficiency Through Korean Television Drama

CREDIT HOURS 3.0

PREREQUISITES KORE 3001 with a C or higher or permission of instructor

DESCRIPTION This hybrid online course is designed for those students who are trying to elevate their Korean language proficiency level to low advanced by challenging themselves to understand Korean TV drama. Through the contextually rich texts of the drama, and through frequent discussion and feedback sessions, this course will also offer an opportunity to increase students' awareness about Korean culture as a crucial element in advancing their proficiency.

KORE 4011 Korean for Professional Purposes

CREDIT HOURS 3.0

PREREQUISITES Korean 3002 with a C or higher or permission of instructor

DESCRIPTION This course is designed to develop and consolidate students' advanced level Korean proficiently by discussing a variety of topics related to Korean business world including marketing and business administration, and international trade. This class also aims to improve Korean language in various business situations. To achieve this goal, this course emphasizes 1) a repertoire of business terminology 2) formal language use and 3) business culture and etiquette.

KORE 4300 Korean Language, Culture and Society

CREDIT HOURS 3.0

DESCRIPTION This course introduces the critical role of language in Korean culture and society. It provides an overview of Korean language, culture, and society and their interrelatedness from evolutionary and dynamic perspectives. There is no prerequisite. Familiarity with Korean or the basics of linguistics will be helpful but not required. Course is taught in English.

KORE 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

EDLA LANGUAGE ARTS EDUCATION

EDLA 3200 Topics in Middle Grades Language Arts

CREDIT HOURS 3.0

DESCRIPTION Develops selected topics related to the texts used in middle grades language arts including contemporary children's literature, adolescent literature, nonfiction trade books, and multimedia programs. (Repeatable).

EDLA 3230 Special Topics in the Middle Level Literature Curriculum

CREDIT HOURS 3.0

DESCRIPTION Students explore the content and pedagogy related to selected literature topics in the middle school language arts curriculum. May be repeated for credit when topics change. (Repeatable).

EDLA 3240 Special Topics in the Middle Level Composition Curriculum

CREDIT HOURS 3.0

DESCRIPTION Students explore the content and pedagogy related to selected compositions topics in the middle school language arts curriculum. May be repeated for credit when topics change. (Repeatable).

EDLA 4400 Concepts and Methods in Language Arts for Middle Childhood Education

CREDIT HOURS 3.0

PREREQUISITES Students must complete all Area G.1 and Area G.2 courses

COREQUISITES EDCI 4650, EDCI 4600, EDRD 4600 and EDMT 4460, EDRD 4450, EDSC 4470, or EDSS 4480

REQUIREMENTS A minimum grade of "B" is required for this course

DESCRIPTION Provides the pedagogical content knowledge necessary for effective middle school instruction in language arts. Procedures for planning, implementing, and reflecting on language arts instruction are learned in a school setting.

LATN LATIN

LATN 1001 Elementary Latin I

CREDIT HOURS 3.0

DESCRIPTION Grammar, composition, and prose translation.

LATN 1002 Elementary Latin II

CREDIT HOURS 3.0

PREREQUISITES LATN 1001 with grade of C or higher, or equivalent

DESCRIPTION Grammar, composition, and prose translation.

LATN 2001 Intermediate Latin I

CREDIT HOURS 3.0

PREREQUISITES LATN 1002 with grade of C or higher, or equivalent

DESCRIPTION Completion of grammar; composition and reading from prose authors.

LATN 2002 Intermediate Latin I

CREDIT HOURS 3.0

PREREQUISITES LATN 2001 with grade of C or higher, or equivalent

DESCRIPTION Latin prose. Reading of selected works of Cicero and/or Livy.

LATN 3690 Honors Readings

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor.Discussion and readings on selected topics

DESCRIPTION

LATN 4001 Vergil's Aeneid

CREDIT HOURS 3.0

PREREQUISITES LATN 2002 with grade of C or higher, or equivalent

DESCRIPTION Reading and interpretation of passages from Books I-XII of the Aeneid.

LATN 4011 Roman Comedy

CREDIT HOURS 3.0

DESCRIPTION Roman comedy as exemplified in the plays of Plautus and Terence.

LATN 4035 Vergil's Early Poetry

CREDIT HOURS 3.0

DESCRIPTION Bucolics and Georgics: the pastoral in its relation to the Augustan Age.

LATN 4070 Seminar in Latin Prose and Poetry

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION Author and genre studies of Latin literature. May be repeated for credit when the topic varies.

LATN 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

LATN 4880 Honors Thesis: Writing

CREDIT HOURS 3.0 - 6.0

PREREQUISITES LATN 4870, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

LATN 4990 Independent Study – Special Topics for Majors

CREDIT HOURS 1.0 - 4.0

PREREQUISITES Completion of at least two 3000-level Latin courses with a grade of C or higher and consent of the instructor

DESCRIPTION For Classics majors with a grade point average of 3.0 or better in major courses and all course work. No more than four credit hours may be applied toward the major. Special topics readings and/or research to be determined in consultation with the instructor.

LATN 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

LT LEARNING TECHNOLOGIES

LT 2010 Computer Skills for the Information Age

CREDIT HOURS 3.0

DESCRIPTION Students learn how to use the computer as a tool for effective organization, analysis, and communication of data. Students develop competence in word processing, spreadsheets, databases, presentations, simple web page design, and the efficient use of internet sources.

LT 2012 Design and Development of Digital Multimedia

CREDIT HOURS 3.0

PREREQUISITES LT 2010 or equivalent

DESCRIPTION This course is designed to guide you through the basics of designing and developing digital multimedia. After completing the course, you should be able to: Make sound and informed decisions about the selection, design, and development of digital multimedia; demonstrate basic/intermediate digital multimedia authoring skills; demonstrate an entry-level proficiency in designing, developing, and maintaining a personal Web presence; work in a team doing rapid design of digital multimedia.

LT 2100 Information Technology Research and Application

CREDIT HOURS 3.0

PREREQUISITES LT 2010 or equivalent

DESCRIPTION The course gives students a thorough grounding in the application of information literacy (the ability to find and use information) to the modern world. Students learn how to access, evaluate, use, and disseminate information intellectually in an information-rich environment.

LT 2210 Integrating Technology Into the Elementary Classroom

CREDIT HOURS 3.0

DESCRIPTION This course focuses on the creation of a learning environment through the use of technology in the elementary classroom. It enables students to anchor the use of technology for the creation of a child-centered, safe and developmentally stimulating learning environment. The course introduces the pre-service teacher to resource-based teaching through the use of educational technology and its appropriate uses in the classroom. It focuses on developing research skills by designing, planning, and producing basic educational materials using technological hardware and software. The process of selecting and utilizing technological resources for pre-kindergarten through 5th grade classrooms are emphasized.

LT 3000 Technology, Society, and Education

CREDIT HOURS 3.0

PREREQUISITES LT 2010 or equivalent

DESCRIPTION This course will examine new and emerging technologies, how they have impacted education and society, and how they are likely to impact them in the future. The course will prepare students to think critically and creatively about the technologies shaping their studies today, and their lives to come. In addition, the course will explore a wide variety of current technologies.

LT 3100 Educational Technology in Africa and the Diaspora

CREDIT HOURS 3.0

DESCRIPTION This is a completely online course that explores trends and issues in educational technology in Africa and the Diaspora, and to help students help themselves on the road to becoming more efficient and more confident in educational technology. This course examines cultural, economic, political, and social structures and discourses as they relate to instructional design and technology in Africa and the Diaspora. Learning and instruction include lectures (facilitation) in-class and online discussions and activities, group activities, course readings, assignments and projects, and individual research, and reflections. Discussions of socio-cultural issues often evoke personal views. However, the purpose of the course is recognize/understand/appreciate the issues under discussion, and protocol is in place to ensure that everyone gets a fair opportunity to contribute. Global Perspectives Course.

LT 3210 Teaching, Learning, and Technology Integration

CREDIT HOURS 3.0

DESCRIPTION Introduces students to resource-based teaching through the use of educational technology and its appropriate uses in the classroom. Focuses on developing research skills by designing, planning, and producing basic educational materials using technological hardware and software. The processes of selecting and utilizing technological resources for the P-12 educational environment are emphasized.

LT 3500 Training and Performance Technologies

CREDIT HOURS 3.0

DESCRIPTION This course focuses on the design and development of training and performance technologies. It provides students with knowledge, skills, and abilities to design and develop training and performance solutions for adult learners based upon state of the art learning theories and technological advancements.

LT 3737 Inventing to Learn: Teaching and Learning with Maker Technologies

CREDIT HOURS 3.0

PREREQUISITES LT 2010, LT 2210, or LT 3210

DESCRIPTION This course prepares teachers to take advantage of Maker technologies to support student learning. Students will learn to use a variety of technologies, including 3D printers and microcontrollers, while also exploring various pedagogical strategies that leverage these technologies. (Cross-listed with LT 7777).

LT 4500 Gaming and Simulation for Exploratory Learning

CREDIT HOURS 3.0

DESCRIPTION This course uses hands-on and group project approaches to explore key ideas and theories associated with Game-Based Learning (GBL), selecting and evaluating appropriate games pertaining to certain education needs, and prototyping an educational game of your own design.

LGLS LEGAL STUDIES

LGLS 3020 Introduction to the Law

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6

DESCRIPTION This course is an introduction to the law, a multifaceted and broad discipline which affects and is affected by every aspect of our society. The course provides an overview of the legal system, sources of law, and legal analytical models. In addition, the course covers specific applications of law from the environment to business to personal relationships. Legal case analysis and legal research are components of the class.

LGLS 4020 Business Law for Entrepreneurs

CREDIT HOURS 3.0

DESCRIPTION

LGLS 4030 The Legal Process

CREDIT HOURS 3.0

PREREQUISITES BUSA 2106 or LGLS 3020 or consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CPS 1, 6

DESCRIPTION Students will study the legal process and the primary actors in that process: lawyers, judges, and clients. The course will utilize a variety of resources and learning techniques, including propular fiction and non-fiction books and movies as well as guest speakers and extensive class discussion. The course will be on particular benefit to current and future businesspeople who want to be better able to manage their businesses' inevitable encounters with the law and lawyers. This benefit will flow from students gaining a better understanding of the legal process, the role of the primary actors in the process, how they think and act, and why.

LGLS 4050 Legal Transactions and Risk

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6

DESCRIPTION This course examines legal transactions in the corporate environment (from the formation of contracts and sales agreements to the use of commercial paper, secured transactions, bankruptcy, and insurance) to create legal certainty, strategically manage corporate risk, and comply with the increased internal controls imposed by the Sarbanes-Oxley Act of 2002.

LGLS 4060 Internet Law

CREDIT HOURS 3.0

PREREQUISITES BUSA 2106 or LGLS 3020 (not both), or consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6,7

DESCRIPTION This course examines how the U.S. legal system is evolving to accomodate the Internet's impact on business practices, society and values. The course covers a wide range of Internet-related legal issues including technology and the law, court jurisdiction over Interent-related business activities, intellectual property, e-commerce, taxation of Internet sales, privacy in cyberspace, on-line defamation, information security, cyber-crimes, and government regulation of Internet services. Emphasis is placed on developing legal doctrines and their application to Internet-based business activities.

LGLS 4080 Legal Issues in International Business

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course addresses the business and legal issues of international trade and private commercial transactions and associated concerns. The course covers all types of international business transactions: import/export, distributorships, technology transfers, and foreign direct investment. The course also addresses the international regulation of trade and international dispute resolution. Students will learn practical strategies for negotiating international contracts, working with overseas agents and partners, protecting intellectual property rights, and managing cross-cultural, commercial, political, and other concerns in international transactions.

LGLS 4389 Directed Readings in Legal Studies

CREDIT HOURS 1.0 - 3.0

PREREQUISITES BUSA 2106, consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION

LGLS 4490 Real Estate Law

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course is designed to provide the business student with a background in the nature, sources, and basic principles of modern real estate law. Topics include real property law, sales transaction contracts, general agency law, deeds and titles, methods of transferring title to real estate, mortgages, liens, land use control, landlord/tenant relationships, and legal analysis through traditional and electronic databases.

MGS 3100 Business Analysis

CREDIT HOURS 3.0

PREREQUISITES ACCT 2101, and ACCT 2102, and ECON 2105, and ECON 2106, and CIS 2010, and BUSA 2106 and MATH 1111 or higher

COREQUISITES BUSA 3000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION This course provides a frame of reference for using models in support of decision making in an enterprise, then introduces some of the most commonly useful modeling approaches and principles. Topics covered include model components, simulation, optimization, time series and causal forecasting, decision analysis, Monte Carlo simulation, and quality management. The course emphasizes hands-on application of the techniques using commonly available software, and demonstrates the value of these approaches in a wide variety of functional settings.

MGS 3400 Managing People in Organizations

CREDIT HOURS 3.0

PREREQUISITES ACCT 2101, and ACCT 2102, and ECON 2105, and ECON 2106, and CIS 2010, and BUSA 2106

COREQUISITES BUSA 3000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6, 7

DESCRIPTION This course provides an overview of management in organizations. Students will be introduced to fundamental organizational concepts such as organizational systems, organization design and structure, and the decision-making process. In addition, students will be introduced to the study of human behavior in organizations. The organizational behavior topics emphasized include team building, communication, leadership, motivation, ethics and social responsibility. The focus of the course is to examine, from a managerial perspective, the effect of individual, group, and organizational variables on organizational performance.

MGS 4000 Managerial Decision Making

CREDIT HOURS 3.0

PREREQUISITES MATH 1070, and MGS 3100, and BCOM 3950

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course focuses on how managers, individually and in groups, make decisions. It covers the major descriptive and normative models of managerial problem diagnosis and alter- native generation. By comprehending how managers solve problems, students are prepared to build computer-based support tools. Cases and mini-examples are used to apply the concepts and methods to real-world problems.

MGS 4020 Introduction to Business Intelligence

CREDIT HOURS 3.0

PREREQUISITES MGS 3100

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 4, 6

DESCRIPTION This course focuses on the features, uses, and design strategies for IT-enabled managerial decision support. Model-based, and knowledge-based application for business intelligence and corporate decision-making are emphasized. Implementation issues in the context of emerging business environments are also addressed. Application areas include financial analysis, marketing research, and project management.

MGS 4110 Analysis of Business Data

CREDIT HOURS 3.0

PREREQUISITES MATH 1070 or consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6

DESCRIPTION The aim of this course is to provide the student with the background to run a statistical project from the data collection stage through analysis and interpretation of the results. The course is divided into three major parts. The first part of the course discusses data collection methods including the various common sampling designs and questionnaire development. In the second part, students are introduced to the high-level statistical package SAS to provide them with the power to perform data analysis. In the third part, the students will use the procedures from SAS to analyze and interpret the data.

MGS 4140 Business Modeling

CREDIT HOURS 3.0

PREREQUISITES MGS 3100

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 3, 6

DESCRIPTION This course covers the development, implementation, and utilization of business models for managerial decision-making. Various techniques for analytical modeling, such as forecasting, optimization, simulation, decision analysis, and classification, are discussed. Students gain mastery in developing complex financial models implemented in decision support systems that covers applications in stra- tegic, planning, financial management, operations/project management, and marketing research. These topics are cover- ed in the context of the emerging information technology architecture.

MGS 4300 Managing Human Resources

CREDIT HOURS 3.0

PREREQUISITES MGS 3400

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course provides a survey of the field of human resource management. Topics covered include strategic human resource management, recruitment, selection, legal basis of human resource management, performance evaluation, training and development, compensation, and labor relations.

MGS 4320 Legal Environment of Human Resource Management

CREDIT HOURS 3.0

PREREQUISITES MGS 4300 or consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course examines the legal environment that directly impacts the human resource functions of organizations. Federal, state, and local legislation and important court and administrative decisions are highlighted, especially recent developments, for their impact upon managerial decision making.

MGS 4360 Human Resource Selection

CREDIT HOURS 3.0

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION rerequisite: MGS 3400. This course focuses on the selection process in organizations. Topics covered include job analysis, measurement, equal employment opportunity laws, applications, interviews, psychological tests, and performance appraisal. Theory and research underlying selection principles are reviewed, and practical application is emphasized.

MGS 4385 Employee Benefit Plans (Same as RMI 4530)

CREDIT HOURS 3.0

PREREQUISITES MGS 3400

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6, 7

DESCRIPTION This course examines the characteristics and design of employee benefit plans, including group insurance, pensions, and profit sharing. These plans are evaluated in terms of their cost and effectiveness. Consideration is given to employee communications, taxation, collective bargaining, social insurance systems, and international benefit programs.

MGS 4389 Directed Reading in Managerial Science

CREDIT HOURS 1.0 - 3.0

PREREQUISITES MGS 3400 or consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION

MGS 4390 Compensation

CREDIT HOURS 3.0

PREREQUISITES MGS 3400

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION Compensation plans are designed and implemented to provide fair renumeration for services received. This course discusses the major environmental influences on compensation practices and shows how those influences as well as organizational and employee influences are translated into the development of equitable pay systems within organizations. The course also examines how the external environment affects the types of benefits employers choose to provide for their employees.

MGS 4410 Financial and Managerial Decisions in Emerging Markets: India

CREDIT HOURS 3.0

PREREQUISITES MGS 3100

DESCRIPTION This program provides an opportunity to examine the business climate in emerging markets together with field experience in India. Students will receive academic instruction both at Georgia State and in India. They will gain insight into doing business in India, especially financial and managerial issues, within the greater context of the emerging markets. Frameworks for entering a foreign market will be discussed, with emphasis on the cultural, administrative, geographic, and economic distances between countries. Students will gain familiarity with family businesses as well as multinationals operating within India. The in-country experience will allow students to observe and discuss first-hand how companies work within the structure of the Indian economy.

MGS 4420 Becoming a Leader

CREDIT HOURS 3.0

PREREQUISITES MGS 3400

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION Students critically evaluate the definition and meaning of leadership, developing their own interpretations and definitions of leadership after learning how others have interpreted and defined it. They also analyze their own leadership strengths and limitations and engage in activities to improve their leadership skills.

MGS 4430 Negotiation

CREDIT HOURS 3.0

PREREQUISITES MGS 3400 or consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6, 7

DESCRIPTION This course is designed to help students become better negotiators by understanding and practicing the negotiation strategies and tactics appropriate for different situations. The course focuses primarily on negotiation planning, distributive negotiation, and integrative negotiation. The course is a general treatment of negotiation that is useful to students from a broad range of majors.

MGS 4440 Working in Teams

CREDIT HOURS 3.0

PREREQUISITES MGS 3400

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course provides a structured approach to better understand how teamwork contributes to organizations, the conditions that make interactions between people and groups highly effective, and how to best put this effectiveness to work. Topics include work teams as a vehicle to improving organizational performance, designing a team-based organization, team organizational models, work team implementation issues, training and developing teams, team building programs, and leadership in a team-based organization.

MGS 4470 Organizational Communication

CREDIT HOURS 3.0

PREREQUISITES MGS 3400

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course provides an understanding of the importance of communication within organizations and knowledge of the nature of the communications process. It promotes the ability to analyze and deal with communications potentials and problems as part of the organizing process.

MGS 4500 Entrepreneurship and New Venture Management

CREDIT HOURS 3.0

PREREQUISITES MGS 3400, FI 3300, and MK 3010 OR BUSA3090E for non-business students

REQUIREMENTS Business students must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION Non-Business students must be in good standing with minimum of 45 Credit Hours. The purpose of this course is to provide a one semester overiew of entrepreneurship and entrepreneurial process. The course will acquaint the student with the traits and skills of successful entrepreneurs, provide the student with the knowledge to establish a new business venture, and present the unique management problems which face entrepreneurs in starting, financing and operating new ventures.

MGS 4550 Managing a Family Business

CREDIT HOURS 3.0

PREREQUISITES MGS 3400 OR BUSA3090E for non-business students

REQUIREMENTS Business students must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION Non-Business students must be in good standing with minimum of 45 Credit 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 Management

CREDIT HOURS 3.0

PREREQUISITES FI 3300, and MGS 3400, and MK 3010 OR BUSA3090E for non-business students

REQUIREMENTS Business students must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION Non-Business students must be in good standing with minimum of 45Credit Hours. Cross listed with ENI 4560. 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.

MGS 4590 Entrepreneurship Field Study

CREDIT HOURS 3.0

PREREQUISITES Consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION Entrepreneurship field study immerses students in the planning and execution of entrepreneurial activities in a small existing or start- up business. Activities involve new business formation, new product planning and introduction, organization direction setting and control, management of growth, or turnaround. While students are under the general supervision of the faculty, they are expected to display responsible independent action and to interact frequently with a business founder, owner, or chief executive. The course may be repeated once for credit. This course may include a Signature Experience component.

MGS 4610 Corporate Social Responsibility

CREDIT HOURS 3.0

PREREQUISITES MGS 3400

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course is centered upon the theory and application of Corporate Social Responsibility. The concept of the triple bottom line, i.e. planet, people and profits is examined for a variety of global corporations. These "three P's" re-enforce the notion of stakeholer issues taking precedence over shareholder concerns. We examine the interrelationships among business, government and society and develop a frame- work of corporate sustainability and opportunity balanced with corporate awareness and responsibility.

MGS 4700 Operations Management

CREDIT HOURS 3.0

PREREQUISITES MGS 3100, and MGS 3400

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1

DESCRIPTION This course provides an introduction to the concepts underlying production and operations management. Such topics as inventory control, supply chain management, quality control, work measurement, and production methods, are covered. The topics covered are integrated using a systems approach to the operations of an organization.

MGS 4710 Supply Chain Management

CREDIT HOURS 3.0

PREREQUISITES MGS 3100 and MGS 4700

DESCRIPTION Must meet RCB upper division course requirements and 45 semester hours. CSP 1. This course focuses on the basic concepts, issues, and techniques needed for efficient and effective supply chain and operations management, i.e., procurement, operations and network planning. Supply Chain management introduces high-level strategy and concepts while giving students the practical tools necessary to solve supply chain problems. Special emphasis is placed on process improvement and supply chain management. Topics include the link between supply chain and customer value; supply chain and corporate value creation; creating a responsive supply chain; managing the global pipeline; managing supply chain relationships; managing risk in the supply chain; and creating a sustainable supply chain.

MGS 4730 Project Management

CREDIT HOURS 3.0

PREREQUISITES MATH 1070, and MGS 3400

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1

DESCRIPTION This course addresses the structured process for managing projects. The emphasis in the course is on defining, planning, and controlling projects to successfully complete them within quality specifications, on schedule, and within budget. Project management software is used in the course. Other topics include project organization, roles of the project manager and team members, and project leadership.

MGS 4740 Operation Strategy

CREDIT HOURS 3.0

PREREQUISITES MGS 3100 and MGS 4700

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course addressed the development and implementation of production/operations strategy and the integration of this strategy with the corporate/business strategies and with those of other functional areas. Topics include planning and implementation of operations strategies, organizational design for operations, and productivity improvement.

MGS 4760 Total Quality Management

CREDIT HOURS 3.0

PREREQUISITES MGS 3100

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 3, 6

DESCRIPTION The course emphasizes the strategic importance of quality, the management of quality, problem-solving tools for quality assurance, and statistical process control methods. In addition, this course provides the business student with a set of skills for achieving and maintaining quality assurance and process or service control. Cases and problem solving exercises reinforce the basic concepts and principles of Quality Management.

MGS 4770 Service Operations Management

CREDIT HOURS 3.0

PREREQUISITES MGS 4700

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 3, 7

DESCRIPTION This course focuses on the analysis of service sector per- formance and methods designed to improve service operations from a competitiveness standpoint. The topics covered are cross-functional in nature including operations, marketing, human resource management, information technology and entre-preneurship and are presented as an integrated system approach to the service organization.

MGS 4860 Management Studies Abroad

CREDIT HOURS 3.0

PREREQUISITES MGS 3400, and consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION Emphasizing a collaborative rather that competitive learn- ing environment, this course examines the interrelatedness of economic, political, legal, social, and cultural factors on cross-cultural management issues. Concepts of human be- havior, motivation, strategy, and labor/management relations are linked to practice in different national settings. An extensive international on-site program is an integral part of this program. Interviews are conducted at a broad range of organizations and industries. Objectives include culti- vating a global mindset and developing a richer understand- ing of international business challenges relating to manage- ment. Company visits showcase evolving corporate profiles in the global marketplace. This course may include a Signature Experience component.

MK MARKETING

MK 3010 Marketing Management

CREDIT HOURS 3.0

PREREQUISITES ACCT 2101, and ACCT 2102, and ECON 2105, and ECON 2106, and CIS 2010, and BUSA 2106

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours. B.B.A. students may not register for this course until ECON 2105, ECON 2106, and ACCT 2102 are passed with degree credit

DESCRIPTION As the marketplace continues to adopt more electronic tools to facilitate business processes and expand to the international arena, the discipline of marketing is emerging as more important than ever in helping organizations better assure their on-going viability. This course provides an overview of marketing as a management process. Upon its successful completion, students will gain the ability to make better business decisions by understanding how to assess the marketing environment, design and conduct marketing research, and determine what elements are most important to customers as they make purchasing decisions. Topics covered include the use of marketing tools to develop and manage actual products and services, how to maximize prices on those products and services, how to distribute products and services, how to maximize prices on those products and services, and how to promote them. Finally, discussions will take place on how to compile the marketing information and decisions in a strategic plan that helps guide organizations' offerings to commercial success.

MK 4010 Marketing Metrics, Analysis and Problem Solving

CREDIT HOURS 3.0

PREREQUISITES MK 3010, and MGS 3100

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CPS None

DESCRIPTION The course teaches a numbers-based approach to understanding, structuring and presenting solutions for marketing challenges. Students apply basic economic, financial and accounting principles and best-practice marketing metrics to marketing problems, and also learn to evaluate and analyze marketing problems presented in the form of case studies. This course also includes an introduction to Marketing careers and to tools to aid students in preparing for a successful career in Marketing.

MK 4100 Buyer Behavior

CREDIT HOURS 3.0

PREREQUISITES MK 3010

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION Basic concepts and research results from marketing and the social sciences are examined with the goal of enabling marketers to better understand customers and meet their needs. The decision process of buyers, factors affecting purchasing decisions, and customer satisfaction are major conceptual areas of the course. Implications for marketing strategies (e.g., market segmentation, product design, and promotion) are discussed.

MK 4200 Marketing Research

CREDIT HOURS 3.0

PREREQUISITES MK 3010, and MGS 3100

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 4 2.5 GSU GPA and 45 semester hours

DESCRIPTION This course helps students make effective and efficient use of market information. Organizational issues, problem formulation, secondary data sources, survey sampling, measurement principles, questionnaire design, interviewing, basic data analysis, research ethics, new technologies, and international aspects are all introduced. This course may include a Signature Experience component.

MK 4300 Advertising

CREDIT HOURS 3.0

PREREQUISITES MK 3010

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1

DESCRIPTION This course examines advertising as a business, as a marketing tool, as a creative process, and as a hybrid discipline which draws from both the arts and the sciences. The course is taught from a social as well as a managerial orientation. From a social perspective, emphasis is placed on the history of advertising, as well as current social, ethical, and legal issues. From a managerial perspective, students learn about the advertising process, including such topics as diagnostic evaluative research, concept development, creative and media strategy, and global issues.

MK 4305 Social Media Marketing

CREDIT HOURS 3.0

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 4, 6, 7

DESCRIPTION Prerequisite; MK 3010, and BCOM 3950 . Social media marketing is changing the way companies of all sizes communicate with their customers. In the same way they use traditional media, marketers use social media to reach their customers efficiently and effectively. But they also use it to understand buyer behavior and gain insights into what customers are saying about brands. This course will cover social media applications such as blogging, online communities, social networking (e.g., Facebook and LinkedIn), WIKIs, rapid sharing systems (e.g., Twitter), podcasting (e.g., YouTube), and search engine marketing. Through experiential learning, the course will teach students how to apply the strategic planning process, return on investment criteria, and organizational governance issues to the broad spectrum of social media.

MK 4310 Advertising Campaigns

CREDIT HOURS 3.0

PREREQUISITES MK 4300

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 4, 6, 7

DESCRIPTION This course is designed to train students in the planning, execution, and evaluation of advertising strategies. Students apply decision criteria to every stage in the advertising process: analysis of industries, competitors, consumers, and products; market segmentation; objective setting; budget allocation; product positioning; development of creative strategy and tactics; media planning; and advertising evaluation. Through the use of an extensive campaign project, students learn firsthand the challenges of creating effective advertising programs.

MK 4315 Systematic Creativity in Product Innovation and Advertising

CREDIT HOURS 3.0

PREREQUISITES MK 3010 and BCOM 3950 or instructor approval

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION The ability to solve problems creatively and generate change plays an important role in gaining a competitive advantage in many areas of business management and especially in Marketing. This course is designed to teach students several creative problem solving methodologies, particularly in the domains of product innovation and advertising. During the course, students will work with at least three real-world companies (in both in-class tasks and semester long projects) to develop creative solutions for challenges those companies are facing. Course instruction is a mixture of lecture, discussion, and application of principles taught. The objectives of this course are to enhance the studentsâ (a) creativity, (b) ability to innovate, and (c) ability to identify, develop, and present creative solutions.

MK 4330 Principles of Professional Sales

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION A significant strategy in business today is developing relationships with potential and existing customers and vendors. The job of developing and enriching these relationships generally falls on the sales force of an organization. This course will give you an understanding of what sales people do and help you develop skills necessary to "sell" everything from yourself in a job interview to the latest products and services from your employer.

MK 4331 Key Account Sales Skills and Techniques

CREDIT HOURS 3.0

PREREQUISITES MK 4330

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION In today's sales environment, more and more organizations are adopting a "team selling" model for key and strategic accounts. This course is designed to help students develop the knowledge and skill sets necessary to be successful in a sales environment which features selling to more upper-level managers in an organization; working in a team environment; and beginning to develop sales management skills which will enhance their careers.

MK 4340 Sales Management

CREDIT HOURS 3.0

PREREQUISITES MK 3010, and BCOM 3950

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course examines the sales management function in contemporary business organizations. Emphasis is placed on the formulation, implementation, and evaluation of a strategic sales program. Specific topics addressed include ethical and legal issues in sales management, selection and recruiting, territory design, quotas, organizing the sales force, compensation, motivation, leadership and coaching, and evaluation of salesperson performance. The course also emphasizes a mix of conceptual and applied information to provide a balanced view of sales management. The strategic nature of sales management decisions is another major topic.

MK 4389 Directed Readings in Marketing

CREDIT HOURS 1.0 - 3.0

PREREQUISITES MK 3010, qnd consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION

MK 4391 Marketing Internship

CREDIT HOURS 1.0

PREREQUISITES MK 3010, and BCOM 3950 and department approval

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, (May be repeated once)

DESCRIPTION In this field study, students have the opportunity to apply their marketing skills, knowledge, and competencies in a professional setting. The course enables a student to participate in a marketing internship when the employer requires that credit be granted for the internship experience. Upon satisfying the prerequisites, students can apply to the department during the normal registration period for the upcoming semester, by providing a written description of the proposed internship. Grading is on a Satisfactory/Unsatisfactory basis. This course may include a Signature Experience component.

MK 4400 Distribution Management

CREDIT HOURS 3.0

PREREQUISITES MK 3010 and BCOM 3950

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2

DESCRIPTION Distribution management deals with the management of those activities involved in making goods and services available for businesses and consumers. In this course, students develop understanding of how various institutions in the marketing channel perform these functions cost effectively to meet changing customer expectations. Emphasis is placed on the functions associated with the flow of inventories and related information or logistics aspects of distribution including marketing channels, customer service, order management and information systems, transportation management, inventory management, and warehousing. Toward the end of the course, students learn how to integrate these functions into a total distribution/ logistics system from a supply chain perspective.

MK 4420 Retail Management

CREDIT HOURS 3.0

PREREQUISITES MK 3010 and BCOM 950

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION The retail environment serves as the touch-point between business and consumers. The retailing function adds value to the vast number of products and services that consumers buy, from food and apparel to leisure and entertainment. This course introduces students to the retail management process, the dynamism of the retail industry and tools for improving productivity. A diverse set of topics will be covered, including merchandise management, pricing and financial strategy, location analysis, store atmosphere and design, retail communications, and customer service and loyalty.

MK 4510 Business-to-Business Marketing

CREDIT HOURS 3.0

PREREQUISITES MK 3010 and BCOM 3950

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course focuses on strategy development for marketers whose customers include other businesses, the government, and institutions. It explores the buying behavior of organizations as customers and ways to segment the organizational market. In addition, the course highlights how the product development process for such customers differs from the processes used for consumer products and services. Other topics include channels of distribution strategy including electronic issues, supply chain management, price bidding, and new trends in personal selling and sales management.

MK 4600 International Marketing

CREDIT HOURS 3.0

PREREQUISITES MK 3010 and BCOM 3950

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course aims to broaden students' appreciation of world markets and to provide knowledge and skills needed for recognizing, evaluating, and managing the international function. Through lectures, cases, and hands-on projects, students are introduced to the economic, socio-cultural, financial, and legal-political factors affecting international marketing and to the problems and opportunities associated with doing business on a global scale.

MK 4620 Product Management

CREDIT HOURS 3.0

PREREQUISITES MK 3010 and BCOM 3950

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2

DESCRIPTION The objective of this course is to familiarize students with applications of relatively recent new product planning techniques. The course will emphasize the use of market research data and marketing models for new product development and management. The main topics to be covered in this course are idea generation, concept evaluation, optimal product design, test marketing, product positioning, market segmentation, market share estimation, product packaging, advertising testing, pricing, brand name selection, brand equity, and global product planning.

MK 4700 Pricing and Sales Promotion Strategy

CREDIT HOURS 3.0

PREREQUISITES MK 3010 and MK 4010 and BCOM 3950 and MGS 3100

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6, 7

DESCRIPTION This course examines sales promotion as a form of marketing communication. Marketers use sales promotion toolsâ coupons, sweepstakes, rebates, premiums, samples, point-of-purchase displays, price deals, loyalty programs, event sponsorships, trade allowances, and other incentive programsâ to motivate profitable behavior throughout the channel as well as at the final point of sale. Since the 1990's sales promotion has come to account for the largest share of the marketerâs budget across many industries. In this course, students learn how to conceptualize, execute, and evaluate a firmâs sales promotion activities so as to maximize their ROI. This course utilizes individual and group projects, as well as lecture and discussion, to help students develop sound sales promotion strategies.

MK 4705 Sales Promotion Strategy

CREDIT HOURS 3.0

PREREQUISITES MK 3010 and BCOM 3950

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course examines sales promotion as a form of marketing communication. Marketers use sales promotion toolsâ coupons, sweepstakes, rebates, premiums, samples, point-of-purchase displays, price deals, loyalty programs, event sponsorships, trade allowances, and other incentive programsâ to motivate profitable behavior throughout the channel as well as at the final point of sale. Since the 1990â s, sales promotion has come to account for the largest share of the marketerâ s budget across many industries. In this course, students learn how to conceptualize, execute, and evaluate a firmâ s sales promotion activities so as to maximize their ROI. This course utilizes individual and group projects, as well as lecture and discussion, to help students develop sound sales promotion strategies.

MK 4720 Direct and Interactive Marketing

CREDIT HOURS 3.0

PREREQUISITES BCOM 3950, and MK 3010

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CPS 1, 2, 6, 7

DESCRIPTION Direct Marketing is one of the fastest growing areas of marketing practice today. Direct marketing uses multiple channels (such as Internet, the telephone, mail, and mass media) to reach specifically targeted customers to elicit a response and create an immediate or eventual sale. Direct marketing is distinguished by its focus on targeting and by its emphasis on accountability for performance and impact on ROI. This course teaches students how to plan and execute effective direct marketing strategies. Students examine the role of information in testing, refining and evaluating a direct marketing program. They will also explore the regulatory environment, the challenge of protecting customer privacy, and global variations in the use and effectiveness of direct marketing programs.

MK 4800 Services Marketing

CREDIT HOURS 3.0

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6, 7

DESCRIPTION Prerequisites; MK 3010, and BCOM 3950. Given the dominance of the service sector in the global economy, this course focuses on the important challenges of marketing services and delivering quality service to customers. The primary theme of this course is that service organizations differ from goods organizations and require their own distinctive approach to the development and execution of marketing strategy. A second theme focuses on the role of service in manufacturing firms. This course will suggest ways that companies in the manufactured goods sector might use service as a source of competitive advantage. Through completion of a comprehensive firm audit, students will better understand the use of marketing tools by service organizations.

MK 4850 Marketing for Entrepreneurs

CREDIT HOURS 3.0

PREREQUISITES MK 3010, and BCOM 3950

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6, 7

DESCRIPTION Marketing is of critical importance to the success of the entrepreneurial venture. This course gives students the chance to develop their knowledge and thinking about entrepreneurial opportunities by applying marketing concepts to the specific challenges of the small business or start-up. The course begins by examining how marketing can be used to find, evaluate, and exploit the right venture opportunity. Students then learn how to formulate product, price, promotion, and distribution strategies under conditions of severe resource limitations. Through the development of a marketing plan for an existing small business or a proposed start-up, students will learn how to position new products and services to increase the chance of ventures success.

MK 4900 Marketing Strategy

CREDIT HOURS 3.0

PREREQUISITES MK 3010, and MK 4010, and MK 4100, and MK 4200

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 3, 4, 6, 7

DESCRIPTION This is the capstone course, synthesizing knowledge and skills acquired in previous marketing coursework. The course focuses on marketing's role in creating, capturing, and sustaining customer value for an organization or business unit. Using the case method, students apply quantitative analysis and critical thinking skills to develop and implement marketing strategies to solve problems in a dynamic global environment. Working in teams, students learn how to manage marketing organizations and integrate marketing functions as they design, execute, evaluate, and present a strategic marketing plan. Students are encouraged to enroll in this course their last semester. Prerequisites are strictly enforced.

MATH 0099 Intermediate Algebra

CREDIT HOURS 4.0

DESCRIPTION (Formerly LSP 0099.) A transition from elementary algebra to college algebra. Topics include operations with radicals, graphing of linear and nonlinear functions, algebra of linear and nonlinear functions, systems of linear equations and inequalities, review of factoring and quadratic functions. Applications will be emphasized.

MATH 0997 Support for Quantitative Reasoning

CREDIT HOURS 1.0

COREQUISITES MATH 1001

DESCRIPTION This course is a supplement to MATH 1001 and designated as a support to students taking Quantitative Reasoning concurrently. Topics covered will be prerequisite skills that are necessary for success in MATH 1001. The course content will focus on developing mathematical maturity through conceptual understanding and mastery of foundational skills. Enrollment in MATH 1001 is mandatory.

MATH 0998 Support for Mathematical Modeling

CREDIT HOURS 2.0

PREREQUISITES Students who are enrolled in MATH 0998 must be concurrently enrolled in MATH 1101

DESCRIPTION This course is intended to provide corequisite support for students requiring remediation in mathematics while they are enrolled in MATH 1101 â⊠⊠ Introduction to Mathematical Modeling.

MATH 0999 Support for College Algebra

CREDIT HOURS 2.0

PREREQUISITES A suitable score on the math placement test or MATH 1001 or MATH 1101 with a C or higher, and concurrent registration in MATH 1111

DESCRIPTION This course is intended to provide corequisite support for students requiring remediation in mathematics while they are enrolled in MATH 1111 â⊠⊠ College Algebra.

MATH 1001 Quantitative Reasoning

CREDIT HOURS 3.0

COREQUISITES Placement based on the mathematics placement policy

DESCRIPTION This course emphasizes quantitative reasoning skills needed for informed citizens to understand the world around them. Topics include logic, basic probability, data analysis and modeling from data. NOTE: This course is an alternative in Area A of the Core Curriculum and is not intended to supply sufficient algebraic background for students who intend to take Precalculus or the Calculus sequences for mathematics and science majors.

MATH 1070 Elementary Statistics

CREDIT HOURS 3.0

DESCRIPTION Descriptive statistics, basic probability, and distribution of random variables, estimation and hypothesis tests for means and proportions, regression and correlation, analysis of count data.

MATH 1101 Introduction to Mathematical Modeling

CREDIT HOURS 3.0

DESCRIPTION Three lecture hours a week. Mathematical modeling using graphical, numerical, symbolic, and verbal techniques to describe and explore real-world data and phenomena. Emphasis is on the use of elementary functions to investigate and analyze applied problems and questions, on the use of appropriate supporting technology, and on the effective communication of quantitative concepts and results.

MATH 1111 College Algebra

CREDIT HOURS 3.0

PREREQUISITES Appropriate score on the math placement test, or concurrent registration in MATH 0999

DESCRIPTION This course provides an in-depth study of the properties of algebraic, exponential and logarithmic functions as needed for calculus. Emphasis is on using algebraic and graphical techniques for solving problems involving linear, quadratic, piece-wise defined, rational, polynomial, exponential, and logarithmic functions.

MATH 1112 College Trigonometry

CREDIT HOURS 3.0

PREREQUISITES MATH 1111 with a grade of C or higher, or appropriate score on the math placement test

DESCRIPTION This course is an in-depth study of the properties of trigonometric functions and their inverses. Topics include circular functions, special angles, solutions of triangles, trigonometric identities and equations, graphs of trigonometric functions, inverse trigonometric functions and their graphs, Law of Sines, Law of Cosines, and vectors.

MATH 1113 Precalculus

CREDIT HOURS 3.0

PREREQUISITES MATH 1111 with a grade of C or higher, or appropriate score on the math placement test

DESCRIPTION This course is an intensive study of the basic functions needed for the study of calculus. Topics include algebraic, functional, and graphical techniques for solving problems with algebraic, exponential, logarithmic, and trigonometric functions and their inverses.

MATH 1220 Survey of Calculus

CREDIT HOURS 3.0

PREREQUISITES MATH 1111 with grade of C or higher

DESCRIPTION Differential and integral calculus of selected real-valued functions of one and several real variables with applications.

MATH 2008 Foundations of Numbers and Operations

CREDIT HOURS 3.0

PREREQUISITES MATH 1001, MATH 1101, MATH 1111, MATH 1112, MATH 1113, MATH 2201, or MATH 2211 with grade of C or higher

DESCRIPTION This course is an Area F introductory mathematics course for early childhood education majors. This course will emphasize the understanding and use of the major concepts of number and operations. As a general theme, strategies of problem solving will be used and discussed in the context of various topics.

MATH 2201 Calculus for the Life Sciences I

CREDIT HOURS 4.0

PREREQUISITES MATH 1112 or MATH 1113 with a grade of C or higher, or appropriate score on the placement test

DESCRIPTION Limits, derivatives and applications. Exponential and logarithmic functions. Integrals, antiderivatives and the Fundamental Theorem of Calculus. Examples and Applications are drawn from the life sciences. This course is not appropriate for mathematics, computer science, geology, and physics majors or minors.

MATH 2202 Calculus for the Life Sciences II

CREDIT HOURS 4.0

PREREQUISITES MATH 2201 with a grade of C or higher

DESCRIPTION Matrices, functions of several variables, differential equations and solutions with applications. Examples and applications are drawn from the life sciences. This course is not appropriate for mathematics, computer science, geology, and physics majors or minors.

MATH 2211 Calculus of One Variable I

CREDIT HOURS 4.0

PREREQUISITES MATH 1112 or MATH 1113 with grade of C or higher or a suitable score on the math placement test

DESCRIPTION Limits and Continuity, Differentiation, Mean Value Theorem for Derivatives; applications of differentiation; definition of the integral; Fundamental Theorem of Calculus; applications of integration to area.

MATH 2212 Calculus of One Variable II

CREDIT HOURS 4.0

PREREQUISITES MATH 2211 with grade of C or higher

DESCRIPTION Applications and techniques of integration; transcendental and inverse trigonometric functions; polar coordinates; infinite sequences and series; indeterminate forms; improper integrals.

MATH 2215 Multivariate Calculus

CREDIT HOURS 4.0

PREREQUISITES MATH 2212 with grade of C or higher

DESCRIPTION Real-valued functions of several variables, limits, continuity, differentials, directional derivatives, partial derivatives, chain rule, multiple integrals, applications.

MATH 2420 Discrete Mathematics

CREDIT HOURS 3.0

PREREQUISITES MATH 1112 or MATH 1113 or MATH 1220 with a grade of C or higher

DESCRIPTION This course introduces the ideas of finite mathematical structures. Topics include set theory, logic, proof techniques, functions and relations, graphs, and trees.

MATH 2641 Linear Algebra I

CREDIT HOURS 3.0

PREREQUISITES MATH 2212 with a grade of C or higher

DESCRIPTION Theory and applications of matrix algebra, vector spaces, and linear transformations. Topics include linear equations and matrices, invertible matrices, determinants, vector spaces, subspaces, bases, eigenvalues and eigenvectors.

MATH 2652 Differential Equations

CREDIT HOURS 4.0

PREREQUISITES MATH 2215 with grade of C or higher

DESCRIPTION This course is an introduction to the basic ideas of ordinary differential equations. Topics include first-order equations, linear differential equations, series solutions, simple non-linear equations, systems of differential equations, and applications.

MATH 3000 Bridge to Higher Mathematics-CTW

CREDIT HOURS 3.0

PREREQUISITES MATH 2641 and MATH 2420 with grades of C or higher

DESCRIPTION Topics from set theory, real numbers, analysis, and algebra, which illustrate a formal approach to the presentation and development of mathematical concepts and proofs. Serves as the Critical Thinking Through Writing (CTW) course required of all mathematics majors.

MATH 3030 Mathematical Models for Computer Science

CREDIT HOURS 3.0

PREREQUISITES MATH 2212 and MATH 2420 or CSC 2510 with grades of C or higher

DESCRIPTION Elements of mathematical modeling including: multivariate functions, probability, distributions of random variables, sampling, statistical inference, operators, vector analysis; elements of linear algebra.

MATH 3050 Geometry and Spatial Sense

CREDIT HOURS 3.0

PREREQUISITES MATH 2030 or MATH 2008 with grade of C or higher

DESCRIPTION Building on Euclidean geometry this course is designed to develop a more visual understanding of geometry and enhance geometric intuition in two- and three-dimensions. Topics include measurement, two-dimensional geometry, three-dimensional geometry, spherical geometry, symmetry, tesselations, efficient shapes, transformations.

MATH 3070 Introduction to Probability and Statistics

CREDIT HOURS 3.0

PREREQUISITES MATH 2030 or MATH 2008 with grade of C or higher, or consent of instructor

DESCRIPTION Three lecture hours a week. This course will not be accepted as a part of the requirements for a major in mathematics. This course is intended to provide an overview of the basics of probability and descriptive statistics. Various forms of technology will be used.

MATH 3090 Algebraic Concepts

CREDIT HOURS 3.0

PREREQUISITES MATH 2030 or MATH 2008 with grade of C or higher

DESCRIPTION This course will not be accepted as a part of the requirements for a major in mathematics. This course is designed to broaden understanding of fundamental concepts of algebra with particular attention given to specific methods and materials of instruction. The principle algebra topics to be taught in this course are: the Language of Algebra; Patterns, Relations, and Functions; and Balance, Equations, and Inequalities.

MATH 3350 Scientific Computing

CREDIT HOURS 3.0

PREREQUISITES C or higher in MATH 2215 and MATH 2641

DESCRIPTION Introduction to programing in the Matlab, focusing on the knowledge and skills that are useful to scientific computing. The topics may include: basic Matlab concepts, matrix manipulations, linear algebra functions, plotting and visualizing functions, ordinary differential equations, basic statistical analyses and simple symbolic derivations. At the end of the class students should be able to use Matlab to address a variety of mathematical and statistical problems.

MATH 3420 Applied Combinatorics

CREDIT HOURS 3.0

PREREQUISITES MATH 2212 or MATH 2420 with grade of C or higher

DESCRIPTION Counting principles; topics include combinations, permutations, generating functions, recurrence relations, principle of inclusion and exclusion, and Polya's theory of counting.

MATH 3610 Special Problems and Solving Strategies

CREDIT HOURS 3.0

PREREQUISITES MATH 2212 with grade of B or higher, or consent of instructor

DESCRIPTION The course will concentrate on developing solving strategies of difficult mathematical problems which require creativity and profound understanding of mathematics. Among topics to be covered: induction and pigeonhole principle, arithmetic, algebra, summation of series, intermediate real analysis, inequalities.

MATH 3690 Honors Readings

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and readings on selected topics.

MATH 3820 Historical and Cultural Development of Mathematics I

CREDIT HOURS 3.0

PREREQUISITES MATH 1101 or MATH 1111 with grade of C or higher

DESCRIPTION Three lecture hours a week. Exploration of the historical and cultural development of mathematics between ~3000 B.C. and ~A.D. 1600. Mathematics topics to include the development of arithmetic, geometry (practical, deductive, and axiomatic), number theory, trigonometry, syncopated and symbolic algebra, probability, and statistics.

MATH 3821 Historical and Cultural Development of Mathematics II

CREDIT HOURS 3.0

PREREQUISITES MATH 3000 with grade of C or higher

DESCRIPTION Three lecture hours a week. Exploration of the historical and cultural development of mathematics from ~A.D. 1600 to present. Mathematics topics to include the development of algebraic geometry, logarithms, calculus, non-Euclidean geometry, abstract algebra, probability, and analysis.

MATH 4010 Mathematical Biology

CREDIT HOURS 3.0

PREREQUISITES MATH 1220, MATH 2202, or MATH 2212 with a C or higher

DESCRIPTION (Same as BIOL 4010.) This course provides an introduction to the use of continuous and discrete differential equations in the biological sciences. Biological topics will include single species and interacting population dynamics, modeling infectious and dynamic diseases, regulation of cell function, molecular interactions and receptor-ligand binding, biological oscillators, and an introduction to biological pattern formation. There will also be discussions of current topics of interest such as Tumor Growth and Angiogenesis, HIV and AIDS, and Control of the Mitotic Clock. Mathematical tools such as phase portraits, bifurcation diagrams, perturbation theory, and parameter estimation techniques that are necessary to analyze and interpret biological models will also be covered.

MATH 4030 Mathematical Music Theory

CREDIT HOURS 3.0

PREREQUISITES Grade of C or higher in MATH 3000

DESCRIPTION Specific aspects of group theory, algebraic combinatorics on words, similarity and distance measures, topology and geometry, and topos theory that are used in the analysis of general objects of music (scales, chords, rhythmic patterns) as well as in specific applications (development of software, music cognition, analysis of pieces from different time periods and genres). Acquire a repertoire of mathematical tools and techniques.

MATH 4211 Optimization

CREDIT HOURS 3.0

PREREQUISITES Either MATH 3030 or both MATH 2641 and MATH 2215 with grades of C or higher

DESCRIPTION Lagrange multipliers, gradient methods (steepest descent), search techniques, variational methods and control problems; other varying topics such as dynamic programming, nonlinear programming.

MATH 4250 Complex Analysis

CREDIT HOURS 3.0

PREREQUISITES MATH 3000 with grade of C or higher

DESCRIPTION Complex numbers, analytic functions, complex series, Cauchy theory, residue calculus, conformal mapping.

MATH 4258 Vector Calculus

CREDIT HOURS 3.0

PREREQUISITES MATH 2215 with grade of C or higher

DESCRIPTION (Same as PHYS 4510.) Vector algebra, curvilinear motion, vector fields, gradient, divergence, Laplacian, line and surface integrals, integral theorems.

MATH 4265 Partial Differential Equations

CREDIT HOURS 3.0

PREREQUISITES MATH 2652 with a grade of C or higher

DESCRIPTION (Same as PHYS 4520.) First-order equations, classification of linear second-order equations, separation of variables, Fourier series, orthogonal functions, Greenâ⍰⍰s functions.

MATH 4275 Applied Dynamical Systems

CREDIT HOURS 3.0

PREREQUISITES MATH 2652 with grades of C or higher

DESCRIPTION Three lecture hours per week. An introduction to discrete and continuous dynamical systems. Topics include: phase space; linear and nonlinear systems; structural stability; classification of equilibrium states, invariant manifolds; poincare maps, fixed points and period orbits; stability boundaries; local bifurcations; homoclinic orbits; routes to chaos in dissipative systems; applications from physics, biology, population dynamics, economics.

MATH 4301 College Geometry

CREDIT HOURS 3.0

PREREQUISITES MATH 3000 with grade of C or higher

DESCRIPTION Axioms of planar Euclidean Geometry. The 5th postulate. Congruence and Similarity. Theorem of Thales. Similar Triangles: SAS, AA, and SSS. Theorem of Ceva. The Pythagorean Theorem. Polygons. Circles, secants and tangents, measurement of an angle with respect to a circle. Perimeters, areas, circumference. Inscribed and circumscribed polygons. Coordinate Geometry in the plane. Mirror symmetries, rotations, translations and dilations. Isometries and the fundamental theorem of Euclidean Geometry. Transformations in the plane and tessellations.

MATH 4371 Modern Geometry

CREDIT HOURS 3.0

PREREQUISITES MATH 3000 with grade of C or higher

DESCRIPTION Euclidean and non-Euclidean geometry, including incidence, order, and the parallel postulate.

MATH 4381 General Topology

CREDIT HOURS 3.0

PREREQUISITES Grade of C or higher in MATH 3000

DESCRIPTION This course will provide an introduction to general topology, which is the study of spaces and how to classify spaces according to their characteristic properties. The class will begin with a brief review of basic set theory and metric spaces. Topics covered include topological spaces, continuous functions, topological properties (connectedness, compactness, countability, and separation axioms), the fundamental group, and covering spaces.

MATH 4382 Algebraic Topology

CREDIT HOURS 3.0

PREREQUISITES Grade of C or higher in General Topology (MATH 4381/6381) and Modern Algebra I (MATH 4441)

DESCRIPTION This course will provide an introduction to methods in algebraic topology. Topics covered include fundamental groups, covering space theory, simplicial complexes, simplicial homology, singular homology, singular cohomology, and higher homotopy groups.

MATH 4420 Graph Theory

CREDIT HOURS 3.0

PREREQUISITES MATH 3000 with grade of C or higher

DESCRIPTION Introduction to graph theory; topics include structure of graphs, trees, connectivity, Eulerian and Hamiltonian graphs, planar graphs, graph colorings, matchings, independence, and domination. Additional topics may include symmetry of graphs, directed graphs, extremal graph theory and Ramsey theory, graph embeddings, and probabilistic methods in graph theory.

MATH 4435 Linear Algebra II

CREDIT HOURS 3.0

PREREQUISITES MATH 2215, MATH 2641, and MATH 3000 with grades of C or higher

DESCRIPTION Theory and applications of matrix algebra, vector spaces, and linear transformations. Topics include matrix representations of linear transformations, eigenvalues and eigenvectors, similarity, the spectral theorem, and orthogonality.

MATH 4441 Modern Algebra I

CREDIT HOURS 3.0

PREREQUISITES MATH 2215, MATH 2641, and MATH 3000 with grades of C or higher

DESCRIPTION Axiomatic approach to algebraic structures, groups, permutations, homomorphisms, and factor groups.

MATH 4442 Modern Algebra II

CREDIT HOURS 3.0

PREREQUISITES MATH 4441 with grade of C or higher

DESCRIPTION Rings, integral domains, and fields; polynomials over a field, matrices over a field, algebraic numbers and ideals.

MATH 4444 Polynomials

CREDIT HOURS 3.0

PREREQUISITES MATH 3000 with grade of C or higher

DESCRIPTION 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, Lagrange), Grobner bases and algorithms.

MATH 4450 Theory of Numbers

CREDIT HOURS 3.0

PREREQUISITES MATH 3000 with grade of C or higher

DESCRIPTION Properties of integers, divisibility, congruence of problems.

MATH 4544 Biostatistics

CREDIT HOURS 3.0

PREREQUISITES MATH 2202 or MATH 2211; and BIOL 2108K with a C or higher; or equivalents

DESCRIPTION (Same as BIOL 4744.) Degree credit will not be given for both MATH 4544 and MATH 4547. Principles and methods of statistics as applied to biology and medicine.

MATH 4547 Introduction to Statistical Methods

CREDIT HOURS 3.0

PREREQUISITES grade of C or higher in a course in calculus

DESCRIPTION Degree credit will not be given for both MATH 4544 and MATH 4547. Data analysis, sampling, and probability; standard methods of statistical inference, including t-tests, chi-square tests, and nonparametric methods. Applications include use of a statistical computer package.

MATH 4548 Methods of Regression and Analysis of Variance

CREDIT HOURS 3.0

PREREQUISITES grade of C or higher in a course in calculus, and a course covering methods of statistical inference

DESCRIPTION Simple and multiple regression, model selection procedures, analysis of variance, simultaneous inference, design and analysis of experiments. Applications include use of a statistical computer package.

MATH 4610 Numerical Analysis I

CREDIT HOURS 3.0

PREREQUISITES MATH 2215 with grade of C or higher and the ability to program in a high-level language

DESCRIPTION (Same as CSC 4610.) Nature of error; iteration; techniques for nonlinear systems; zeros of functions; interpolation; numerical differentiation; Newton-Cotes formulae for definite integrals; computer implementation of algorithms.

MATH 4620 Numerical Analysis II

CREDIT HOURS 3.0

PREREQUISITES Either MATH 3030 or both MATH 2641 and MATH 2215 with grades of C or higher, and the ability to program in a high level language

DESCRIPTION (Same as CSC 4620.) Gaussian Elimination for linear systems; least squares; Taylor, predictor-corrector and Runge- Kutta methods for solving ordinary differential equations; boundary value problems; partial differential equations.

MATH 4661 Analysis I

CREDIT HOURS 3.0

PREREQUISITES MATH 2215, MATH 2641, and MATH 3000 with grades of C or higher

COREQUISITES MATH 4435

DESCRIPTION The real number system, basic topology of metric spaces, sequences and series, limits and continuity.

MATH 4662 Analysis II

CREDIT HOURS 3.0

PREREQUISITES MATH 4661 with grade of C or higher

DESCRIPTION Differentiation of real functions, Reimann integrals, sequences and series of functions, differentation and integration of functions of several variables.

MATH 4751 Mathematical Statistics I

CREDIT HOURS 3.0

PREREQUISITES MATH 2215 with grade of C or higher

DESCRIPTION Probability, random variables and their distributions, mathematical expectation, moment generating functions, sampling distributions.

MATH 4752 Mathematical Statistics II

CREDIT HOURS 3.0

PREREQUISITES MATH 4751 with grade of C or higher

DESCRIPTION Theory of estimation and hypothesis testing, applications of statistical inference, introduction to regression and correlation.

MATH 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to Honors thesis or project. This course may include a Signature Experience component.

MATH 4880 Honors Thesis: Writing

CREDIT HOURS 3.0

PREREQUISITES MATH 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of Honors thesis or project. This course may include a Signature Experience component.

MATH 4982 Undergraduate Research in Mathematics

CREDIT HOURS 3.0

PREREQUISITES at least 12 upper-division hours in mathematics with grades of C or higher

DESCRIPTION Authorization required. Independent investigation of topics of common interest to student and instructor. This course may include a Signature Experience component.

MATH 4991 Senior Seminar-CTW

CREDIT HOURS 3.0

PREREQUISITES MATH 4435 with grade of C or higher

DESCRIPTION This course introduces students to independent research in mathematics and related areas. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all mathematics majors.

MATH 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

MATH 4998 Selected Topics

CREDIT HOURS 1.0 - 3.0

PREREQUISITES consent of instructor

DESCRIPTION No more than six credit hours may be applied toward the major. May be repeated if topics are different.

EDMT 3350 Topics in Middle Grades Mathematics

CREDIT HOURS 3.0

PREREQUISITES MATH 1113 or MATH 2211 with a grade of "C" or higher

DESCRIPTION Develops selected content topics in middle grades mathematics including number theory, algebra, geometry, probability, and statistics. The course emphasizes algebraic thinking and functions, problem solving, reasoning, connecting mathematical ideas, and using technology.

EDMT 3420 Special Topics in the Middle Level Mathematics Curriculum

CREDIT HOURS 3.0

DESCRIPTION Students explore the content and pedagogy related to selected topics in the middle school mathematics curriculum. May be repeated for credit when topics change. (Repeatable).

EDMT 4460 Concepts and Methods in Middle Childhood Mathematics

CREDIT HOURS 3.0

PREREQUISITES Students must complete all Area G.1 and Area G.2 courses

COREQUISITES EDCI 4650, EDCI 4600, EDRD 4600 and EDMT 4460, EDRD 4450, EDSC 4470, or EDSS 4480

REQUIREMENTS A minimum grade of "B" is required for this course

DESCRIPTION Provides the pedagogical content knowledge necessary for effective middle school mathematics instruction. Procedures for planning, implementing, and reflecting on mathematics instruction are learned in a school setting.

MES 2100 Introduction to Middle East Studies

CREDIT HOURS 3.0

DESCRIPTION Provides an overview of the scholarly study of the region, including basic concepts, historical development and current debates.

MES 3110 The Ancient Mediterranean

CREDIT HOURS 4.0

DESCRIPTION (Same as HIST 3500.) Political, cultural, religious, economic, and social developments of the Ancient Near East, Greece and Rome and their influence on Western Civilization.

MES 3520 Sufism & Islamic Mysticism

CREDIT HOURS 3.0

DESCRIPTION (Same as RELS 3520.) The rise of ascetic and mystical tendencies in Islam; the development of Sufism and the Sufi brotherhoods; the conflict between Sufism and Islamic law, and their eventual reconciliation; anti-Sufi polemics of reformers and fundamentalists in modern times; the continuing importance and vitality of Sufism today.

MES 3710 Introduction to Jewish Studies

CREDIT HOURS 3.0

DESCRIPTION (Same as JST 3000.) A survey of the Jewish experiences since Biblical times, with special attention to the modern period (c. 1680-1945) and contemporary period (1945-present). Students synthesize material drawn from numerous disciplines, including film, history, literature, philosophy and religious studies. The course is facilitated by a lead teacher, with regular guest lectures by faculty and experts from different fields. Topics vary with faculty.

MES 4110 The Middle East, 600 to 1800

CREDIT HOURS 4.0

DESCRIPTION (Same as HIST 3780.) Political, cultural, social and economic development in the lands from Spain to Central Asia since the rise of Islam. Global Perspectives Course.

MES 4115 North Africa to 1800

CREDIT HOURS 4.0

DESCRIPTION (Same as HIST 3515.) Political, economic, cultural and social history of North Africa and its interactions with the Mediterranean world, Sub-Saharan Africa and the broader world system. Examines the history of the Berbers alongside the history of Arab and European influences in the region from Roman times to 1800.

MES 4120 The Middle East since 1800

CREDIT HOURS 4.0

DESCRIPTION (Same as HIST 3790.) Political, cultural, social and economic development from Morocco to Iran, including imperialism, nationalism, independence and religious revival. Gloabl Perspectives Course.

MES 4125 Medieval Mediterranean/Islamic World

CREDIT HOURS 4.0

DESCRIPTION (Same as HIST 3510.) Overview of the history of the Medieval Mediterranean World, from the fall of the Roman Empire to the rise of the Atlantic World (500-1500). Topics will include the origins and spread of Islam, cross-cultural contacts around the Mediterranean, the Crusades, and the other examples of Islamic/Christian/Jewish interaction.

MES 4140 Origins and Collapse Ancient Near East Societies

CREDIT HOURS 4.0

DESCRIPTION (Same as HIST 4510.) History of Egypt, Mesopotamia, Iran, the Levant, Anatolia and Central Asia from 3500 BCE to 323 BCE. Areas of exploration will include the origins of the state; the development of Egyptian and Mesopotamian kingship; the collapses of the Early and late Bronze Age; human environment interactions; nomads and settled societies; Mesopotamian literature; women's legal status; the Hittite Empire; daily life in an Egyptian village; the invention of the alphabet; Assyrian imperial terrorism; the rise of monotheism; the Persian empire.

MES 4150 Ancient Persia, Greece, and Rome

CREDIT HOURS 4.0

DESCRIPTION (Same as HIST 4520.) History of Persia, Greece, and Rome from 1800 BCE to 500 CE. Areas of exploration will include Bronze Age Greece in Near Eastern context; the 12th century BCE "Catastrophe"; Archaic Greek religion; the polis; Greek drinking parties and politics; the Persian conquest; the rise of Zoroastrianism; Hellenic syncretism; Parthia and Rome as the heirs of Hellenism; the metropolitan Roman empire; disease and demography in Late Antiquity; and the rise of Christianity.

MES 4160 The Middle East and the Americas

CREDIT HOURS 4.0

DESCRIPTION Relationship between the Middle East and the Americas. Explores the use of literature and mass media as well as the impact of the Cold War on present US/Middle East relations. Explores also questions of race, migration to the Americas and political Islam.

MES 4170 Palestine and Modern Middle East

CREDIT HOURS 4.0

DESCRIPTION Social, economic, cultural and political history of Palestine and its relation to the larger Middle East. Starting from the expansion of European power in the nineteenth century at the expense of the Ottoman Empire, the course charts the developments in Palestine during the modern era. Explores history through the prism of violence, state formation, identity politics, nationalism and migration and its larger impact on the Middle East.

MES 4210 Politics of the Middle East and North Africa

CREDIT HOURS 3.0

DESCRIPTION (Same as POLS 4260.) Politics and culture of the region. Contemporary issues including: the region's relations with the West, regional conflict, and increasing role of religious movements in politics.

MES 4220 Politics and Religion in Comparative Perspective

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (recommended): POLS 3200 or POLS 3400. (Same as POLS 4285.) Role of religious beliefs and institutions on political behavior.

MES 4230 Model Arab League

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION (Same as POLS 4952.) An exercise in modeling the process and politics of the Arab League. May be repeated for credit.

MES 4240 Middle East in World Affairs

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (recommended): POLS 3400 or POLS 4260. (Same as POLS 4423.) International relations of the Middle East (West Asia and North Africa), combining IR theory and the perspectives of policymakers and other actors of the region.

MES 4258 Government and Politics of South Asia

CREDIT HOURS 3.0

DESCRIPTION (Same as POLS 4258.) Examines the societies and politics of South Asia, with specific reference to India and Pakistan since independence from Britain in 1947.

MES 4430 Islamic Fundamentalism and the Modem World

CREDIT HOURS 3.0

DESCRIPTION (Same as RELS 4480.) Modem Islamic movements including modernization, secularization and fundamentalism. Emphasis on fundamentalist views on women, politics, popular religious practices and violence; Muslim responses and alternatives to fundamentalism.

MES 4440 Special Topics in Islam

CREDIT HOURS 3.0

DESCRIPTION (Same as RELS 4570.) Investigation of a specific theme, figure(s) or text(s) within Islam, such as Islamic ethics, historical portrayals of Muhammad, or the Nation of Islam. May be repeated if topic varies.

MES 4450 Life of Muhammad

CREDIT HOURS 3.0

DESCRIPTION (Same as RELS 4580.) Study and contrast of various perspectives of the life of the Prophet Muhammad including medieval Muslin hagiographies, medieval European polemics, and modem reinterpretations of both Muslims and non-Muslims.

MES 4510 Art of Ancient Egypt and Nubia

CREDIT HOURS 3.0

DESCRIPTION (Same as AH 4010 and AAS 4310.) Survey of painting, sculpture, architecture and minor arts in ancient Egypt and Nubia with reference to their chronological development and underlying historical, religious and cultural meanings.

MES 4511 Art and Architecture of Ancient Egypt I: 4000-1600 BC

CREDIT HOURS 3.0

PREREQUISITES AH 1700 with grade of C or higher, or consent of instructor

DESCRIPTION (Same as AH 4011.) An examination of the art and architecture of ancient Egypt from the predynastic period to the Middle Kingdom with reference to stylistic characteristics and historical, religious and cultural contexts.

MES 4512 Art and Architecture of Ancient Egypt II: 1600-31 BC

CREDIT HOURS 3.0

DESCRIPTION (Same as AH 4012.) Art and architecture of ancient Egypt from the New Kingdom to the Ptolemaic Period with reference to stylistic development and historical, religious and cultural contexts.

MES 4520 Art and Architecture of the Ancient Near East

CREDIT HOURS 3.0

PREREQUISITES AH 1700 with grade of C or higher, or consent of the instructor

DESCRIPTION (Same as AH 4020.) An investigation of art and society from the Neolithic period to Alexander the Great, using archaeological data and art historical methods to analyze ancient objects and monuments.

MES 4530 Islamic Philosophy

CREDIT HOURS 3.0

DESCRIPTION A survey of the Islamic philosophical tradition, its characteristics and the major questions with which it has concerned itself. Topics include the development of Islamic thought and its different schools, through the development of Islamic legal scholarship, mysticism and philosophy.

MES 4570 Study Abroad

CREDIT HOURS 3.0 - 6.0

PREREQUISITES consent of instructor

DESCRIPTION Students will explore the culture and history of a Middle Eastern country through direct field experience in the country. Foreign language knowledge is not required. This course may include a Signature Experience component.

MES 4580 Middle East Studies Internship

CREDIT HOURS 1.0 - 6.0

PREREQUISITES Advanced standing, and approval of sponsoring faculty advisor and of department chair

DESCRIPTION Academic training and professional experience through short-term internships at relevant corporations, non-profit organizations and public or private agencies. Paper required. May be taken more than once, but only three credits may be applied toward major requirements. This course may include a Signature Experience component.

MES 4590 Special Studies Seminar

CREDIT HOURS 1.0 - 6.0

DESCRIPTION This course offers an in-depth examination of an issue in Middle East Studies.

MES 4600 International Journalism

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 and JOUR 3070 with grades of C or higher

DESCRIPTION Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. (Same as JOUR 4650.) Critical and comparative approaches to the study of communication systems and journalism at the national, regional, and global levels. Analysis of issues and implications of the globalization of mass media, information systems, and culture. Strategies for international communication research.

MES 4700 Arab and Islamic Feminisms

CREDIT HOURS 3.0

DESCRIPTION (Same as WGSS 4840.) We will look at how Arab and Islamic feminisms articulate with concerns of other feminisms indigenous to the global south and how Arab and Islamic feminisms have emerged as oppositional discourses to colonialism, patriarchal nationalism, and Western feminism.

MES 4870 Honors Thesis: Research

CREDIT HOURS 1.0 - 6.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis. This course may include a Signature Experience component.

MES 4880 Honors Thesis: Writing

CREDIT HOURS 1.0 - 6.0

PREREQUISITES MES 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

MES 4890 Independent Study

CREDIT HOURS 1.0 - 4.0

PREREQUISITES consent of instructor and Institute director

DESCRIPTION This course is designed to provide students with the opportunity to do more advanced work in an area in which they have already had regular course work. Not to be used as a substitute for regularly offered upper-level courses. May be repeated for a maximum of 6 hours if topic varies.

MES 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

MES 4999 Directed Readings

CREDIT HOURS 1.0 - 4.0

PREREQUISITES consent of instructor

DESCRIPTION

MSL MILITARY SCIENCE LEADERSHIP

MSL 1001 Physical Fitness

CREDIT HOURS 1.0

DESCRIPTION This course is a physically and mentally challenging course where you will study, practice, and execute the US Army physical readiness training program in conjunction with other military and civilian fitness programs and models.

MSL 1010 Foundations of Officership

CREDIT HOURS 1.0

DESCRIPTION Introduces students to issues and competencies that are central to a commissioned officer's responsibilities. Established framework for understanding officership, leadership, and Army values followed and "life skills" such as physical fitness and time management.

MSL 1020 Basic Leadership

CREDIT HOURS 1.0

DESCRIPTION Establishes foundation of basic leadership fundamentals such as problem solving, communications, briefings and effective writing, goal setting, techniques for improving listening and speaking skills and an introduction to counseling.

MSL 2010 Individual Leadership Studies

CREDIT HOURS 3.0

DESCRIPTION Students identify successful leadership characteristics through observation of others and self through experiential learning exercises. Students record observed traits (good and bad) in a dimensional leadership journal and discuss observations in small group settings.

MSL 2020 Leadership & Teamwork

CREDIT HOURS 3.0

DESCRIPTION Student examines how to build successful teams, various methods for influencing action, effective communication in setting and achieving goals, the importance of timing the decision, creativity in the problem solving process, and obtaining team buy-in through immediate feedback.

MSL 3010 Leadership & Problem Solving

CREDIT HOURS 3.0

PREREQUISITES MSL 1010, MSL 1020, MSL 2010, or MSL 2020 with grade of C or higher, or completed ROTC basic camp, or military service equivalent

DESCRIPTION Students conduct self-assessment of leadership style, develop personal fitness regimen, and learn to plan and conduct individual/small unit tactical training while testing reasoning and problem-solving techniques. Students receive direct feedback on leadership abilities.

MSL 3020 Leadership & Ethics

CREDIT HOURS 3.0

PREREQUISITES MSL 1010, MSL 1020, MSL 2010, or MSL 2020 with grade of C or higher, or completed ROTC Basic Camp, or military service equivalent

DESCRIPTION Examines the role communications, values, and ethics play in effective leadership. Topics include ethical decision-making, consideration of others, spirituality in the military, and survey Army leadership doctrine. Emphasis on improving oral and written communication abilities.

MSL 3030 Leadership Training Camp

CREDIT HOURS 8.0

PREREQUISITES consent of instructor

DESCRIPTION Successful completion of LTC requires a cadet to meet or exceed the standard in a variety of objective evaluations. At LTC cadets will learn, develop, and practice leadership within a challenging, stressful, and competitive framework. The LTC environment provides cadre an opportunity to evaluate overall officer potential and characteristics such as loyalty, duty, respect, selfless service, honor, integrity, personal courage, and leadership.

MSL 4010 Leadership and Management

CREDIT HOURS 3.0

PREREQUISITES MSL 1010, MSL 1020, MSL 2010, or MSL 2020 with grade of C or higher or military equivalent

DESCRIPTION Develops student proficiency in planning and executing complex operations, functioning as a member of a staff, and mentoring subordinates. Students explore training management, methods of effective staff collaboration, and developmental counseling techniques.

MSL 4020 Officership

CREDIT HOURS 3.0

PREREQUISITES MSL 1010, MSL 1020, MSL 2010, or MSL 2020 with grade of C or higher, or military service equivalent

DESCRIPTION Study includes case study analysis of military law and practical exercises on establishing an ethical command climate. Students must complete a semester-long Senior Leadership Project that requires them to plan, organize, collaborate, analyze, and demonstrate their leadership skills.

MSL 4030 National Advanced Leadership Camp

CREDIT HOURS 8.0

PREREQUISITES consent of instructor

DESCRIPTION ROTC National Advanced Camp is the most important training event for an Army ROTC cadet. The 32-day camp incorporates a wide range of subjects designed to develop and evaluate leadership ability. The challenges are rigorous and demanding, both mentally and physically. Advanced Camp tests intelligence, common sense, ingenuity, and stamina. These challenges provide a new perspective on an individual's ability to perform exacting tasks and to make difficult decisions in demanding situations.

MSL 4400 Independent Study

CREDIT HOURS 4.0

DESCRIPTION Develops proficiency in planning, executing, and assessing complex operations, functioning as a member of a staff, and providing leadership-performance feedback to subordinates. Cadets are given situational opportunities to assess risk, make sound ethical decisions, and provide coaching and mentoring to fellow ROTC Cadets. MSL IV Cadets are measured by their ability to give and receive systematic and specific feedback on leadership abilities using the Socratic model of reflective learning. Cadets at the MSL IV level analyze and evaluate the leadership values, attributes, skills, and actions of MSL III Cadets while simultaneously considering their own leadership skills. Attention is given to preparation for success at BOLC III and the development of leadership abilities. The MSL 4400 course is designed to include multiple opportunities for student centered learning, to include, but not limited to student reading assignments; homework assignments; participation in small group assignments, practical exercises and case studies.

MUS 1060 Wind Ensemble

CREDIT HOURS 1.0

DESCRIPTION Study, rehearsal, and concert performance of wind literature of various periods and styles. May be repeated for credit. This course may include a Signature Experience component.

MUS 1061 Wind Orchestra

CREDIT HOURS 1.0

PREREQUISITES Consent of Instructor Consent of Instructor

DESCRIPTION Study, rehearsal, and concert performance of wind literature of various periods and styles by a select group of students from the College and non-student residents of the community. Regular concerts are held on/off-campus. Advance audition and evening rehearsals are required. May be repeated for credit.

MUS 1062 Concert Band

CREDIT HOURS 1.0

DESCRIPTION Study, rehearsal, and concert performance of band repertoire representing various periods and styles. Open to music majors and non-majors. Audition required. Prior playing experience and music reading ability required. May be repeated for credit. This course may include a Signature Experience component.

MUS 1063 Marching Band

CREDIT HOURS 1.0 - 3.0

DESCRIPTION Repertoire, performance, and technique for enhancing school spirit and university athletic activities. Open to all university students who can perform at required level on an appropriate instrument/visual equipment. Audition required. 1-3 credit hours.

MUS 1070 Orchestra

CREDIT HOURS 1.0

PREREQUISITES Consent of Instructor

DESCRIPTION Study, rehearsal, and concert performance of orchestral literature of various periods and styles. May be repeated for credit. This course may include a Signature Experience component.

MUS 1080 Choral Ensemble: Men’s Chorus

CREDIT HOURS 1.0

PREREQUISITES Consent of Instructor

DESCRIPTION Study, rehearsal and concert performance of men's choral literature of various periods and styles. Counts only in the Bachelors program. (May be repeated for credit) This course may include a Signature Experience component.

MUS 1080A Choral Ensemble: University Singers

CREDIT HOURS 1.0

DESCRIPTION Study, rehearsal, and concert performance of choral literature of various periods and styles. May be repeated for credit. This course may include a Signature Experience component.

MUS 1080B Choral Ensemble: Vocal Jazz

CREDIT HOURS 1.0

DESCRIPTION Study and performance of vocal jazz ensemble repertoire.

MUS 1081 Choral Union

CREDIT HOURS 1.0

PREREQUISITES Consent of Instructor

DESCRIPTION The Choral Union is open to all GSU students who want to sing in a choir. No audition is required. The Choral Union sings a wide variety of music and typically performs two concerts per semester. Counts only in the Bachelors program. (May be repeated for credit.).

MUS 1082 Women's Chorus

CREDIT HOURS 1.0

PREREQUISITES Consent of Instructor

DESCRIPTION Study, rehearsal, and performance of repertoire for womenâ⊠⊠s chorus. Open to music majors and non-majors. Counts only in the Bachelors program. (May be repeated for credit.) This course may include a Signature Experience component.

MUS 1083 Master Singers

CREDIT HOURS 1.0

PREREQUISITES Consent of Instructor

DESCRIPTION The Georgia State University Master Singers is an auditioned choral ensemble that sings repertoire of all styles and periods. Counts only in the Bachelors program. (May be repeated for credit.).

MUS 1090 Jazz Band

CREDIT HOURS 1.0

PREREQUISITES Audition and consent of instructor

DESCRIPTION Study, rehearsal, and concert performance of jazz literature of various periods and styles. May be repeated for credit. This course may include a Signature Experience component.

MUS 1101 Concert Attendance One

CREDIT HOURS 0.0

DESCRIPTION Undergraduate students seeking music degrees are required to complete the requisite semesters of concert attendance by attending a minimum of ten (10) approved concerts each semester. Students must complete course prerequisite in order to register for next sequence. Completion of MUS 1104 is required to graduate in the Associates program. MUS 1106 is required to graduate in the Bachelors program.

MUS 1102 Concert Attendance Two

CREDIT HOURS 0.0

PREREQUISITES MUS 1101 Completion of prior course sequence

DESCRIPTION Undergraduate students seeking music degrees are required to complete the requisite semesters of concert attendance by attending a minimum of ten (10) approved concerts each semester. Students must complete course prerequisite in order to register for next sequence. Completion of MUS 1104 is required to graduate in the Associates program. MUS 1106 is required to graduate in the Bachelors program.

MUS 1103 Concert Attendance Three

CREDIT HOURS 0.0

PREREQUISITES MUS 1102 Completion of prior course sequence

DESCRIPTION Undergraduate students seeking music degrees are required to complete the requisite semesters of concert attendance by attending a minimum of ten (10) approved concerts each semester. Students must complete course prerequisite in order to register for next sequence. Completion of MUS 1104 is required to graduate in the Associates program. MUS 1106 is required to graduate in the Bachelors program.

MUS 1104 Concert Attendance Four

CREDIT HOURS 0.0

PREREQUISITES MUS 1103 Completion of prior course sequence

DESCRIPTION Undergraduate students seeking music degrees are required to complete the requisite semesters of concert attendance by attending a minimum of ten (10) approved concerts each semester. Students must complete course prerequisite in order to register for next sequence. Completion of MUS 1104 is required to graduate in the Associates program. MUS 1106 is required to graduate in the Bachelors program.

MUS 1105 Concert Attendance Five

CREDIT HOURS 0.0

PREREQUISITES MUS 1104 Completion of prior course sequence

DESCRIPTION Undergraduate students seeking music degrees are required to complete the requisite semesters of concert attendance by attending a minimum of ten (10) approved concerts each semester. Students must complete course prerequisite in order to register for next sequence. Completion of MUS 1104 is required to graduate in the Associates program. MUS 1106 is required to graduate in the Bachelors program.

MUS 1106 Concert Attendance Six

CREDIT HOURS 0.0

PREREQUISITES Completion of prior course sequence

DESCRIPTION Prerequiste: MUS 1105. Undergraduate students seeking music degrees are required to complete the requisite semesters of concert attendance by attending a minimum of ten (10) approved concerts each semester. Students must complete course prerequisite in order to register for next sequence. Completion of MUS 1104 is required to graduate in the Associates program. MUS 1106 is required to graduate in the Bachelors program.

MUS 1430 Fundamentals of Music

CREDIT HOURS 3.0

DESCRIPTION Not acceptable for credit for Bachelor of Music candidates. Includes staff notation, the piano keyboard, rhythm and meter, scales and modes, intervals and triads. Designed for students who read music. This course may be taken in preparation for Theory sequence by prospective majors needing preparatory strengthening in these areas and by non-majors starting applied music study.

MUS 1440 Theory I

CREDIT HOURS 3.0

PREREQUISITES MUS 1430 with grade of C or higher, a score of 70 percent on the School of Music Fundamentals Examination, or consent of instructor

COREQUISITES MUS 1540 or MUS 1550

DESCRIPTION Beginning study of the materials and structure of music including diatonic harmony, counterpoint, and form analysis. Basic to all subsequent music-theory courses.

MUS 1450 Theory II

CREDIT HOURS 3.0

PREREQUISITES MUS 1440 with a grade of C or higher, a score of 90 percent or higher on the School of Music Fundamentals Examination, or consent of instructor

COREQUISITES MUS 1540, MUS 1550, or MUS 2540

DESCRIPTION Continuing study of the materials and structure of music, including diatonic harmony, counterpoint, and form analysis.

MUS 1540 Aural Skills I

CREDIT HOURS 1.0

PREREQUISITES MUS 1430 with a grade of C or higher, passing score on Theory Placement Exam, or consent of instructor

COREQUISITES MUS 1440

DESCRIPTION Beginning study of sight singing, keyboard harmony and ear training, including melodic and rhythmic transcriptions and error detection within a diatonic framework.

MUS 1550 Aural skills II

CREDIT HOURS 1.0

PREREQUISITES MUS 1540 with grade of C or higher or consent of instructor

COREQUISITES MUS 1440, MUS 1450, or MUS 2440

DESCRIPTION Study of sight singing, keyboard harmony, and ear training, including melodic and rhythmic transcription and error detection.

MUS 1607 Concert Attendance

CREDIT HOURS 0.0

COREQUISITES Students registering for any of the Music Theory courses must concurrently register for MUSC 1607 until four semesters of MUSC 1607 have been satisfactorily completed

DESCRIPTION To complete the course satisfactorily, the student must attend ten approved concerts during the semester in which the course is taken; of these, six must be events sponsored by the College's Fine Arts Department, except in the instances that will present a severe hardship, in which cases the department chair may approve suitable substitutes. Students may receive only one concert credit for a concert in which they are performing that semester.

MUS 1656 Orchestra

CREDIT HOURS 1.0

DESCRIPTION Any student in the College may audition for membership in the DeKalb Symphony Orchestra, a community orchestra based at the College. Regular concerts including subscription concerts with internationally known guest soloist are held on campus and in a variety of locations throughout the metropolitan area and state. Regular evening rehearsals and occasional out-of-town concerts are required.

MUS 1710 Group Instruction in Piano I

CREDIT HOURS 1.0

PREREQUISITES Consent of instructor

DESCRIPTION A unified approach to elementary piano instruction stressing the following skills: reading, harmonizing, chord patterns, transposing, and improvising. Includes work with solo and ensemble literature as well as technical patterns.

MUS 1720 Group Instruction in Piano II

CREDIT HOURS 1.0

PREREQUISITES MUS 1710 with grade of C- or higher, or consent of instructor

DESCRIPTION Continuation of skills, literature, and technique introduced in MUS 1710 at a more advanced level.

MUS 1730 Group Instruction in Voice I

CREDIT HOURS 2.0

DESCRIPTION Fundamentals of vocal production. Development of technique through group and solo singing.

MUS 1740 Group Instruction in Voice II

CREDIT HOURS 2.0

DESCRIPTION Development of singing skills through appropriate level of repertoire and individual and group learning strategies. May be taken prior to or following MUS 1730.

MUS 1754 Jazz Lab Band

CREDIT HOURS 1.0

DESCRIPTION The Jazz Lab Band functions as an instructional laboratory providing coaching in the stylistic elements of jazz including improvisation. No advance audition is required, but students are expected to possess basic proficiency on an appropriate instrument. Not offered every semester.

MUS 1756 Jazz Ensemble

CREDIT HOURS 1.0

DESCRIPTION The ensemble is comprised of a group of students from the College and community residents, all selected through audition. Regular performances including the full range of jazz literature are held on- and off-campus. This course is not to be counted toward fulfillment of the Performance Organization requirement in area F for music majors. Evening rehearsals are required.

MUS 1758 Chamber Ensembles

CREDIT HOURS 1.0

DESCRIPTION The chamber ensembles are designed for students who wish to participate in small group performances of like and mixed instrumental and vocal ensembles. Students are admitted by audition or with the permission of the instructor. This course only counts in the Associate's degree program. Not every ensemble is offered every semester.

MUS 2010 The Music Business for Jazz Musicians

CREDIT HOURS 1.0

DESCRIPTION Seminar to acquaint jazz musicians with employment in music performance. Professionals will address students on subjects including the club date business, building a private teaching studio, and the creation of a demo tape.

MUS 2300 Art and Music for Early Childhood

CREDIT HOURS 3.0

DESCRIPTION Not for art or music majors. Art and music content and teaching methods with an emphasis on integration into general classroom settings.

MUS 2440 Theory III

CREDIT HOURS 3.0

PREREQUISITES MUS 1450 with grade of C or higher or consent of instructor

COREQUISITES MUS 1550, MUS 2540, or MUS 2550

DESCRIPTION Continuation of common-practice chromatic harmony; study of post-common practice chromaticism including linear chords and remote modulation. Introduction to three-part counter- point and fugue.

MUS 2450 Theory IV

CREDIT HOURS 3.0

PREREQUISITES MUS 2440 with grade of C or higher or consent of instructor

COREQUISITES MUS 2540 or MUS 2550

DESCRIPTION Analysis of music of the twentieth century to and beyond World War II. Concludes with a summary formal review of music of various style periods including study of concerto.

MUS 2490 Basic Conducting

CREDIT HOURS 2.0

PREREQUISITES MUS 1450 and MUS 1550 with grades of C or higher, or consent of instructor

DESCRIPTION Introduction to beat patterns, baton technique, score reading, and rehearsal techniques.

MUS 2540 Aural Skills III

CREDIT HOURS 1.0

PREREQUISITES MUS 1550 with grade of C or higher or consent of instructor

COREQUISITES MUS 1450, MUS 2440, or MUS 2450

DESCRIPTION Continuation of the two-year aural skills sequence. Introduction to chromatic materials and increasingly complex rhythms and meters.

MUS 2550 Aural Skills IV

CREDIT HOURS 1.0

PREREQUISITES MUS 2540 with grade of C or higher or consent of instructor

COREQUISITES MUS 2440 or MUS 2450

DESCRIPTION Completion of the two-year aural skills sequence. Further study of chromatic materials; twentieth-century melody and harmony.

MUS 2710 Group Instruction in Piano III

CREDIT HOURS 1.0

PREREQUISITES MUS 1720 with a grade of C- or higher or consent of instructor

DESCRIPTION Continuation of skills, literature, and technique from MUS 1720.

MUS 2720 Group Instruction in Piano IV

CREDIT HOURS 1.0

PREREQUISITES MUS 2710 with grade of C- or higher, or consent of instructor

DESCRIPTION Continuation of skills, literature, and technique introduced in MUS 2710. Contains the final Piano Proficiency examination which is to be scored according to a standardized rubric.

MUS 2780 Beginning Jazz Improvisation I

CREDIT HOURS 1.0

PREREQUISITES MUS 1440 and MUS 1540 with grade of C or higher, or consent of instructor

DESCRIPTION Topics include jazz nomenclature, chord and scale construction, ear training improvisation in major and dorian modes.

MUS 2790 Beginning Jazz Improvisation II

CREDIT HOURS 1.0

PREREQUISITES MUS 2780 with grade of C or higher, or consent of instructor

DESCRIPTION Topics include dominant function chords, bebop scales, pentatonic scales, II-V chord progressions, and standard song forms and blues forms.

MUS 3000 Recital I

CREDIT HOURS 0.0

PREREQUISITES Must be admitted to applied music study at the 3000 level

DESCRIPTION Half-hour public recital. This course may include a Signature Experience component.

MUS 3010 Basic Improvisation

CREDIT HOURS 1.0

PREREQUISITES MUS 2440 and MUS 2540 with grades of C or higher, or consent of instructor

DESCRIPTION Introduction to improvisation, from chord-scale techniques to nonharmonic-based improvisation.

MUS 3050 New Music Ensemble

CREDIT HOURS 1.0

PREREQUISITES Audition or consent of instructor

DESCRIPTION Chamber ensemble that performs primarily post-World War II music, but also some earlier music. Student compositions may be performed. Participation in New Music Week during Spring semester required.

MUS 3060 Wind Ensemble

CREDIT HOURS 1.0

DESCRIPTION Study, rehearsal, and concert performance of wind literature of various periods and styles. May be repeated for credit. This course may include a Signature Experience component.

MUS 3061 Wind Orchestra

CREDIT HOURS 1.0

DESCRIPTION Study, rehearsal, and concert performance of wind instrument/band repertoire representing various periods and styles. Open to music majors and non-majors. Prior playing experience and music reading ability required. Placement audition required. This course may include a Signature Experience component. (May be repeated for credit.).

MUS 3062 Concert Band

CREDIT HOURS 1.0

DESCRIPTION Study, rehearsal, and concert performance of band repertoire representing various periods and styles. Open to music majors and non-majors. Audition required. Prior playing experience and music reading ability required. May be repeated for credit. This course may include a Signature Experience component.

MUS 3063 Marching Band

CREDIT HOURS 1.0 - 3.0

DESCRIPTION Repertoire, performance, and technique for enhancing school spirit and university athletic activities. Open to all university students who can perform at required level on an appropriate instrument/visual equipment. Audition required.

MUS 3070 Orchestra

CREDIT HOURS 1.0

DESCRIPTION Study, rehearsal, and concert performance of orchestral literature of various periods and styles. May be repeated for credit. This course may include a Signature Experience component.

MUS 3071 Collaborative Piano

CREDIT HOURS 1.0

DESCRIPTION Supervised accompanying and chamber music for pianists. Eligible students may count up to two semesters in lieu of large ensemble. May be repeated for credit.

MUS 3080 Choral Ensemble: Men's Chours

CREDIT HOURS 1.0

DESCRIPTION Study, rehearsal and concert performance of men's choral literature of various periods and styles. May be repeated for credit. This course may include a Signature Experience component.

MUS 3080A Choral Ensemble: University Singers

CREDIT HOURS 1.0

DESCRIPTION Study, rehearsal, and concert performance of choral literature of various periods and styles. May be repeated for credit. This course may include a Signature Experience component.

MUS 3080B Choral Ensemble: Vocal Jazz

CREDIT HOURS 1.0

DESCRIPTION Study and performance of vocal jazz ensemble repertoire.

MUS 3081 Choral Union

CREDIT HOURS 1.0

DESCRIPTION The Choral Union is open to all GSU students who want to sing in a choir. No audition is required. The Choral Union sings a wide variety of music and typically performs two concerts per semester.

MUS 3082 Women's Chorus

CREDIT HOURS 1.0

DESCRIPTION Study, rehearsal, and performance of repertoire for women's chorus. Open to music majors and non-majors. (May be repeated for credit.) This course may include a Signature Experience component.

MUS 3083 Master Singers

CREDIT HOURS 1.0

DESCRIPTION The Georgia State University Master Singers is an auditioned choral ensemble that sings repertoire of all styles and periods.

MUS 3090 Jazz Band

CREDIT HOURS 1.0

DESCRIPTION Study, rehearsal, and concert performance of jazz literature of various periods and styles. This course may include a Signature Experience component.

MUS 3100 Opera Workshop

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Consent of instructor

DESCRIPTION Basic techniques in acting and technical aspects of theatre that are utilized in the performance of an opera scene. This course may include a Signature Experience component.

MUS 3105 Acting for Singers

CREDIT HOURS 2.0

DESCRIPTION Development of the skills needed for new singing actors and actresses. Focus will be on the fundamentals of the stage and character development: stage direction, parts of the theater, subtext, imagination, inner motivation, adaptation, objectives, and movement within a musical framework.

MUS 3110 Brass Ensemble

CREDIT HOURS .5.0

PREREQUISITES Consent of instructor

DESCRIPTION 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. This course may include a Signature Experience component.

MUS 3120 Chamber Music for Strings

CREDIT HOURS .5.0

PREREQUISITES Consent of instructor

DESCRIPTION Performance of chamber music for orchestral string instruments; includes historical and stylistic considerations and the study of ensemble performance problems. May be repeated for credit for a maximum of four semester hours.

MUS 3130 Chamber Music for Woodwinds

CREDIT HOURS .5.0

PREREQUISITES Consent of instructor

DESCRIPTION Performance of chamber music for woodwind instruments; includes historical and stylistic considerations and the study of ensemble performance problems. May be repeated for credit for a maximum of four semester hours.

MUS 3140 Percussion Ensemble

CREDIT HOURS .5.0

PREREQUISITES Consent of instructor

DESCRIPTION Performance of chamber music for percussion instruments; includes historical and stylistic considerations and the study of ensemble performance problems. May be repeated for credit for a maximum of four semester hours.

MUS 3150 Guitar Ensemble

CREDIT HOURS .5.0

DESCRIPTION Performance of chamber music for guitar; includes historical and stylistic considerations and the study of ensemble performance problems. May be repeated for credit for a maximum of four semester hours.

MUS 3160 Jazz Combos

CREDIT HOURS .5.0

PREREQUISITES Audition and consent of instructor

DESCRIPTION Rehearsal and performance of jazz literature for the small jazz combo (trio to sextet) with balanced instrumentation. Basic jazz improvisation, improving listening skills, combo arranging, and memorization of jazz "standards.".

MUS 3230 Brass Techniques

CREDIT HOURS 1.0

PREREQUISITES Consent of instructor

DESCRIPTION Technique, literature, and notation for brass instruments. A comparative, homogeneous approach to performing on trumpet, horn, trombone, and tuba.

MUS 3240 String Techniques

CREDIT HOURS 1.0

PREREQUISITES Consent of instructor

DESCRIPTION Technique, literature, and notation for string instruments. A comparative, heterogeneous approach to performing on violin, viola, cello, and bass.

MUS 3250 Woodwind Techniques

CREDIT HOURS 1.0

PREREQUISITES Consent of instructor

DESCRIPTION Technique, literature, and notation for woodwind instruments. A comparative, homogeneous approach to performing on flute, clarinet, oboe, bassoon, and saxophone.

MUS 3260 Percussion Techniques

CREDIT HOURS 1.0

PREREQUISITES Consent of instructor

DESCRIPTION Technique, literature, and notation for percussion instruments. A comparative, homogeneous approach to performing on drums, mallets, and auxiliary percussion instruments.

MUS 3310 Introduction to Music Education

CREDIT HOURS 3.0

PREREQUISITES Consent of instructor

DESCRIPTION Foundations of music teaching and learning, with emphasis on school settings. Issues, skills and knowledge applicable to general, choral, and instrumental music education. Includes observation and field experience.

MUS 3320 General Music in Early Childhood

CREDIT HOURS 3.0

PREREQUISITES MUS 3310 with a grade of B or higher, admission to Music Education Program, or consent of instructor

DESCRIPTION Principles and techniques for teaching music to children in preschool through fourth grade. Includes musical development of the young child, program goals and content, methods, and assessment strategies. Correlated with national standards in music education. Field experience in a school setting.

MUS 3330 General Music in Middle and Secondary Schools

CREDIT HOURS 3.0

PREREQUISITES MUS 3320 with a grade of B or higher, admission to Music Education Program, or consent of instructor

DESCRIPTION Principles and techniques for teaching general music in middle school and high school. Includes musical development of the adolescent, program goals and content, methods, and assessment strategies. Correlated with national standards in music education. Field experience in school setting.

MUS 3340 Choral Music in the Schools

CREDIT HOURS 3.0

PREREQUISITES MUS 3330 with a grade of B or higher, and MUS 2490 with a grade of C or higher, or consent of instructor

DESCRIPTION Overview of choral music education in school settings from elementary through high school. Applications of choral conducting, arranging, and vocal pedagogy. Vocal development among children and adolescents, building the choral program, selecting repertoire, classroom management, methods, and rehearsal techniques. Observation and field experience in school settings.

MUS 3358 Teaching Beginning Strings

CREDIT HOURS 2.0

PREREQUISITES MUS 3240 with grade of C or higher; and MUS 3310 with grade of B or higher; and admission to Music Education Concentration; or consent of instructor

DESCRIPTION Music education students must meet course prerequisites; performance students are restricted to those who have passed an audition for the School of Music and are admitted to the class by consent of instructor. Organizing and teaching beginning string programs for groups and individuals. Contextual emphasis on school settings, including recruiting/retention, program development, motivation, repertoire and methods assessment/evaluation, and major pedagogues. Teaching pedagogy consistent with national standards. Students will demonstrate ability to mode m primary and secondary instruments. Field experience in a school setting is required for music education students; performance students may select projects related to studio teaching.

MUS 3359 Teaching Beginning Winds and Percussion

CREDIT HOURS 2.0

PREREQUISITES MUS 2490, MUS 3230, MUS 3250, and MUS 3260 with grades of C or

DESCRIPTION Music Education students must follow published course prerequisites; performance student restricted to those who have passed an audition for the School of Music and are admitted to the class by consent of instructor. Organizing/teaching beginning band instruments for groups and individuals. Contextual emphasis on band programs in school settings. Includes recruiting/retention, program development, motivation, assessment/evaluation, repertoire and major methods, national standards, and major pedagogues. Students will peer-teach individuals and groups and will model on primary and secondary instruments. Field experience required for music education students. Performance students may elect field experience or projects related to studio teaching.

MUS 3360 Teaching Intermediate and Advanced Instrumental Music

CREDIT HOURS 3.0

PREREQUISITES MUS 3359 with grade of B or higher, or consent of instructor

DESCRIPTION Organizing and teaching band and orchestra at intermediate and advanced levels. Developing student musicianship repertoire, teaching/rehearsal techniques and materials, curriculum development, program development and organization, motivation scheduling, budgeting, inventory management, booster clubs, professional relationships, travel, competitions/festivals, discipline, student leadership, pyramid/feeder alignment, fundraising, and professional development. Demonstration of ability to model on primary instrument at intermediate and advanced levels. Required field experience in school setting.

MUS 3690 Honors Readings

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and readings on selected topics.

MUS 4000 Recital II

CREDIT HOURS 0.0

PREREQUISITES must be admitted to applied music study at the 3000 level

DESCRIPTION One-hour public recital. This course may include a Signature Experience component.

MUS 4010 Performance Laboratory

CREDIT HOURS 0.0

DESCRIPTION Coached chamber ensemble and/or studio-class performance. Includes repertoire review, master classes, peer analysis and critique, and recital preparation. (May be repeated.).

MUS 4011 Singing in English, Italian, and Latin

CREDIT HOURS 1.0

DESCRIPTION Two lab classes per week. Developing the ability to pronounce the Italian and Latin languages on sight through the study of the International Phonetic Alphabet and its application to Italian vocal literature as well as vocal literature in Latin.

MUS 4021 Singing in German

CREDIT HOURS 1.0

DESCRIPTION Two lab classes per week. Developing the ability to pronounce the German language on sight through the study of the International Phonetic Alphabet and its application to German vocal literature.

MUS 4031 Singing in French

CREDIT HOURS 1.0

DESCRIPTION Two lab classes per week. Developing the ability to pronounce the French language on sight through the study of the International Phonetic Alphabet and its application to French vocal literature.

MUS 4041 Singing in English

CREDIT HOURS 1.0

DESCRIPTION Two lab classes per week. Developing the ability to pronounce the classical English language on sight through the study of the International Phonetic Alphabet and its application to English vocal literature.

MUS 4100 Jazz Combo Arranging

CREDIT HOURS 1.0

PREREQUISITES MUS 2400 with grade of C or higher, or consent or instructor

DESCRIPTION Concepts of arranging for small jazz group, jazz instrumentation, and nomenclature; concepts in jazz theory.

MUS 4110 Instrumentation and Orchestration

CREDIT HOURS 3.0

PREREQUISITES MUS 2450 and MUS 2550 with grades of C or higher, or equivalent, or consent of instructor

DESCRIPTION Three lecture hours a week. Exploration of the technical capabilities and idiomatic performance practices of instruments found in the orchestra and the wind ensemble. Additional instruction in arranging and transcribing techniques for chamber ensembles, the orchestra, and wind ensemble.

MUS 4140 Arranging for Chorus

CREDIT HOURS 1.0

PREREQUISITES MUS 2450 with grade of C or higher, or consent of instructor

DESCRIPTION Arranging for large and small vocal ensembles with and without accompaniment.

MUS 4170 Arranging for the Large Jazz Ensemble

CREDIT HOURS 1.0

PREREQUISITES MUS 4100 with grade of C or higher, or consent of instructor

DESCRIPTION Contemporary arranging techniques for rhythm section and two, three, and four wind instruments.

MUS 4210 Composition Seminar

CREDIT HOURS 2.0

PREREQUISITES MUS 1440 and MUS 1540 with grades of C or higher, or equivalent, or consent of instructor

DESCRIPTION Two lecture hours a week. Exploration of the processes and aesthetics of contemporary musical composition with additional topics to include a survey of contemporary music since 1960, advanced musical notation, advanced orchestration, and an exploration of the business of being a composer. Repeatable for credit and required of all students working in the composition area.

MUS 4220 Jazz Ensemble Techniques

CREDIT HOURS 2.0

DESCRIPTION Study and performance of current jazz ensemble techniques and materials for school use. Special emphasis on basic improvisation; understanding and performing jazz styles. Field experience with secondary pupils is required.

MUS 4260 Practicum in Music Education

CREDIT HOURS 3.0

PREREQUISITES MUS 3330 or MUS 3359 with grade of B or higher, or consent of instructor

DESCRIPTION Part-time supervised teaching of music in school settings. This course may include a Signature Experience component.

MUS 4270 (TE) Student Teaching in Music

CREDIT HOURS 6.0

PREREQUISITES MUS 3340 or MUS 3360 with grade of B or higher, or consent of instructor

DESCRIPTION Full-time supervised teaching of music in school settings. This course may include a Signature Experience component.

MUS 4290 (TE) Senior Seminar in Music Education

CREDIT HOURS 3.0

PREREQUISITES Approval of Music Education faculty

DESCRIPTION Selected topics for beginning teachers, including classroom management; cooperative learning environments; student diversity; administration of music programs; program evaluation; national standards; and others, as appropriate. To be taken concurrently with MUS 4270 or MUS 4830.

MUS 4360 Advanced Keyboard Skills

CREDIT HOURS 2.0

DESCRIPTION Development of advanced keyboard skills in sight playing, chord patterns, transposing, harmonizing classical, folk and popular melodies, arranging for keyboards, improvising; accompanying pedagogy majors waives the piano proficiency.

MUS 4410 Piano Pedagogy I

CREDIT HOURS 3.0

DESCRIPTION Approaches and materials for children and high-school students at the elementary and intermediate levels. Focus will include the job market, methods, curriculum building, musicianship training, technical development, practice strategies, ensemble playing, use of technology in teaching, and professional etiquette as a clinician/adjudicator.

MUS 4411 Piano Pedagogy II

CREDIT HOURS 3.0

PREREQUISITES MUS 4410 with grade of C or higher, or consent of instructor

DESCRIPTION Approaches and materials for the adult student at the beginner through advanced levels. Focus will include piano class teaching, methods, curriculum building, musicianship training, technical development, practice strategies, memorization, musical style and interpretation, ensemble playing, philosophical bases, piano laboratory technology, and professional etiquette as a clinician/ adjudicator.

MUS 4440 Vocal Pedagogy

CREDIT HOURS 2.0

DESCRIPTION Principles of vocal pedagogy and development of teaching skills in applied vocal instruction.

MUS 4450 Advanced Tonal Analysis

CREDIT HOURS 3.0

PREREQUISITES MUS 2450 with grade of C or higher, or consent of instructor

DESCRIPTION Advanced structural and stylistic analysis of large one-movement and multi-movement works from the common-practice period.

MUS 4460 Analysis of Post-Tonal Music

CREDIT HOURS 3.0

PREREQUISITES MUS 2450 with grade of C or higher

DESCRIPTION Theories of musical structure in the post-tonal idiom, with analytical applications to literature from major composers of the twentieth century. Compositional exercises will provide orientation to diverse styles and demonstrate creative applications of theoretical concepts.

MUS 4480 Choral Conducting

CREDIT HOURS 2.0

PREREQUISITES MUS 2490 with grade of C or higher, or consent of instructor

DESCRIPTION Conducting techniques, with and without the baton, that communicate the conductor's interpretation of the musical score to the performers.

MUS 4490 Instrumental Conducting

CREDIT HOURS 2.0

PREREQUISITES MUS 2450 and MUS 2490 with grades of C or higher, or consent of instructor

DESCRIPTION Advanced baton techniques, score reading and interpretation, and rehearsal procedures for instrumental conductors.

MUS 4500 Historical Counterpoint

CREDIT HOURS 3.0

PREREQUISITES MUS 2450 with grade of C or higher, or consent of instructor

DESCRIPTION Exploration, through composition and analysis, of the style and contrapuntal techniques of the Renaissance (Palestrina-style modal counterpoint) and Baroque (Bach-style harmonic counterpoint).

MUS 4530 Accompanying

CREDIT HOURS 1.0

PREREQUISITES Keyboard proficiency

DESCRIPTION Developing musical sensitivity at the keyboard to enhance the performance of vocalists or instrumentalists. May be repeated for credit.

MUS 4610 Piano Literature

CREDIT HOURS 3.0

PREREQUISITES Consent of instructor

DESCRIPTION A comprehensive investigation of keyboard music from a historical and stylistic viewpoint, emphasizing major keyboard works and composers from the Baroque to the present.

MUS 4620 Vocal Literature

CREDIT HOURS 3.0

PREREQUISITES Consent of instructor

DESCRIPTION The art song and concert aria from Mozart to the present.

MUS 4640 Choral Literature

CREDIT HOURS 3.0

PREREQUISITES MUS 2450 with grade of C or higher, or consent of instructor

DESCRIPTION Literature for large and small vocal ensembles, including madrigals, masses, motets; 1500 to the present.

MUS 4650 Opening School Experience

CREDIT HOURS 0.0

PREREQUISITES Admitted to Teacher Education

REQUIREMENTS Course is graded as satisfactory/unsatisfactory

DESCRIPTION A minimum grade of "S" is required for this course. Students gain practical experiences in the school and classroom during the week of preplanning and the first week of school. While assisting in the classroom, students learn effective procedures for beginning the school year. This course may include a Signature Experience component.

MUS 4660 Dramatic Music

CREDIT HOURS 3.0

PREREQUISITES MUS 1450 with grade of C or higher, or consent of instructor

DESCRIPTION History of dramatic music, principally opera and larger sacred works, from 1600 to the present.

MUS 4730 Computer Applications in Music

CREDIT HOURS 2.0

DESCRIPTION Basic computer literacy in music-related software programs for Macintosh and Windows operating systems. Word processing, graphics, music notation, and music sequencing will be studied, along with use of resources on the Internet.

MUS 4750 Group Instruction in Jazz Keyboard

CREDIT HOURS 1.0

PREREQUISITES MUS 2720 with grade of C or higher, or consent of instructor

DESCRIPTION One lecture and one lab hour per week. Basic and intermediate jazz keyboard realization. Harmonic, melodic, and rhythmic elements will be investigated. Principles of chord progressions, comping techniques, modes, extension tones, and bass lines for lead-sheet realization.

MUS 4760 Advanced Keyboard Harmony

CREDIT HOURS 1.0

DESCRIPTION Realization of figured bass, improvisation of chord progressions, transposition, instrumental score reading, and rhythm reading at the keyboard. Satisfies the requirements in keyboard proficiency for the concentration in music theory.

MUS 4770 Advanced Aural Skills

CREDIT HOURS 1.0

PREREQUISITES MUS 2550 with grade of C or higher, or consent of instructor

DESCRIPTION Two lecture hours a week. Continued development of aural skills, with particular emphasis on aural analysis and the transcription of chromatic music.

MUS 4790 Advanced Jazz Improvisation I

CREDIT HOURS 1.0

PREREQUISITES MUS 2780 with grade of C or higher, or consent of instructor

DESCRIPTION Jazz improvisation including compositional techniques, altered dominant scales, minor ii-v7s, ballad interpretation, memorization, and chord substitutions.

MUS 4791 Advanced Jazz Improvisation II

CREDIT HOURS 1.0

PREREQUISITES MUS 4790 with grade of C or higher, or consent of instructor

DESCRIPTION Continuation of MUS 4790. Advanced improvisation concepts and performance skills emphasizing composition, altered dominant scales, minor ii-v7s, ballad interpretation, memorization, and chord substitutions.

MUS 4792 Jazz Theory

CREDIT HOURS 2.0

PREREQUISITES MUS 2450 with grade of C or higher, or equivalent, or consent of instructor

DESCRIPTION Major and minor scale harmony; modulation, minor key analysis, dominants, reharmonization, and modal interchange.

MUS 4800 Music History from Antiquity through the Baroque Period

CREDIT HOURS 3.0

PREREQUISITES MUS 1450 with grade of C or higher, or consent of instructor

DESCRIPTION An investigation of western art music from the late Christian era through 1740.

MUS 4810 Music History from the Classical Period to the Present-CTW

CREDIT HOURS 3.0

PREREQUISITES MUS 1450 with grade of C or higher, or consent of instructor

DESCRIPTION An investigation of western art music from 1740 through the contemporary era. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all music majors.

MUS 4820 World Music-CTW

CREDIT HOURS 3.0

DESCRIPTION Comparative survey of various non-western musical cultures. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all music majors.

MUS 4850 Jazz Styles

CREDIT HOURS 2.0

PREREQUISITES MUS 2450 and MUS 2780 with grades of C or higher, or equivalent, or consent of instructor

DESCRIPTION Examines important events in musical figures in the evolution of jazz by analysis of playing styles, compositions and innovations that influenced the direction of jazz in the twentieth century. African roots of jazz and music of Armstrong, Morton, Ellington, Parker/Gillespie, Coltrane, and Miles Davis.

MUS 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Consent of the instructor and Honors College

DESCRIPTION Readings or research preparatory to honors thesis or project.

MUS 4880 Honors Thesis: Writing

CREDIT HOURS 3.0

PREREQUISITES MUS 4870 with grade of C or higher, and consent of instructor and Honors Program director

DESCRIPTION Writing or production of honors thesis or project.

MUS 4890 Selected Topics

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Consent of instructor

DESCRIPTION Discussion and readings on selected topics.

MUS 4940 Orchestral Literature

CREDIT HOURS 3.0

PREREQUISITES MUS 2450 with grade of C or higher, or consent of instructor

DESCRIPTION Orchestral literature from 1700 to 1900.

MUS 4941 Orchestral Literature II

CREDIT HOURS 3.0

PREREQUISITES MUS 2450 with a grade of C or higher, or consent of instructor

DESCRIPTION Standard symphonic repertoire from the years 1900 to 2000. Crosslist with MUS 6941 Orchestral Literature II. Identify specific works that have had a major impact upon the evolution of the symphony orchestra as an instrument.

MUS 4980 Electroacoustic Music Composition

CREDIT HOURS 3.0

PREREQUISITES MUS 4730 or MUS 6730 with grade of C or higher, or consent of instructor

DESCRIPTION Crosslist with MUS 6980. Investigation of methods of electroacoustic music composition using MIDI, hardware synthesizers, and software tools. Focus on unique tool development using the MAX programming environment and associated technologies. Approaches to advanced composition with electroacoustic means from both scientific and aesthetic perspectives. Required laboratory work.

MUS 4981 Computer Music

CREDIT HOURS 3.0

PREREQUISITES MUS 4730 with grade of C or higher, or consent of instructor

DESCRIPTION Introduction to software synthesis computer music using the Csound acoustic compiler. Survey of fundamental synthesis techniques, fundamentals of Csound programming, and strategies for sound design and composition. Required laboratory work.

MUS 4982 Advanced Topics in Computer Music

CREDIT HOURS 3.0

PREREQUISITES MUS 4981 with grade of C or higher, or consent of instructor

DESCRIPTION Advanced topics in software synthesis computer music using the Csound acoustic compiler. Survey of digital signal processing, advanced synthesis methods and score development. Course work culminates in a significant computer music project. Required laboratory work. This course may include a Signature Experience component.

MUS 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements. This course may include a Signature Experience component.

MUA MUSIC APPRECIATION

MUA 1059 University Basketball Band

CREDIT HOURS 1.0

DESCRIPTION Repertoire, performance, and technique for enhancing school spirit and university athletic activities. Open to all university students who can perform at required level on an appropriate instrument. Audition required.

MUA 1430 Fundamentals of Music

CREDIT HOURS 2.0

DESCRIPTION Introduction to the fundamental theory aspects of music. Topics covered include notation, intervals, scales, rhythm, and meter. Elementary ear training and basic keyboard harmony are also incorporated. This course is the equivalent of MUS 1430 for music majors, but is specifically designed for non-music majors and music minors who have limited to no experience reading music.

MUA 1500 Jazz: Its Origins, Styles, and Influence

CREDIT HOURS 3.0

DESCRIPTION Study of the development of jazz from its origins to current trends, including stylistic periods such as New Orleans, swing, bop, cool, avant-garde, and fusion. Emphasis on evolution of form, improvisational style, and influential artists.

MUA 1600 Beginning Voice for Non-Music Majors

CREDIT HOURS 2.0

DESCRIPTION The class introduces the student to beginning vocal technique in such areas as posture, breathing, exercises, correct vowel formation, diction, rhythm, and pitch. The course also includes instruction in practicing and preparing songs to perform. Counts only in the Associates degree program.

MUA 1700 Beginning Piano for Non-Music Majors

CREDIT HOURS 2.0

DESCRIPTION Two lectures per week. A unified approach to beginning piano study. Skill development in reading music, harmonizing simple tunes, and improvising and transposing. Learning of simple solo and ensemble pieces as well as developing a good technical approach to the keyboard.

MUA 1800 Introduction to Guitar: Technique, Methods, and Styles

CREDIT HOURS 2.0

DESCRIPTION Principles of guitar performance, including folk, blues, rock, and classical styles. Chords and finger-picking. No prior experience necessary. Acoustic guitar required.

MUA 1900 Dramatic Music from the Renaissance through the Twentieth Century

CREDIT HOURS 3.0

DESCRIPTION For the general college student. A basic history of opera and musical theatre through lecture and listening. Ability to read music is not required.

MUA 1930 Music, Society, and Culture

CREDIT HOURS 3.0

DESCRIPTION The role of music, including its basic elements, forms, styles, and media, in major compositions of representative composers of each major period. Interactive lectures, performance demonstrations, concerts, listening, and participation. No prior musical experience required.

MUA 1950 Popular and Folk Music of the World

CREDIT HOURS 2.0

DESCRIPTION Music acquires its meaning from culture. This introductory course is designed to explore a sampling of the world's musics and so as to understand their meanings within their unique cultural contexts. Global Perspectives Course.

MUA 1970 Rhythm 'N' Blues, Rock and Rap

CREDIT HOURS 3.0

DESCRIPTION Origin and development of contemporary popular music, with a focus on rhythm 'n' blues, rock and rap music.

MUA 3059 University Basketball Band

CREDIT HOURS 1.0

DESCRIPTION Repertoire, performance, and technique for enhancing school spirit and university athletic activities. Open to all university students who can perform at required level on an appropriate instrument. Audition required.

MUA 3500 Jazz: Its Origins, Styles, and Influence

CREDIT HOURS 3.0

DESCRIPTION Study of the development of jazz from its origins to current trends, including stylistic periods such as New Orleans, swing, bop, cool, avant garde, and fusion. Emphasis on evolution of form, improvisational style, and influential artists.

MUA 3800 Introduction to Guitar: Technique, Methods, and Styles

CREDIT HOURS 2.0

DESCRIPTION Principles of guitar performance, including folk, blues, rock, and classical styles. Chords and finger-picking. No prior experience necessary. Acoustic guitar required.

MUA 3810 History of African-American Music

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 3810.) Musical and sociological survey of the origins and development of African-American music from its beginnings in Africa to its enculturation into the music of the Americas. Black folk music, blues, jazz, popular, religious, classical Black tradition, and performance practices will be discussed.

MUA 3900 Dramatic Music from the Renaissance through the Twentieth Century

CREDIT HOURS 3.0

DESCRIPTION For the general college student. A basic history of opera and musical theatre through lecture and listening. Ability to read music is not required.

MUA 3930 Music, Society, and Culture

CREDIT HOURS 3.0

DESCRIPTION The role of music, including its basic elements, forms, styles, and media, in modern culture. Interactive lectures, performace demonstrations, concerts, listening, and participation, including web-based learning. No prior musical experience required.

MUA 3950 Poplular and Folk Music of the World Music

CREDIT HOURS 2.0

DESCRIPTION Music acquires its meaning from culture. This introductory course is designed to explore a sampling of the world's musics and so as to understand their meanings within their unique cultural contexts.

MUA 3970 Rhythm 'N' Blues, Rock and Rap

CREDIT HOURS 3.0

DESCRIPTION Origin and development of contemporary popular music, with a focus on rhythm 'n' blues, rock and rap music.

MTM 3010 Introduction to the Music Industry

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 with grade of C or higher

DESCRIPTION Overview of music industry with emphasis on terminology, bibliographic materials, writing, and key concepts. Investigation of multiple career opportunities. Beginning instruction in music industry promotional methods.

MTM 3020 Promotion of Recorded Music

CREDIT HOURS 3.0

PREREQUISITES MTM 3010 with grade of C or higher

DESCRIPTION Examines the environment in which record company promotion representatives operate and the techniques used to gain media exposure for their company's product. Emphasis on understanding the various radio formats and their agendas and preparing presentations that will have an impact on programming decisions.

MTM 3030 Marketing and Branch Sales in the Music Industry

CREDIT HOURS 3.0

PREREQUISITES MTM 3010 with grade of C or higher

DESCRIPTION Introduction to the principles and methods of wholesaling, retailing, distribution, and promotion in the recording, print, and music-products industries. Day-to-day management of branch operations and the coordination of departments.

MTM 3040 Practicum

CREDIT HOURS 2.0

PREREQUISITES MTM 3010 with grade of C or higher, or consent of MTM faculty

DESCRIPTION Part-time supervised field experience in an approved music technology or management setting. This course may include a Signature Experience component.

MTM 3050 Legal Aspects of the Music Industry

CREDIT HOURS 3.0

PREREQUISITES MTM 3010 with grade of C or higher

DESCRIPTION Copyrights, contracts, and legal considerations in recording, producing, artist representation, retail, and other areas of the music industry. Examination of well-known legal cases pertaining to the music industry.

MTM 3080 Internship

CREDIT HOURS 6.0

PREREQUISITES Consent of MTM faculty

DESCRIPTION Full-time internship in a music technology or management setting. May be repeated for credit. This course may include a Signature Experience component.

MTM 3110 Introduction to Audio Recording

CREDIT HOURS 4.0

PREREQUISITES MTM 3010, MUS 2450, and PHYS 2030 with grades of C or higher and consent of instructor

DESCRIPTION Introduction to modern recording techniques and applications of recorded sound. Historic overview of recording focusing on development of consoles, tape machines, and related equipment. Psychophysics of sound and musical psychoacoustics as they relate to audio recording, including critical listening skills. Introduction to the laboratory recording equipment and techniques. Required laboratory work. Two lecture and two laboratory hours.

MTM 3120 Digital Audio Technology and Recording Techniques

CREDIT HOURS 4.0

PREREQUISITES MTM 3110 with a grade of C or higher and consent of instructor

DESCRIPTION Studio-based introduction to the vocabulary, techniques, and procedures used in professional recording environments. Audio theory, introduction to digital audio science, psychoacoustics, console operation, advanced microphone techniques, monitor systems, noise reduction, and analysis of association equipment and technical usage. Required laboratory work. Two lecture and two laboratory hours.

MTM 3130 Advanced Topics in Recording and Audio Production

CREDIT HOURS 4.0

PREREQUISITES MTM 3120 with a grade of C or higher and consent of instructor

DESCRIPTION Studio-based application of recording techniques including musical judgments in audio mixing, recording production, and post-production. Editing, mastering, and master recording preparation. Laboratory training in techniques for high-quality audio recording commensurate with commercial and artistic standards. Creation of a professional audio product through the development of independent recording sessions including selection of material and final editing and mastering. Required laboratory work. Two lecture and two laboratory hours.

MTM 3230 Audio Post-Production

CREDIT HOURS 4.0

PREREQUISITES MTM 3110 with grade of C or higher and consent of instructor

DESCRIPTION Introduction to the digital audio workstation as the central tool for audio post-production. Emphasis on random access editing for master preparation, applications to the broadcast fields, and related topics. Introduction to audio forensics and digital sign processing for sound reconstruction and enhancement. Introduction to compact-disc mastering. Digital filter theory, time-frequency manipulations, and software for audio post-production are also covered. Three lecture hours and three laboratory hours.

MTM 3300 Copyright and Music Publishing

CREDIT HOURS 3.0

PREREQUISITES MTM 3010 with grade of C or higher

DESCRIPTION An examination of the processes of songwriting and music publishing. Co-publishing and administration, performance and mechanical royalties, copyright law, income sources, contractual agreements, licensing, and foreign rights will be covered. Emphasis will be placed on how music publishing works in the print, broadcast media, film, video, recording and advertising industries.

MTM 3440 Entrepreneurship in the Music Industry

CREDIT HOURS 2.0

PREREQUISITES MTM 3010 with grade of C or higher

DESCRIPTION Decision-making for starting a business; emphasis on business organization. Accounting methods, royalty statements, balance and income sheets, cash flow, operational and regulatory taxes, break-even analysis financing, project/financial/acquisition forecasting, touring and artist entity operations; creation of a business plan; topics include record labels, video, publishing, promotion, retail store, and recording studio business. Critical Thinking Through Writing (CTW) course.

MTM 3450 Artist Representation

CREDIT HOURS 2.0

PREREQUISITES MTM 3010 with grade of C or higher

DESCRIPTION Responsibilities of the personal and business manager, booking agent, and other representatives as they relate to the development of artists' careers; topics include contract negotiation, promotional packages, and securing employment.

MTM 4900 Music Technology Final Project

CREDIT HOURS 3.0

PREREQUISITES MTM 3120 with grade of C or higher, and consent of instructor

DESCRIPTION Culminating project in music technology developed with faculty guidance.

MTM 4910 Music Management Senior Project

CREDIT HOURS 1.0

PREREQUISITES Consent of MTM faculty

DESCRIPTION Culminating project for students in the music management concentration.

NSCI 3001 Integrated Science I: Physics and Astronomy

CREDIT HOURS 3.0

DESCRIPTION Integrated science sequence for middle school teachers. Description and causes of motion; work, energy and power; heat and the laws of thermodynamics; electricity and magnetism; waves and electromagnetic radiation; the structure of matter; cosmology; the Earth and other planets. An integrated laboratory is included.

NSCI 3002 Integrated Science II: Chemistry and Geology

CREDIT HOURS 3.0

DESCRIPTION Integrated science sequence for middle school teachers. Matter; atoms and atomic structure; chemical bonds; acids and bases; oxidation and reduction; organic; minerals; rocks and the rock cycle/geochemical cycles; plate tectonics. An integrated laboratory is included.

NSCI 3003 Integrated Science III: Geology and Biology

CREDIT HOURS 3.0

DESCRIPTION Integrated science sequence for middle school teachers. Surficial processes/hydrologic cycle; ecology, ecosystems, and the environment; strategies of life; molecules of life; the living cell; classical and modern genetics; geologic time; evolution. An integrated laboratory is included.

NEUR NEUROSCIENCE

NEUR 2000 Introduction to Neuroscience

CREDIT HOURS 3.0

DESCRIPTION This course explores how nervous systems work using fundamental concepts gained from experiments in humans and non-human animal models. Topics include how nervous system cells work, how animalsâ brains are structured, how sensory stimuli are sensed and perceived, how the nervous system generates animal and human behavior, cognition, and emotion, and the impact of drugs and diseases on nervous systems. Topics are explored with lectures, in-class activities, critiques of popular media related to neuroscience, and faculty research presentations on diverse topics.

NEUR 2010 Professional Development in Neuroscience

CREDIT HOURS 2.0

DESCRIPTION Exploration and practice of the professional skills necessary for education, research, and career opportunities in neuroscience. This course includes discussion of ethics in research, careers in neuroscience, and professional communication. Students will develop the critical proficiencies that will accelerate their entry into the professional world, including curriculum vitae building, interview skills, and the creation of academic slide presentations.

NEUR 3000 Principles of Neuroscience I

CREDIT HOURS 4.0

PREREQUISITES BIOL 2108K with a grade of C or higher

DESCRIPTION Students may enroll concurrently with BIOL 2108K with a GPA of 3.3 or higher. Introduction to essential principles of neuroscience, including structure and function of the nervous system, molecular and physiological mechanisms of neuronal communication, sensory perception, and motor control.

NEUR 3001 Principles of Neuroscience II

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000 with a grade of C or higher

DESCRIPTION Continued exploration of the essential principles of neuroscience. Topics include neurodevelopment, and the neural basis of sleep, motivation, emotion, cognition, memory, and mental illness.

NEUR 3020 The Scientific Method in Neuroscience-CTW

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000 with a grade of C or higher

DESCRIPTION Engages students in research design, data analysis and scientific communication for advanced courses and professional development in science. Assignments emphasize logical argumentation and writing. Serves as the Critical Thinking through Writing (CTW) course required of all Neuroscience majors. This course may include a Signature Experience component.

NEUR 3690 Honors Readings

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and readings on selected topics.

NEUR 4000 Neuroscience Laboratory

CREDIT HOURS 4.0

PREREQUISITES NEUR 3020 with a C or higher

DESCRIPTION Research techniques in neuroscience, including behavioral analysis, extracellular electrophysiology, molecular and cellular neuroscience, fluorescence microscopy, neuroanatomy, immunocytochemistry, and neuroethology. Required for Neuroscience majors. This course may include a Signature Experience component.

NEUR 4010 Cellular and Molecular Neuroscience

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000 or BIOL 4102, with a grade of C or higher

DESCRIPTION Advanced exploration of cellular and molecular function in neurons and glia. Topics include excitable membranes and cells, ion channels and receptors, synaptic transmission and plasticity, neural development, and molecular bases of neurological diseases. Cross-listed with: BIOL 4100.

NEUR 4020 Cognitive Neuroscience

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000 or BIOL 4102, with a grade of C or higher

DESCRIPTION Covers the neural basis of cognition, learning, emotion, memory and language, as well as the methods used to investigate these topics. Cross-listed with: PSYC 4105.

NEUR 4030 Computational Neuroscience

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000 or BIOL 4102, and MATH 2201, all with a grade of C or higher

DESCRIPTION A project-based course focused on building and testing computational models of neurons, networks, and neural circuits that mediate animal behavior. Cross-listed with: BIOL 4030.

NEUR 4040 Neuroethology

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000 or BIOL 4102, with a grade of C or higher

DESCRIPTION The neural basis of natural animal behavior. This course covers sensorimotor coding of behavior in a diverse array of animals including bats, owls, electric fish, and songbirds. It provides a unique perspective for students who want to understand the general principles underlying neural control of behavior. Developmental, evolutionary, systems, and comparative approaches are emphasized. Students will read classic papers as well as cutting-edge primary literature. Cross-listed with: BIOL 4040.

NEUR 4050 Statistics for Neuroscience

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000 or BIOL 4102, with a grade of C or higher

DESCRIPTION Introduction to research design, data analysis, and scientific communication as applied to neuroscience research questions. Topics include fundamentals of hypothesis testing and research design, descriptive data collection techniques, and data analysis and interpretation using correlation, regression, t-tests, and univariate design.

NEUR 4060 Neurophysiology

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000 or BIOL 4102, with a grade of C or higher

DESCRIPTION The physiology of nervous systems, including the physiological bases of excitability, synaptic transmission and integration, sensory and motor processing, and behavioral choice. Current experimental and computational approaches to neurophysiological questions will be discussed.

NEUR 4070 Sensory Neuroscience

CREDIT HOURS 3.0

PREREQUISITES NEUR 3000 or BIOL 4102 or PSYC 4110, with a grade of C or higher

DESCRIPTION The neurobiology of vision, audition, somatosensation (touch and pain), and chemosensation (taste and smell) will be covered. Cross-listed with: BIOL 4070.

NEUR 4080 Clinical Neuroscience

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000 or BIOL 4102, with a grade of C or higher

DESCRIPTION This course will examine the neurobiological basis of mental disorders such as depression and schizophrenia as well as the neurodegenerative conditions of Parkinsonâ⊠⊠s and Alzheimerâ⊠⊠s Diseases. Additional topics include psychoneuroimmunology, stress and coping, the role of genetics and epigenetics in neurological and neuropsychiatric disorders, and the role of gut microbes in health and disease. Cross-listed with: BIOL 4080.

NEUR 4099 General Credit

CREDIT HOURS 1.0 - 3.0

DESCRIPTION This course may include a Signature Experience component.

NEUR 4100 Developmental Neurobiology

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000 or BIOL 3800, with a grade of C or higher

DESCRIPTION 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. Cross-listed with: BIOL 4094.

NEUR 4115 Medical Neuroanatomy

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000 or BIOL 3840, with a grade of C or higher

DESCRIPTION Human brain and spinal cord functional neuroanatomy and associated pathologies. Cross-listed with: BIOL 4115.

NEUR 4150 Drugs and the Nervous System

CREDIT HOURS 3.0

PREREQUISITES NEUR 2000 or NEUR 3000; or PSYC 1100 and PSYC 2050, all with a grade of C or higher

DESCRIPTION This course provides 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. Cross-listed with: PSYC 4050.

NEUR 4200 Neuroscience of Memory

CREDIT HOURS 3.0

PREREQUISITES NEUR 3000 or BIOL 4102 or PSYC 4110, with a grade of C or higher

DESCRIPTION An introduction to the neural bases of memory. The course begins with a review of the historical background, experimental methods, and relevant principles of neuroscience. The neuroscience of memory will then be reviewed at different levels of biological organization, including molecular/cellular, neural circuit, neural system, and behavioral. Cross-listed with: BIOL 4200 & PSYC 4200.

NEUR 4250 Neuroscience of Motivation and Emotion

CREDIT HOURS 3.0

PREREQUISITES NEUR 3000 or BIOL 4102 or PSYC 4110, with a grade of C or higher

DESCRIPTION An examination of how the nervous system generates motivation and emotional states in diverse species, including humans. Topics include neural mechanisms of thirst and hunger, defense and fear, and social behavior, as well as disorders of emotion and motivation. Cross-listed with: BIOL 4210 & PSYC 4250.

NEUR 4330 Functional Neuroimaging

CREDIT HOURS 3.0

PREREQUISITES Consent of instructor

DESCRIPTION Three lectures hours a week. Foundations of physics principles applied to brain processes, different imaging modalities, and neuroimaging data analysis methods. Topics include physiological basis of functional neuroimaging, physics of different imaging modalities (fMRI, PET, EEG, MEG, fNIR, TMS), experimental design, neuroimaging data analysis, and applications in cognitive neuroscience. This course is appropriate for graduate students in physics, chemistry, biology, neuroscience, psychology, mathematics, statistics, and computer science with an interest in the use of functional neuroimaging. Cross-listed with: PHYS 4710.

NEUR 4340 Neurophysics

CREDIT HOURS 3.0

PREREQUISITES NEUR 3000 or BIOL 4102, and PHYS 2212K, all with grade of C or higher

DESCRIPTION Course provides fundamental findings of physics of neuronal systems. The course covers such topics as introduction to biomechanics, membranes, transport, electroosmotic effects, ion pumping, cellular homeostasis, the Hodgkin-Huxley formalism, energetics of spiking, neural coding, and dynamics of neurons and neuronal networks. It also covers methods of recording of neuronal activity. Cross-listed with: PHYS 4340 & BIOL 4340.

NEUR 4350 Numerical Methods for Neuroscience

CREDIT HOURS 3.0

PREREQUISITES NEUR 3000 and MATH 2201 or MATH 2211, all with a grade of C or higher

DESCRIPTION This class develops hands-on practical skills in numerical problem solving for dynamical systems models applied to neuroscience. Students will design and test complex scientific calculations using various software tools, including the application of bifurcation analysis, phase plane analysis, and simulation tools.

NEUR 4360 Mathematical Biology

CREDIT HOURS 3.0

PREREQUISITES MATH 2212 or MATH 2202, with a grade of C or higher

DESCRIPTION This course provides an introduction to the use of continuous and discrete differential equations in the biological sciences. Biological topics will include single species and interacting population dynamics, modeling infectious and dynamic diseases, regulation of cell function, molecular interactions and receptor-ligand binding, biological oscillators, and an introduction to biological pattern formation. There will also be discussions of current topics of interest such as Tumor Growth and Angiogenesis, HIV and AIDS, and Control of the Mitotic Clock. Mathematical tools such as phase portraits, bifurcation diagrams, perturbation theory, and parameter estimation techniques that are necessary to analyze and interpret biological models will also be covered. Cross-listed with: MATH 4010 & BIOL 4010.

NEUR 4370 Applied Dynamical Systems

CREDIT HOURS 3.0

PREREQUISITES NEUR 3000 or MATH 2201 or MATH 2211, with a grade of C or higher

DESCRIPTION Introduction to discrete and continuous dynamical systems. Topics include: phase space; linear and nonlinear systems; structural stability; classification of equilibrium states, invariant manifolds; Poincar maps, fixed points and period orbits; stability boundaries; local bifurcations; homoclinic orbits; routes to chaos in dissipative systems; applications from physics, biology, population dynamics, economics. Cross-listed with: MATH 4275.

NEUR 4420 Hormones and Behavior

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000 or BIOL 3840, with a grade of C or higher

DESCRIPTION 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. Cross-listed with: BIOL 4241 & PSYC 4630.

NEUR 4576 Neurovirology

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000 or BIOL 3800, with a grade of C or higher

DESCRIPTION Following an introduction to basic neuroanatomy and neuroimmunology, individual lectures will focus on the diagnosis, treatment, and pathogenesis of several neurologic diseases of virus origin. These include encephalitis, meningitis, chronic inflammatory and demyelinating diseases, HIV/AIDS-associated dementia, peripheral neuropathies, retinitis, and transmissible spongiform encephalopathies caused by prions. The concept of virus latency within the nervous system will be emphasized, as will the possible contributions of viruses or prions toward the onset of Alzheimerâ⊠⊠s disease. Cross-listed with: BIOL 4576.

NEUR 4610 Neurorobotics

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000 or BIOL 4102 with a grade of C or higher

DESCRIPTION This course will examine how the principles of neuroscience enable animals and humans to respond adaptively, and how the principles can be applied to create an autonomous, adaptively behaving robot. Students will apply these principles to create their own computational model of an animal or autonomous robot that can respond adaptively to challenges in its environment.

NEUR 4700 Neural Plasticity

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000 or BIOL 4102, with a grade of C or higher

DESCRIPTION Phenomenology and mechanisms of experience-dependent changes in the nervous system. The course will examine plasticity at many levels of analysis, from synaptic mechanisms to clinical strategies, and from molecular neuroscience to cognitive psychology.

NEUR 4770 Moral Psychology

CREDIT HOURS 3.0

PREREQUISITES NEUR 3000 and one 2000 or 3000-level philosophy course, all with a grade of C or higher

DESCRIPTION The course also examines the rich historical literature in philosophy and psychology that sets the stage for the modern debates. Cross-listed with: PHIL 4770.

NEUR 4780 Neuroethics

CREDIT HOURS 3.0

PREREQUISITES NEUR 3000 and one 2000- or 3000-level philosophy course, all with a grade of C or higher

DESCRIPTION Neuroethics considers ethical protocols for conducting neuroscientific research and addressing the ethical implications of emerging neuroscience technologies that allow, for instance, cognitive enhancement and direct manipulation of the brain. Cross-listed with: PHIL 4780.

NEUR 4870 Honors Thesis: Research

CREDIT HOURS 3.0 - 6.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

NEUR 4880 Honors Thesis: Writing

CREDIT HOURS 3.0

PREREQUISITES NEUR 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

NEUR 4900 Advanced Neuroscience Laboratory

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000 and NEUR 4000 with a grade of C or higher

DESCRIPTION Students participate in ongoing original neuroscience research projects, as determined by the course instructor(s). Throughout the semester, students work in small groups to conduct experiments of significance. This work provides extensive hands-on experience with advanced neuroscience methods that test hypotheses relevant to contemporary neuroscience. Students also present and discuss their data as part of class-wide discussion groups. Research areas include (but are not limited to): computational aspects of dynamical systems, molecular basis of disease, physiology of sensory systems, neural development, adult neurogenesis, psychopharmacology, behavioral neuroendocrinology, learning and memory, and the neural basis of cognition.

NEUR 4910 Topics in Neuroscience

CREDIT HOURS 1.0 - 4.0

PREREQUISITES NEUR 3000 with a grade of C or higher

DESCRIPTION An in-depth treatment of a specific topic in neuroscience, using this topic to develop skills in research design, data analysis, and written communication.

NEUR 4920 Internship in Neuroscience

CREDIT HOURS 2.0

PREREQUISITES Consent of instructor

DESCRIPTION Students receive hands-on experience in activities that promote knowledge and skills related to the field of neuroscience. Specific topics available each semester will vary. May be taken for credit a maximum of two times. This course may include a Signature Experience component.

NEUR 4930 Internship in Science Education

CREDIT HOURS 2.0

DESCRIPTION Prerequisites:Consent of instructor. Students engage in the field of science education by studying pedagogy, designing curricula, teaching for informal science education programs, and/or helping to evaluate learner-centered outcomes. Specific topics and programs of focus will vary. May be taken for credit a maximum of two times. This course may include a Signature Experience component.

NEUR 4950 Supplemental Laboratory in Neuroscience

CREDIT HOURS 1.0

PREREQUISITES Consent of instructor

DESCRIPTION This course provides hands-on experience with current methodologies for basic and applied neuroscience research. Specific topics available each semester will vary, as the labs generally will accompany 4000-level lecture courses. May be taken for credit a maximum of four times. This course may include a Signature Experience component.

NEUR 4980 Undergraduate Research in Neuroscience

CREDIT HOURS 1.0 - 5.0

PREREQUISITES Consent of instructor

DESCRIPTION Independent laboratory investigation of common interest to student and instructor. May be repeated once. For Neuroscience majors and minors. This course may include a Signature Experience component.

NEUR 4999 Directed Readings in Neuroscience

CREDIT HOURS 1.0 - 6.0

PREREQUISITES Consent of instructor

DESCRIPTION This course provides the opportunity for students to focus attention on a specific area of interest in neuroscience. It may not be used to substitute for a course that is offered on a regular basis. This course may include a Signature Experience component. For Neuroscience majors only.

NURS 2010 Health and Human Development Across the Lifespan

CREDIT HOURS 3.0

DESCRIPTION This course focuses on development and health concepts across the lifespan with the context of physical, cognitive, social, and emotional domains.

NURS 2030 Summer in the City: So You Want To Be A Nurse

CREDIT HOURS 2.0

DESCRIPTION This elective course is designed to provide students who have an interest in becoming a Registered Nurse with a glimpse into the profession. Students will spend time learning about some of the roles and functions of a registered professional nurses through guest lectures, interactive discussions, and an opportunity to have hands on time with simulated activities related to patient care.

NURS 2040 Conceptual Foundations of Nursing and Trends

CREDIT HOURS 1.0

PREREQUISITES Admission to the School of Nursing, Biology 2110K, Biology 2120K, English 1101, English 1102, Chemistry 1151K, Chemistry 1152K, MATH 1111, Psychology 1101

DESCRIPTION The course is an introduction to the nursing profession which provides the student with requisite knowledge that subsequent nursing courses build upon. It is designed to facilitate the studentâ⊠⊠s acquisition of knowledge and understanding regarding the profession. Topics will include historical influences, current issues ethical issues, trends, professionalism, governance, and nursing theorists.

NURS 2060 Pathophysiological Concepts in Nursing

CREDIT HOURS 3.0

PREREQUISITES Admission to the nursing program, BIOL [2110K], BIOL 2120K, two semesters of a general lab science, BIOL[2300/2310]

COREQUISITES NURS 2040

DESCRIPTION The course will focus on pathophysiological processes of common diseases and will be organized by body system. An understanding of normal physiology concepts is essential for successful completion of the course.

NURS 2061 Pharmacology

CREDIT HOURS 3.0

PREREQUISITES BIOL 2110K,BIOL 2120K, two semesters of a general lab science, [BIOL 2300/2310] and acceptance into the nursing program

COREQUISITES NURS 2040, NURS 2060

DESCRIPTION This course is designed to introduce the student to the basic principles of pharmacotherapeutics, pharmacodynamics and pharmacokinetics, in order to equip the student to safely administer drugs, assess drug therapy and educate clients in all clinical settings.

NURS 2080 Basic Concepts of Nursing Care

CREDIT HOURS 3.0

COREQUISITES NURS2040, NURS2060, NURS2061, NURS2160

DESCRIPTION Prerequisite for all nursing students: Acceptance into the nursing program. This course will examine the nurseâ⊠⊠s role in health promotion, disease prevention, and restoration of health. In various settings, students will explore the basic concepts of nursing care across the life span. The nursing process will be utilized to plan care for common clinical phenomena.

NURS 2160 Basic Health Assessment and Nursing Skills

CREDIT HOURS 6.0

PREREQUISITES acceptance into the nursing program

COREQUISITES NURS 2040, NURS 2060, NURS 2061, NURS 2080 and CNHP 3000

DESCRIPTION The course is designed to facilitate the studentâ⊠⊠s acquisition of both health assessment and basic nursing skills and mastery of basic drug calculations. It is composed of three distinct components: health assessment and basic skills theories, and laboratory/clinical performance. In order to pass the course students must pass all three components. Under faculty supervision, the student develops and refines professional practice. (4 hrs didactic credit; 2 hrs clinical credit [90 clinical contact hrs]).

NURS 2220 Verification of Nursing Knowledge and Nursing and Health Assessment Skills

CREDIT HOURS 1.0 - 3.0

PREREQUISITES NURS 2160 or equivalent

DESCRIPTION This course focuses on assisting pre-licensure students to prepare for verification of previous nursing knowledge and/or nursing skills so they can re-enter or transfer in to the undergraduate program in the Byrdine F. Lewis School of Nursing (BFLSON). The student and faculty will determine the appropriate credit hour allocation based on previous nursing courses completed and the nursing knowledge and/or nursing skills that need to be confirmed.

NURS 3060 Pathophysiology for Professional Nursing Practice for RNs

CREDIT HOURS 3.0

PREREQUISITES Acceptance to the RN-BS program

DESCRIPTION This course is designed to facilitate the professional Nurseâ⊠⊠s understanding of selected pathophysiological concepts and their relationship to nursing care of clients. The course will build on previously learned principles of basic anatomy and physiology. Selected pathophysiological principles will be applied to various disease states with an emphasis on the relationship between these concepts and the nursing care of clients.

NURS 3200 Introduction to Clinical Nutrition

CREDIT HOURS 2.0

PREREQUISITES BIOL 2110K & BIOL 2120K

DESCRIPTION This course focuses on the study of basic principles of human nutrition and application, within the concepts of wellness, primary prevention, and illness. The course is designed for students in the nursing program.

NURS 3300 Human Services Policy, Planning and Trends

CREDIT HOURS 3.0

PREREQUISITES NURS 2040, NURS 2060, NURS 2061, NURS 2080, NURS 2160

DESCRIPTION This course focuses on the complex forces that influence health policy and program planning. Emphasis is placed on ecological, economic, ethical, legal, and social issues. The role of the nurse as an advocate for the civil and social rights and health care issues of the public is addressed.

NURS 3310 Policy, Planning and Trends for RNs

CREDIT HOURS 3.0

PREREQUISITES Admission to the RN-BS Completion Program

DESCRIPTION This course focuses on the complex forces that influence Public policy and program planning. Emphasis is placed on ecological, political, economic, and social issues and the role of the practitioner as advocate for the civil and social rights of the public. These components provide insight into future trending, forecasting and program planning in the public sector.

NURS 3490 Professional Nursing Concepts for RNs

CREDIT HOURS 2.0

PREREQUISITES Acceptance to the RN-BS program

DESCRIPTION This course is designed to enhance the Registered Nurseâ⊠⊠s perception of the role of the professional practitioner in meeting the health needs of society. Selected issues and trends in nursing will be examined and their relationship to professional nursing practice will be analyzed. Topics will include a wide range of selected issues driven by the current professional and social environment. Graduates of diploma nursing and associates degree programs will be awarded college credit for successful validation of the basic nursing knowledge as part of this course.

NURS 3500 Research Methods

CREDIT HOURS 3.0

COREQUISITES NURS3610, NURS3710

DESCRIPTION This course will examine evidence-based practice research in the provision of patient-centered care. Students will gain an overview of major research concepts as applied to health care. Emphasis is placed on critical evaluation of published and empirical research.

NURS 3510 Caring for Adult Populations

CREDIT HOURS 6.0

PREREQUISITES NURS 2010, NURS 2040, NURS 2060, NURS 2061, NURS 2080, NURS 2160, and CNHP 3000

COREQUISITES NURS 3200

DESCRIPTION The course focuses on the nursing knowledge and skills needed to care for adults in acute care settings with the goals of assisting individuals and their families in promotion, maintenance, and restoration of optimal patterns of health. Under faculty supervision, the student develops and refines professional practice.

NURS 3520 Research Methods for RNs

CREDIT HOURS 3.0

PREREQUISITES Acceptance to the RN-BS program

DESCRIPTION This course is designed to provide the Registered Nurse with an overview of the major research concepts as applied to theprofession of nursing. Emphasis is on how to critically evaluate and apply published and empirical research. Serves as one of the two Critical Thinking through Writing (CTW) courses required of all nursing majors.

NURS 3610 Caring for Childbearing Families

CREDIT HOURS 5.0

PREREQUISITES NURS 2010, NURS 3200, NURS 2040, NURS 2060, NURS 2061, NURS 2080, NURS 2160, CNHP 3000, NURS 3510, NURS 3810

COREQUISITES NURS 3500 or CNHP 3500

DESCRIPTION The course focuses on the application of nursing knowledge and skills in the care of women and childbearing families. The goal is to foster health promotion, maintenance, and/or restoration of optimal patterns of health. Emphasis is given to early detection and intervention of altered health patterns for women throughout their lifespan and during the childbearing period. Under faculty supervision, the student develops and refines professional practice. (3 hrs didactic credit; 2 hrs clinical credit [90 clinical contact hrs]).

NURS 3710 Caring for Children and Adolescents

CREDIT HOURS 5.0

PREREQUISITES NURS 2010, NUTR 3200, NURS 2040, NURS 2060, NURS 2061, NURS 2080, NURS 2160, SNHP 3000, NURS 3510, NURS 3810

COREQUISITES NURS 3500 or SNHP 3500

DESCRIPTION The course focuses on the application of nursing knowledge and skills needed to safely care for children and their families. The goal is to foster health promotion, maintenance, and/or restoration of optimal patterns of health. Under faculty supervision, the student develops and refines professional practice. (3 hrs didactic credit; 2 hrs clinical credit [90 clinical contact hrs]).

NURS 3730 Pediatric Specialty Nursing

CREDIT HOURS 3.0

PREREQUISITES NURS 3710

DESCRIPTION This elective course is designed to provide opportunities for students to better understand the multiple specialty roles of pediatric nursing in the acute and ambulatory settings. Through didactic material and clinical experiences, the student will have the opportunity to learn and demonstrate the clinical skills needed for providing safe, family centered care in a variety of pediatric specialty sites. The student will apply concepts of evidence-based practice, quality and patient safety, and nursing role delineation across various pediatric settings.

NURS 3810 Psychiatric/Mental Health Care for Populations

CREDIT HOURS 5.0

PREREQUISITES NURS 2010, NURS 2040, NURS 2060, NURS 2061, NURS 2080, NURS 2160, CNHP 3000and PSYC 3140

COREQUISITES NURS 3200

DESCRIPTION The course focuses on the application of nursing knowledge and skills in the care of individuals whose health patterns are associated with mental illness. The course builds upon requisite knowledge of therapeutic use of self, knowledge and application of the nursing process, principles and concepts of cultural diversity, communication theory, and psychopharmacology. The major focus of the clinical component is on developing the studentâ⊠⊠s ability to provide evidence-based patient-centered care in a holistic manner to individuals whose health patterns are associated with mental illness. Under faculty supervision, the student develops and refines professional practice (3 hrs didactic credit; 2 hrs clinical credit [90 clinical contact hrs]).

NURS 3980 Health Assessment for RNs

CREDIT HOURS 2.0

PREREQUISITES Acceptance to the RN-BS program

DESCRIPTION This course builds on the Registered Nurse's knowledge and clinical experience in developing comprehensive health and physical assessment skills. Emphasis will be placed on the use of critical thinking skills in the differentiation of normal and abnormal physical findings. The course will also focus on interviewing patients and obtaining health histories.

NURS 4000 Global Health: Clinical and Community Care

CREDIT HOURS 3.0

PREREQUISITES NURS 2040, NURS 2061, NURS 2080, NURS 2160, NURS 3510, NURS 3810

COREQUISITES NURS 3610, NURS 3710

DESCRIPTION This course provides a historical, cultural and sociopolitical perspective of health and health care in Central America. Students will increase their knowledge of different cultures, health care and differing health care systems. Within this context, students will focus on individualsâ health, the health of the communities in which they live, and how the health of the community impacts the health of the individual. Students will apply evidence-based nursing practice to the goal of improving health at the individual and population levels through an emphasis on health promotion, disease prevention and health education. Under faculty supervision, students develop and refine clinical practice. Successful completion of this course serves as a prerequisite for the study abroad trip to Nicaragua.

NURS 4040 Directed Readings

CREDIT HOURS 1.0 - 3.0

PREREQUISITES consent of the instructor

DESCRIPTION The course provides the student with an opportunity to complete readings and/or literature review on a special topic in nursing under the guidance of an instructor with expertise in the selected topic area. The student may elect to complete one to three credit hours of study.

NURS 4210 Introduction to Critical Care

CREDIT HOURS 3.0

PREREQUISITES NURS 3510 and NURS 3810

COREQUISITES NURS 3610 and NURS 3710

DESCRIPTION This course focuses on nursing care of critically ill patients and families. Emphasis is placed on day-to-day knowledge required of a critical care nurse, such as assessments and interventions related to pathophysiology, pharmacology and technology.

NURS 4400 Introduction to Trauma

CREDIT HOURS 2.0

PREREQUISITES Senior undergraduate student

DESCRIPTION This course will introduce the four major categories of trauma and the traumatic response. The course will be tailored to examine the complete spectrum of trauma: signs and symptoms of the traumatic response; evidence based research regarding recognition, response and treatment of trauma with a holistic paradigm; and the role of early intervention and community tools in both prevention and response to trauma. This course is designed for senior level undergraduate students and masterâs level students.

NURS 4510 Caring for Families and Communities

CREDIT HOURS 5.0

PREREQUISITES NURS 3510, NURS 3610, NURS 3710, NURS 3810, NURS 3500 or CNHP 3500 for undergraduate pre-liscensure students

DESCRIPTION Prior to Master's work for RN-MS students. The course focuses on the acquisition and application of evidenced-based nursing practice with the goal of improving health at the individual and population levels. Emphasis is placed on health promotion and disease and injury prevention in collaboration with the client and key stakeholders. Under faculty supervision, the student develops and refines professional practice (3 hrs didactic credit; 2 hrs clinical credit [90 clinical contact hrs]). This course may include a Signature Experience component.

NURS 4600 Leadership and Management in Nursing

CREDIT HOURS 3.0

PREREQUISITES NURS 3500 or SNHP 3500, NURS 3510, NURS 3610, NURS 3710 and NURS 3810

DESCRIPTION (Critical Thinking Through Writing). This course focuses on the transition from the student role to the professional nurse role and the application of principles of leadership and management in health care delivery systems. Emphasis is placed upon the student assuming responsibility for nursing practice decisions and actions. This class has been identified by the Byrdine F. Lewis School of Nursing and Health Professions as a Critical Thinking through Writing course (CTW) for the nursing major.

NURS 4610 Senior Practicum

CREDIT HOURS 4.0

PREREQUISITES NURS 3510, NURS 3610, NURS 3710, NURS 3810, CNHP 3500 or NURS 3500

DESCRIPTION The course focuses on the transition to professional nursing practice. Working with a nurse preceptor, the student assumes the role of the registered nurse and provides patient-centered care that is based on current evidence-based practice. (Clinical contact hours: 180 hours). This course may include a Signature Experience component.

NURS 4620 Complex Health Care Problems Across the Lifespan

CREDIT HOURS 3.0

PREREQUISITES NURS 3510, NURS 3610, NURS 3710, NURS 3810, CNHP 3500 or NURS 3500

DESCRIPTION This course focuses on the application of evidence-based practice with complex health care problems across the lifespan. The nurse's role in development, initiation, and evaluation of patient-centered care is emphasized.

NURS 4630 Leadership and Management in Nursing

CREDIT HOURS 3.0

PREREQUISITES Must be a Registered Nurse (RN)

DESCRIPTION The Leadership and Management in Nursing course is for registered nurses (RNs). The course focuses on the development, design and application of principles of leadership and management of health care delivery systems. Emphasis is placed upon assuming responsibility for nursing practice including decision making and nursing actions. Serves as one of the two Critical Thinking through Writing (CTW) courses required of all Nursing majors.

NURS 4640 Nursing Informatics for RNs

CREDIT HOURS 3.0

PREREQUISITES Acceptance to the RN-BS program

DESCRIPTION This course will explore healthcare informatics, current issues and basic Informatics concepts. Emphasis will be placed on information/data management and the use of technology to improve patient safety and work effectiveness.

NURS 4910 Caring for Families and Communities

CREDIT HOURS 5.0

PREREQUISITES Admission to the RN-BS Completion Program

DESCRIPTION This course focuses on the acquisition and application of evidenced-based nursing practice with the goal of improving health at the individual and population levels. Emphasis is placed on health promotion, disease and injury prevention in collaboration with the client and key stakeholders. Under faculty supervision, the student refines professional practice.

NURS 4940 Synthesis of Professional Nursing Practice

CREDIT HOURS 6.0

PREREQUISITES NURS 3980, NURS 3490, NURS 3060, NURS 4910, NURS 3310, NURS 4630

DESCRIPTION Corequrisites: NURS 3520, NURS 4640 . This course focuses on Critical examination, synthesis, and evaluation of professional nursing care. Strategies are developed to facilitate synthesis of professional nursing roles including the nurse researcher, teacher, manager, advocate, and care provider. Students will also participate in dialogue of ethical-legal issues affecting various professional nursing roles. Continuous self-evaluation of professional role synthesis is emphasized.

NUTR NUTRITION

NUTR 2100 Principles of Nutrition

CREDIT HOURS 3.0

PREREQUISITES None

DESCRIPTION The course is designed to provide undergraduate students with a basic knowledge of nutrients and energy, and the scientific basis of nutrient requirements. The course will also provide students with information on nutrient associations with disease and principles for applying scientific nutrition principles to contemporary nutrition issues.

NUTR 3010 Introduction to Research

CREDIT HOURS 3.0

PREREQUISITES Junior standing or consent of instructor

DESCRIPTION The course is designed to introduce students to the elements of research design and evidence-based practice and to gain competence in the evaluation of research as well as the application of some of the conceptual elements of research problem development and the design of reasonable research approaches. Main outcome is to enable students to become critical consumers of the professional literature. Class discussions, student assignments, guest lectures, and library visits are used throughout the course to enrich the learning experience of students.

NUTR 3100 Nutrition and Health

CREDIT HOURS 3.0

DESCRIPTION Students are introduced to basic knowledge about nutrients and energy, selecting foods of high nutrient density, and identifying truths and untruths among advertised claims for food products. Current controversial issues such as supplementation, popular diets, and nutrition related diseases are also examined. Open to all university students.

NUTR 3105 Normal Nutrition through the Life Cycle

CREDIT HOURS 3.0

PREREQUISITES NUTR 2100 or consent of instructor

DESCRIPTION This course includes nutrition assessment, physical growth and development, and the physiological basis for nutrient needs in pregnancy, lactation, infancy, childhood, adolescence, adulthood, and senescence. Age specific dietary recommendations for optimal health and disease prevention are components of this course.

NUTR 3150 Food Science

CREDIT HOURS 3.0

PREREQUISITES CHEM 1211K, NUTR 2100

DESCRIPTION Course covers an overview of food categories and their basic characteristics and properties; sensory responses to food/flavor quality; food processing, preparation, and safety; and functional and non-functional ingredients.

NUTR 3170 Food Safety and Sanitation

CREDIT HOURS 3.0

PREREQUISITES NUTR 2100 or consent of instructor

DESCRIPTION This on-line course introduces the student to the characteristics of food borne illnesses and of their causal agents, including bacteria, parasites, viruses, and natural toxicants. Testing of chemicals added to foods is also included.

NUTR 3500 Macronutrient Nutrition

CREDIT HOURS 3.0

PREREQUISITES NUTR 2100, CHEM 1211K, CHEM 1212K, CHEM 2400, or consent of instructor

DESCRIPTION Course covers to the digestion, absorption, biochemical functions, and metabolism of carbohydrates, lipids, and protein. Emphasis is placed on the role of macronutrients in human nutrition.

NUTR 3600 Functional Foods

CREDIT HOURS 3.0

PREREQUISITES NUTR 2100 or consent of the instructor

DESCRIPTION This course provides a fundamental understanding of functional foods and nutraceuticals (FFN), examines the safety and efficacy of individual FFN, and examines factors pertaining to development and commercialization of FFN. Particular emphasis will be placed on health and performance claims of individual FFN.

NUTR 3700 Micronutrient Nutrition

CREDIT HOURS 3.0

PREREQUISITES NUTR 2100, CHEM 1211K, CHEM 1212K, CHEM 2400, or consent of instructor

DESCRIPTION Course covers the digestion, absorption, biochemical functions, and metabolism of vitamins, minerals, and trace elements. Emphasis is placed on the role of micronutrients in human nutrition.

NUTR 3800 International Nutrition

CREDIT HOURS 3.0

PREREQUISITES NUTR 2100 or Permission of Instructor

DESCRIPTION The course will provide the student with the opportunity to understand major issues in international nutrition that influence health, survival, and development capacity of people living in developing societies and various approaches to improving nutritional well-being of those populations.

NUTR 3810 Interpretation of Clinical Laboratory Values for Health Professionals

CREDIT HOURS 3.0

PREREQUISITES Inorganic chemistry with lab, organic chemistry with lab, AND EITHER human physiology OR biochemistry

DESCRIPTION The course will provide the student with the opportunity to understand the interrelationships between clinical laboratory test results and the disease process occurring in the patient. Laboratory values from hematology, clinical chemistry and urinalysis, and microbiology/immunology will be interpreted for infectious diseases, liver diseases, kidney diseases, hematologic disorders, and metabolic disorders. Appropriate case studies will be used to illustrate clinical significance.

NUTR 4100 Energy, Metabolism and Obesity

CREDIT HOURS 3.0

PREREQUISITES NUTR 3500

DESCRIPTION This course covers the external and internal factors that regulate energy metabolism leading to obesity. Some topics include how the body senses hunger, the bodyâ⊠⊠s capacity to store or utilize energy, the bodyâ⊠⊠s response to nutrients, and how circulating factors affect the function of metabolically important tissues. This course also examines how body weight is controlled and the link between obesity and metabolic disease.

NUTR 4105 Geriatric Nutrition

CREDIT HOURS 3.0

PREREQUISITES Nutrition Science student in the Byrdine F. Lewis College of Nursing and Health Professions or consent of instructor

DESCRIPTION A systems approach is used to discuss macro-nutrient requirements in human aging. Topics covered include nutrition assessment, nutrition in chronic disease management, health promotion and disease prevention, food intake patterns, and federal and state nutrition services for older adults.

NUTR 4108 Nutrition Assessment

CREDIT HOURS 3.0

PREREQUISITES NUTR 3500 and NUTR 3700, NUTR 4200 or consent of the instructor

DESCRIPTION This course covers the indirect and direct methods used in the assessment of nutrition status. Both traditional and new methods of assessment are discussed, including anthropometric techniques, nutrition history, soft tissue assessment, biochemical assessment, dietary survey techniques, and demographic assessment.

NUTR 4200 Nutrition and Disease

CREDIT HOURS 3.0

PREREQUISITES NUTR 3500 and NUTR 3700

DESCRIPTION This course introduces students to the role of nutrition in the prevention and management of diseases and conditions related to the gastrointestinal tract and ancillary organs, cardiovascular system, the renal system, and pulmonary function. Anemias, metabolic disorders, inflammation, immunological disorders, and osteoporosis are also reviewed.

NUTR 4280 Nutritional Genomics

CREDIT HOURS 3.0

PREREQUISITES NUTR 3500 and NUTR 3700

DESCRIPTION Course covers how nutrients affect gene expression, how nutrients and genes interact, how nutrients affect the process of select diseases, and epigenomics (alteration of gene expression without genetic change).

NUTR 4400 Nutrition Intervention

CREDIT HOURS 3.0

PREREQUISITES NUTR 2100, NUTR 3105, NUTR 4200

DESCRIPTION This course focuses on community assessment and design, implementation, and evaluation of community based nutrition interventions for specific target groups.

NUTR 4920 Nutrition, Supplements and Athletic Performance

CREDIT HOURS 3.0

PREREQUISITES NUTR 3500 and NUTR 3700

DESCRIPTION This course covers the myths and truths about the use of supplements for enhancing athletic performance and body composition. In this course, peer-reviewed literature will be used to determine whether supplements and/or nutraceuticals have any effect on endurance or strength performance or alterations in muscle mass or adiposity.

NUTR 4950 Senior Seminar

CREDIT HOURS 3.0

PREREQUISITES NUTR 4200 and NUTR 3010 or SNHP 3500

DESCRIPTION Students select a nutrition-related topic and utilize research, critical thinking, and written and oral communication skills to develop a written paper on the topic. The course focuses on the scientific basis of the nutrition and includes research methodology, interpretation of research literature, and the integration of research principles into evidence based practice. Serves as the Critical Thinking through Writing (CTW) courses required of all Nutrition Science majors.

NUTR 4955 Nutrition and Food Policy

CREDIT HOURS 3.0

PREREQUISITES NUTR 2100 and NUTR 3105 or consent of instructor

DESCRIPTION This course focuses on the policy making process at the federal and state levels and the process of program planning and evaluation, as related to food and nutrition programs. The course also reviews public health policy approaches to healthy nutrition and physical activity promotion and issues in physical activity measurement.

NUTR 4960 Nutrition and Physical Fitness

CREDIT HOURS 3.0

PREREQUISITES NUTR 2100 or consent of instructor

DESCRIPTION This course is directed toward the specific roles of energy and nutrients in physical performance. Topics include faddism, quackery, and common myths associated with nutritional management of the athlete. Appropriate strategies for weight change, unique dietary concerns for the female, endurance and vegetarian athletes, the pre-game meal, and the interrelationships among nutrition, physical activity and cardiovascular health are also explored.

NUTR 4970 Communicating Nutrition Science to the Public

CREDIT HOURS 3.0

PREREQUISITES NUTR 2100 or consent of instructor

DESCRIPTION This interactive course is designed to give students a hands-on experience with nutrition and health communications. Students will evaluate and create nutrition and health messaging for target audiences across traditional, digital and social media formats, plan and practice media interviews, and write feature articles for web and print publications.

NUTR 4990 Entrepreneurial Nutrition

CREDIT HOURS 3.0

PREREQUISITES NUTR 2100 or consent of instructor

DESCRIPTION Students learn successful techniques of entrepreneurship in dietetics and formulate business plans for development of private practice in dietetics.

NUTR 4999 Nutrition Project

CREDIT HOURS 1.0 - 6.0

PREREQUISITES Consent of instructor

DESCRIPTION This course includes supervised independent study in an area of special interest to the student.

PFP 4389 Directed Readings in Personal Financial Planning

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION

PERS 2001 Perspectives on Comparative Culture

CREDIT HOURS 2.0

DESCRIPTION A group of interdisciplinary courses that provide a better understanding of the contemporary world through the study of different cultures. One course from this category may be used to fulfill requirements in Area B, Institutional Options. Additional information is available on-line at http://www.gsu.edu/areab.

PERS 2002 Scientific Perspectives on Global Problems

CREDIT HOURS 2.0

DESCRIPTION A group of interdisciplinary courses that deal with scientific approaches to important issues on the environment, public health, or technology. One course from this category may be used to fulfill requirements in Area B, Institutional Options.

PERS 2003 Perspectives on Human Expression

CREDIT HOURS 2.0

DESCRIPTION A group of interdisciplinary courses that focus on the human condition, how people have expressed themselves through the arts and humanities, and how such representations have had broad historical and/or contemporary impact. Only one course in this group may be used to fulfill requirements in Area B. Additional information is available on-line at http://www.gsu.edu/areab.

PHIL 1010 Critical Thinking

CREDIT HOURS 2.0

DESCRIPTION Development of practical and logical skills important to all disciplines, with emphasis on standardizing and evaluating arguments. Students are introduced to types of arguments used across the humanities, the social sciences, and the natural sciences.

PHIL 2010 Introduction to Philosophy

CREDIT HOURS 3.0

DESCRIPTION We will explore some fascinating questions about human existence and discuss various answers offered by philosophers, 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?.

PHIL 2030 Introduction to Ethics

CREDIT HOURS 3.0

DESCRIPTION Are there universal moral truths or is morality relative. What makes actions right or wrong, people good or bad, societies just or unjust. Students will discuss ethical theories that address these questions and will debate moral issues, such as abortion, genetic engineering, animal rights, feminism, and social justice.

PHIL 2040 Philosophy of Art

CREDIT HOURS 3.0

DESCRIPTION This course is an introduction to the philosophy of art. The course will examine what role art plays in our lives by asking questions concerning the value of art, beauty, and by inquiring into the nature or essence of the work of art. In addition, the course will interrogate and discuss the work of art itself as a product of creativity, imagination, and understanding.

PHIL 2500 Introduction to Symbolic Logic

CREDIT HOURS 3.0

DESCRIPTION Introduction to the study of how to reason correctly and evaluate the validity of arguments, using symbols to represent statements. Skills developed in this course may improve performance on the LSAT and other standardized tests. This course is not required for 3000- and 4000-level philosophy courses, and need not be taken before PHIL 3000.

PHIL 3000 Introductory Seminar in Philosophy-CTW

CREDIT HOURS 3.0

PREREQUISITES PHIL 2010 or PHIL 2030 with grade of C or higher

DESCRIPTION This course offers an in-depth treatment of a philosophical issue (for example, free will, justice, Kantian ethics) in a small class, 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, but there is no requirement that one be a philosophy major or minor to take this course. Students considering the philosophy major or minor are encouraged to take this course. Serves as the Critical Thinking Through Writing (CTW) course required of all philosophy majors. May be repeated if topic varies, but only six credit hours may be applied to the major.

PHIL 3010 Origins of Western Philosophy

CREDIT HOURS 3.0

DESCRIPTION Development of European philosophy from the early Greeks to the Romans. Typically included are Socrates, Plato, and Aristotle.

PHIL 3020 Early Modern Philosophy

CREDIT HOURS 3.0

DESCRIPTION Development of European philosophy from the Renaissance to the Enlightenment. Typically included are Hobbes, Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, and Kant.

PHIL 3030 19th – 20th Century Philosophy

CREDIT HOURS 3.0

DESCRIPTION Developments in Western philosophy from the end of the Enlightenment through the twentieth century. Philosophers to be studied may include Kant, Hegel, Schopenhauer, Kierkegaard, Nietzsche, Heidegger, Dewey, Ayer, and Wittgenstein, and philosophical approaches may include idealism, pragmatism, existentialism, and analytic philosophy.

PHIL 3050 Analytic Philosophy

CREDIT HOURS 3.0

DESCRIPTION Introduction to analytic philosophy through some of the most important works by leading figures, such as Russell, Ayer, Quine, Austin, Ryle, and Putnam.

PHIL 3060 Existentialism

CREDIT HOURS 3.0

DESCRIPTION Introduction to existentialism through selected literary and philosophical writings of Kierkegaard, Nietzsche, Camus, de Beauvoir, Sartre, and others.

PHIL 3230 Philosophy of Religion

CREDIT HOURS 3.0

DESCRIPTION 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 3330 Mind and Brain

CREDIT HOURS 3.0

DESCRIPTION How does the mind relate to the brain. Is it possible for a machine to think. Can a robot have moral responsibility. To what extent are animals conscious. This cluster of questions is relevant to philosophy, computer science, psychology, and neuroscience. Topics include: theories of consciousness, the relation between mind and brain, artificial intelligence, mental content, neural correlates of consciousness, and neuroethics.

PHIL 3710 Sex and Love

CREDIT HOURS 3.0

DESCRIPTION This course is a critical examination of issues in moral and political philosophy related to sex and love. Topics will vary by semester but may include the following: the good of marriage; what kind of marriage, if any, the state should legally recognize; the nature of the parent-child relationship; parental obligations and childrenâ⊠⊠s rights; gender justice and the family; the ethics of commercial surrogacy; the ethics of abortion; and the legalization of prostitution and pornography.

PHIL 3720 Contemporary Moral Problems

CREDIT HOURS 3.0

DESCRIPTION Selected moral issues, such as abortion, euthanasia, environmentalism, genetic engineering, feminism, animal rights, gay and lesbian rights, and political violence. Brief coverage of ethical theories as they relate to the issues at hand.

PHIL 3730 Business Ethics

CREDIT HOURS 3.0

DESCRIPTION Moral issues in business, such as social responsibility, employee obligations and rights, ethics and the professions, marketing and advertising practices, and the environment. Issues in both domestic and international areas may be discussed.

PHIL 3740 Biomedical Ethics

CREDIT HOURS 3.0

DESCRIPTION Introduction to major moral problems in science and medicine, such as abortion, death and euthanasia, treatment of the mentally ill, experimentation with animal and human subjects, genetic research, and neuroethical issues.

PHIL 3810 Introduction to Philosophy, Political Science, and Economics

CREDIT HOURS 3.0

DESCRIPTION This is an interdisciplinary course that provides an overview of some core conceptual tools used to analyze issues at the intersection of Philosophy, Politics, and Economics (PPE) and serves as the gateway course for the PPE concentration in the BIS major. Using both historical and contemporary readings, the topics covered include the moral status of markets, distributive justice, liberty and paternalism, and the use of economic models to understand the behavior of voters and policymakers.

PHIL 3855 Topics in Political Theory

CREDIT HOURS 3.0

DESCRIPTION Introductory survey of the great writings in political thought. Examines the contributions these works made to Western conceptions such as democracy, equality, human nature, citizenship, and liberty, as well as their continuing relevance for understanding contemporary moral and political dilemmas. May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 3900 Studies in Philosophy

CREDIT HOURS 3.0

DESCRIPTION Examination of selected philosopher(s) or topic(s). May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4010 Plato

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level course in philosophy, or consent of instructor

DESCRIPTION Advanced introduction to the major areas of Plato's philosophy, which may include the relationship between virtue and knowledge, the theory of recollection, the theory of forms, the nature of sensible objects, and the relationship between the individual and the state. May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4020 Aristotle

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Advanced introduction to the major areas of Aristotle's philosophy, which may include early and later theories of substance, methodology, the study of nature, the soul, and ethics. May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4030 Topics in Ancient Philosophy

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Investigation of a specific theme, philosopher, or text, such as Aristotle's ethics, the philosophy of Socrates, Plato's Republic, Stoicism, Hellenistic ethics, or Aristotle's philosophy of mind. May be repeated if topic varies, but only six credit hours may be applied to the major.

PHIL 4050 Topics in Modern Philsophy

CREDIT HOURS 3.0

PREREQUISITES one 2000 or 3000-level philosophy course or consent of instructor

DESCRIPTION Intensive study of works of modern philosophers such as Descartes, Spinoza, Leibniz, Malebranche, Hobbes, Locke, Rousseau, Berkeley, Hume, Reid, Kant, and Hegel. The course may be organized around the works of a single philosopher, or it may survey the development of a particular area of modern philosophy (such as moral philosophy, political philosophy, metaphysics, epistemology, or aesthetics). May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4055 Hume

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level course in philosophy or consent of instructor

DESCRIPTION Advanced introduction to the major areas of Hume's philosophy. Topics may include the relation between his theoretical and moral philosophy, skepticism, causation, necessity, the foundations of human knowledge, self-consciousness, personal identity, reason, will, sentiment, naturalism, and normativity. May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4060 Kant

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Advanced introduction to the major areas of Kant's theoretical and/or practical philosophy. Topics may include: Kant's conception of the task and method of philosophical inquiry, the relation of metaphysics and epistemology to natural science, skepticism, causality, freedom, the moral law, and the religious, political, and social ramifications of Kant's moral philosophy. May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4070 Marxism

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Origin and development of central themes in the philosophy of Karl Marx, such as alienation, exploitation, and dialectal materialism, with limited reference to contemporary trends in Marxist thought. May be repeated if topic varies. A maximum of six credit hours may be applied toward the major.

PHIL 4075 Topics in 19th Century Philosophy

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Investigation of a specific theme, philosopher, or text, such as Hegel, Nietzsche, German Idealism, or the emergence of philosophy in America. May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4085 Topics in the History of Philosophy

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Investigation of a specific theme, philosopher, or text, such as Scepticism in Ancient and Modern Philosophy, Anselm, or the Summa Contra Gentiles. May be repeated if topic varies, but only six credit hours may be applied toward the major.

PHIL 4090 Topics in Continental Philosophy

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Study of works of such authors as Husserl, Scheler, Heidegger, Sartre, Merleau-Ponty, and Ricoeur. May be repeated if topic varies, but only six credit hours may be applied to the major.

PHIL 4095 Topics in Analytic Philosophy

CREDIT HOURS 3.0

PREREQUISITES one 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Study of works of such authors as Russell, Moore, Carnap, Putnam, Lewis, Feinberg, Hart, and Rawls. May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4100 Epistemology

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Problems in the concept of knowledge, such as the definition of propositional knowledge, the problem of induction, the a priori, and theories of truth. May also include theories such as coherentism, reliabilism, and foundationalism.

PHIL 4130 Philosophy of Science

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION An examination of philosophical problems associated with the nature, scope, and significance of the sciences. Topics may include: scientific versus non-scientific world views; explanation and its limits; confirmation; paradigms, laws, and theories; intertheoretic reduction; realism versus antirealism; science and human values.

PHIL 4150 Topics in Epistemology

CREDIT HOURS 3.0

PREREQUISITES one 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Investigation of selected contemporary or classical topics in epistemology. May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4300 Metaphysics

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Topics may include personal identity and human nature; space, time, matter, and causality; freedom and determinism; teleology; conceptions of divinity; and world views and paradigm shifts.

PHIL 4330 Philosophy of Mind

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION An examination of various theories of the mind-body relationship, such as dualism, identity theory, and functionalism, and of specific issues such as consciousness, mental representation, mental disorders, the emotions, artificial intelligence, personal identity, and free will.

PHIL 4340 Philosophy and Cognitive Science

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor (background in the sciences is not required)

DESCRIPTION An interdisciplinary examination of the problems, theories, and research strategies central to the study of the human mind and of other cognitive systems. Basic readings will come from a variety of disciplines, including philosophy, neuroscience, and psychology. Topics of investigation may include perception, mental representation, language, modularity, consciousness, emotions, moral psychology, action, mental disorders, folk psychology, and animal minds.

PHIL 4350 Topics in Metaphysics

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of the instructor

DESCRIPTION Study of specific issues in metaphysics, such as free will, causation, time, personal identity, possible worlds, existence of God, realism, etc. May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4500 Symbolic Logic

CREDIT HOURS 3.0

PREREQUISITES PHIL 2500 with grade of B or better, or consent of instructor

DESCRIPTION This course will cover the fundamentals of propositional and predicate logic, and selected topics in such areas as the logic of identity and relations, modal logic, or meta-logic. Emphasis placed on construction of proofs in formal systems.

PHIL 4530 Philosophy of Language

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION This course explores how language is able to represent the world and 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. May be repeated but only if content varies. A maximum of six credit hours may be applied toward the degree.

PHIL 4700 Ethics

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Major Western theories, such as relativism, egoism, emotivism, utilitarianism, deontology, naturalism, intuitionism, virtue ethics, existential ethics, and feminist ethics.

PHIL 4740 Advanced Biomedical Ethics

CREDIT HOURS 3.0

PREREQUISITES one 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Consideration of ethical theories and their application to moral problems in science and medicine, such as genetic testing, abortion, euthanasia, experimentation with human and animal subjects, and new ethical questions raised by research in psychology, psychiatry, and neuroscience. May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4750 Topics in Ethics

CREDIT HOURS 3.0

PREREQUISITES one 2000 or 3000-level philosophy course, or consent of the instructor

DESCRIPTION Study of the works of major authors or views in normative ethics and/or metaethics. The focus will be on contemporary ethics but the course may include some study of historical figures. May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4760 Ethics and Contemporary Public Policy – Ethics Bowl

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course or consent of the instructor

DESCRIPTION Course explores how ethical theory may illuminate current controversial issues in practical ethics, applied ethics, and public policy. Topics change each year. Course includes preparation for "ethics bowl" competitions, which are collaborative exchanges where teams compete to offer the most compelling ethical accounts of an issue. Students have the option of attending Ethics Bowl tournaments, which take place annually in Florida and elsewhere. Course may be repeated, but only twice toward philosophy major.

PHIL 4770 Moral Psychology

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level Philosophy course, or consent of the instructor

DESCRIPTION Examination of how humans function in moral contexts and how this information may impact debates in ethical theory. Drawing from relevant literature in philosophy, psychology, neuroscience, and other sciences, topics may include moral judgment and intuitions, moral disagreement, reason and emotion, moral agency and responsibility, character traits and virtues, altruism and egoism, and moral development.

PHIL 4780 Neuroethics

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level Philosophy course, or consent of the instructor

DESCRIPTION Neuroethics considers how ethical theories inform neuroscientific practice and how neuroscientific discoveries inform ethical theorizing. Topics may include ehtical protocols for neuroscience research, ethical and legal implications of neuroscientific research, and implications of neuroscience for debates about moral behavior and judgment.

PHIL 4790 Topics in Neuroethics

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level Philosophy course, or consent of the instructor

DESCRIPTION Study of specific issues in neuroethics, such as cognitive enhancement, neuromarketing, neurolaw, neuroscience and free will.

PHIL 4800 Social and Political Philosophy

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Issues such as the definition and justification of human rights, justice, social welfare, and forms of political participation, and the debate between ideologies. Readings from classical and contemporary sources, for example, Plato, Locke, Mill, Marx, and Rawls.

PHIL 4820 Philosophy of Law

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Topics such as theories of law, feminist legal theory, the nature of legal reasoning, legal obligation, law and justice, law and morality.

PHIL 4830 Topics in Philosophy of Art

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Historical and contemporary accounts of the nature of art, aesthetic experience, creative activity, imagination, expression, interpretation, and aesthetic evaluation.

PHIL 4855 Advanced Topics in Political Theory

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Advanced survey of the great writings in political thought. Examines the contributions these works made to Western conceptions such as democracy, equality, human nature, citizenship, and liberty, as well as their continuing relevance for understanding contemporary moral and political dilemmas. May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4860 Feminist Philosophy

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Classical and contemporary issues concerning women, such as discrimination on the basis of gender, class, race, or sexuality, whether gender is natural or constructed, and historical roots of feminist and anti-feminist perspectives.

PHIL 4870 Honors Thesis: Research

CREDIT HOURS 1.0 - 6.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

PHIL 4880 Honors Thesis: Writing

CREDIT HOURS 1.0 - 6.0

PREREQUISITES PHIL 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

PHIL 4890 Topics in Social and Political Philosophy

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of the instructor

DESCRIPTION Study of selected issues in social/political philosophy. The focus will be on contemporary ethics but the course may include some study of historical figures. May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4900 Issues in Philosophy

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Examination of selected philosopher(s) or topic(s). May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4950 Independent Research

CREDIT HOURS 1.0 - 3.0

PREREQUISITES consent of instructor

DESCRIPTION Designed to provide students with the opportunity to do more advanced work in an area in which they have already had regular course work. Not to be used as a substitute for regular upper-level courses. May be repeated but only if content varies. This course may include a Signature Experience component.

PHIL 4960 Internship

CREDIT HOURS 3.0

PREREQUISITES Minimum 2.5 GPA, philosophy major or minor, 15 credit hours earned in PHIL courses, and 30 credit hours earned GSU

DESCRIPTION Designed to allow majors and minors the opportunity to apply and develop their philosophical skills outside the classroom and to see the relationship between philosophy and a profession. This course may include a Signature Experience component.

PHIL 4990 Advanced Seminar in Philosophy

CREDIT HOURS 3.0

PREREQUISITES Major in philosophy, PHIL 2010, PHIL 3000, and PHIL 3020 with grades of C or higher

DESCRIPTION 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. May be repeated with instructor permission but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

PHOT PHOTOGRAPHY

PHOT 3000 Introduction to Photography

CREDIT HOURS 3.0

PREREQUISITES ART 1010 and ART 1020 with grades of C or higher

DESCRIPTION Introduction to photography within a fine arts context. Operation of the DSLR camera and lenses.

FEES $125.00

PHOT 3010 Film and Darkroom

CREDIT HOURS 3.0

PREREQUISITES PHOT 3000 with grade of C or higher

DESCRIPTION Intermediate-level course emphasizing technical competency with 35mm and medium format cameras, black-and-white film exposure and development, silver-gelatin print processing, and archival presentation.

FEES $125.00

PHOT 3020 Photo 1 for Non-Photo Majors

CREDIT HOURS 3.0

PREREQUISITES Two of the four studio foundation courses (ART 1010, ART 1020, ART 1030) and one of the four art history foundation courses (AH 1700, AH 1750, AH 1850, AH 2000) all with minimum grade of C

DESCRIPTION Cross-listed with PHOT 6025 Essentials of DSLR camera in context of contemporary photographic practice. Target students are non-photo studio art majors.

PHOT 3050 Selected Topics

CREDIT HOURS 4.0

PREREQUISITES PHOT 3100 and one 4000-level Phot course with grades of C or higher, or consent of instructor

DESCRIPTION Exploration in photography examining philosophy of art making through intensive studio practice.

PHOT 3100 Alternative Photographic Practice

CREDIT HOURS 4.0

PREREQUISITES PHOT 3010 with grade of C or higher

DESCRIPTION Photographic printing processes from the earliest days of photography to the latest advances in digital media. Experimentation and independent research emphasized.

FEES $125.00

PHOT 3200 Color and Light

CREDIT HOURS 4.0

PREREQUISITES PHOT 3010 with grade of C or higher

DESCRIPTION Color photography techniques, aesthetic elements of color, and introduction to natural and artificial light sources.

FEES $125.00

PHOT 3300 Studio Lighting & Large Format

CREDIT HOURS 4.0

PREREQUISITES PHOT 3010 with grade of C or higher

DESCRIPTION Studio practice within a fine arts context. Large format cameras, advanced studio lighting techniques.

FEES $125.00

PHOT 3500 Digital Photography

CREDIT HOURS 4.0

PREREQUISITES PHOT 3010 with grade of C or higher

DESCRIPTION Introduction to computer-assisted imaging. Basic understanding of Macintosh computer operation is essential.

FEES $20.00

PHOT 3600 Digital Video for Artists

CREDIT HOURS 4.0

PREREQUISITES PHOT 3010 with grade of C or higher

DESCRIPTION Non-art majors need permission of instructor. Introduction to interactive multimedia utilizing computer-assisted approaches. Required for BFA Photo majors and recommended for all art majors.

FEES $20.00

PHOT 3900 Selected Topics in Photography

CREDIT HOURS 4.0

PREREQUISITES Consent of instructor

DESCRIPTION Special topics for studio art majors. May be repeated for a maximum of six credit hours.

FEES $20.00

PHOT 3910 Photo History Seminar

CREDIT HOURS 3.0

DESCRIPTION Seminar addressing critical issues and expressive approaches in photographic practice through the study of theory and history; technical and aesthetic development; influences the medium has had on art and culture.

PHOT 4500 Directed Study in Photography

CREDIT HOURS 3.0

PREREQUISITES PHOT 3100, PHOT 3200, PHOT 3300, PHOT 3500, and PHOT 3600 with grades of C or higher

DESCRIPTION Individual studio problems for advanced students. May be repeated for a maximum of twelve credit hours.

FEES $70.00

PHOT 4930 Internship in Photography

CREDIT HOURS 3.0

PREREQUISITES Consent of instructor

DESCRIPTION Practicum in the field outside university setting. Written proposal, contractual agreement with internship supervisor required. This course may include a Signature Experience component.

PHOT 4940 Portfolio I

CREDIT HOURS 3.0

PREREQUISITES PHOT 4500 with grade of C or higher

DESCRIPTION Senior-year studio experiences for B.F.A. degree candidates. Committee review.

FEES $20.00

PHOT 4950 Portfolio II-CTW

CREDIT HOURS 3.0

PREREQUISITES PHOT 4940 with grade of C or higher, or concurrently

DESCRIPTION Culminating studio experiences for B.F.A. degree candidates. Committee review. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all Photography majors.

FEES $20.00

PHOT 4980 Special Problems

CREDIT HOURS 3.0

PREREQUISITES Consent of instructor or of School director

DESCRIPTION Independent studies initiated by the student. May be repeated for a maximum of eight credit hours if topic varies.

PHYS 1000 Gateway to Physics

CREDIT HOURS 2.0

DESCRIPTION This is a seminar course intended for anyone curious about physics and its relevance to contemporary life. No background in physics is necessary. 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, 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. This course may include a Signature Experience component.

PHYS 1111 Introductory Physics I

CREDIT HOURS 3.0

PREREQUISITES MATH 1112 or MATH 1113 with a grade of C or higher

COREQUISITES PHYS 1111L

DESCRIPTION This introductory course is the first in a two course survey of the primary fields of physics. This course will include material from mechanics, thermodynamics, and Waves. Elementary algebra and trigonometry will be used.

PHYS 1111K Introductory Physics I

CREDIT HOURS 4.0

PREREQUISITES MATH 1112 or MATH 1113 with grade of C or higher

DESCRIPTION This introductory course is the first in a two-course survey of the primary fields of physics. This course will include material from mechanics, thermodynamics, and waves including a laboratory component. Elementary algebra and trigonometry will be used.

PHYS 1111L Introductory Physics I Lab

CREDIT HOURS 1.0

COREQUISITES PHYS 1111

DESCRIPTION This is a laboratory to accompany PHYS 1111. Assignments are designed to reinforce lecture concepts.

PHYS 1112 Introductory Physics II

CREDIT HOURS 3.0

PREREQUISITES PHYS 1111 and PHYS 1111L, each with a C or higher

COREQUISITES PHYS 1112L

DESCRIPTION This course will include material from electromagnetism, light, and modern physics. Elementary algebra and trigonometry will be used.

PHYS 1112K Introductory Physics II

CREDIT HOURS 4.0

PREREQUISITES PHYS 1111K or PHYS 1111 and PHYS 1111L or PHYS 2211K or PHYS 2211 and PHYS 2211L with grades of C or higher

DESCRIPTION This introductory course is the second in a two-course survey of the primary fields of physics. This course will include material from electromagnetism, light, and modern physics including a laboratory component. Elementary algebra and trigonometry will be used.

PHYS 1112L Introductory Physics II Laboratory

CREDIT HOURS 1.0

COREQUISITES PHYS 1112

DESCRIPTION This is a laboratory to accompany PHYS 1112. Assignments are designed to reinforce lecture concepts.

PHYS 2030 Physical Science: Physics of Music and Speech

CREDIT HOURS 3.0

DESCRIPTION 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 2211 Principles of Physics I

CREDIT HOURS 3.0

PREREQUISITES MATH 2201 or MATH 2211 with a C or higher

COREQUISITES PHYS 2211L

DESCRIPTION This is the first in a calculus based two course survey of the primary fields of physics. This course will cover mechanics, waves, simple harmonic motion, and thermodynamics.

PHYS 2211K Principles of Physics I

CREDIT HOURS 4.0

PREREQUISITES MATH 2211 or MATH 2201 with grade of C or higher

DESCRIPTION This is the first in a calculus-based two-course survey of the primary fields of physics. This course will cover mechanics, waves, simple harmonic motion, and thermodynamics including a laboratory component.

PHYS 2211L Principles Of Physics I Laboratory

CREDIT HOURS 1.0

COREQUISITES PHYS 2211

DESCRIPTION This is a laboratory to accompany PHYS 2211. Assignments are designed to reinforce lecture concepts.

PHYS 2212 Principles of Physics II

CREDIT HOURS 3.0

PREREQUISITES MATH 2212 or MATH 2202; and PHYS 2211K or PHYS 2211 and PHYS 2211L, all with a C or higher

COREQUISITES PHYS 2212L

DESCRIPTION This is the second in a calculus based two course survey of the primary fields of physics. This course will cover electromagnetism, optics, and modern physics.

PHYS 2212K Principles of Physics II

CREDIT HOURS 4.0

PREREQUISITES MATH 2212 or MATH 2202 and Phys2211K or Phys2211 and Phys2211L with grades of C or higher

DESCRIPTION This is the second in a calculus-based two-course survey of the primary fields of physics. This course will cover electromagnetism, optics, and modern physics including a laboratory component.

PHYS 2212L Principles Of Physics II Laboratory

CREDIT HOURS 1.0

COREQUISITES PHYS 2212

DESCRIPTION This is a laboratory to accompany PHYS 2212. Assignments are designed to reinforce lecture concepts.

PHYS 2940 Directed Laboratory Investigations

CREDIT HOURS 1.0 - 2.0

PREREQUISITES consent of the department

DESCRIPTION Directed laboratory investigation in physics involving the development of experimental skills required for advanced study in physics or a related science. May be repeated for no more than two hours total credit.

PHYS 3150 Advanced General Physics

CREDIT HOURS 3.0

PREREQUISITES a non-calculus elementary physics sequence such as PHYS 1111K and PHYS 1112K; MATH 2212 with grades of D or higher, or equivalent

DESCRIPTION Three lecture hours a week. Not acceptable for credit for students who have had PHYS 2211K-2212K. Designed to prepare the student who has completed a non-calculus-level elementary physics sequence for more advanced physics courses. The utilization of calculus in solving problems in classical physics is stressed.

PHYS 3300 Advanced Physics Laboratory-CTW

CREDIT HOURS 3.0

PREREQUISITES PHYS 2212K (or PHYS 2212 + PHYS 2212L) and MATH 2212 with grades of C or higher

COREQUISITES PHYS 3401 and MATH 2215

DESCRIPTION Advanced laboratory experiments in modern physics, optics, and astronomy with emphasis on scientific report writing. Required for all physics majors. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all physics majors.

PHYS 3401 Modern Physics I

CREDIT HOURS 4.0

PREREQUISITES PHYS 2212K and MATH 2212 with grade of C or higher

DESCRIPTION Four lecture hours a week. Special relativity, quantum optics, wave and particle duality, Bohr theory, Schrodinger's quantum mechanics, one-electron atom, spin, and angular momentum.

PHYS 3402 Modern Physics II

CREDIT HOURS 3.0

PREREQUISITES PHYS 3401 with grade of C or higher

DESCRIPTION Three lecture hours a week. Atomic spectra, X-ray spectra, nuclear structure, nuclear reactions, elementary particles, molecular spectra and structure, solid-state physics.

PHYS 3500 Electronics

CREDIT HOURS 3.0

PREREQUISITES PHYS 2212K with grade of C or higher, or consent of instructor

DESCRIPTION Two lecture and four laboratory hours a week. Fundamentals of analog and digital circuit design; discrete and integrated circuit devices; electronic instrumentation.

PHYS 3550 Mathematical Methods and Computational Physics I

CREDIT HOURS 3.0

PREREQUISITES MATH 2215 and PHYS 2212K with a C or higher

DESCRIPTION Examination of the mathematical methods most commonly used in Physics, and their application to the solution of fundamental physical problem through computer programming and simulations. This course will cover differential methods, Taylor series, complex numbers, vector calculus, probability and statistics, and their applications to Classical Mechanics, Electricity and Magnetism, and Statistical and Thermal Physics. Three lecture hours a week.

PHYS 3560 Mathematical Methods and Computational Physics II

CREDIT HOURS 3.0

PREREQUISITES MATH 2652 and PHYS 3550 with a C or higher

DESCRIPTION Examination of the mathematical methods most commonly used in Physics, and their application to the solution of fundamental physical problem through computer programming and simulations. This course will cover linear algebra, Fourier series, differential equations, and their applications to Quantum Mechanics and complex physical systems. Three lecture hours a week.

PHYS 3800 Optics

CREDIT HOURS 4.0

PREREQUISITES PHYS 2212K with grade of C or higher

DESCRIPTION Three lecture hours a week. Fundamentals and applications of optics: diffraction, interference, lasers, fiber optics, and applications of optical instrumentation. Three lecture hours and one two hour laboratory per week. Lectures cover fundamentals and applications of wave and ray optics: image formation, diffraction, interference, polarization, spectroscopy, lasers, fiber optics and applications of optical instrumentation. Laboratories will develop more fully topics covered in lectures.

PHYS 3850 Statistical and Thermal Physics

CREDIT HOURS 3.0

PREREQUISITES PHYS 2212K and MATH 2215 with grades of C or higher

DESCRIPTION Three lecture hours a week. Physical statistics, quantum states and degeneracy, statistical definition of entropy, development of thermodynamics; applications to gases, radiation, and solids.

PHYS 4110 Introduction to Embedded Systems Laboratory

CREDIT HOURS 4.0

PREREQUISITES PHYS 3500 or CSC 3210 with grade of D or higher, or equivalent course work with consent of instructor

DESCRIPTION (Same as CSC 4110.) Four lecture hours per week. Topics taken from: review of basic logic functions; automatic systems; microprocessor- based systems and applications; embedded system software survey; digital communications; and embedded systems programming.

PHYS 4300 Teaching Physics

CREDIT HOURS 1.0 - 2.0

PREREQUISITES Consent of instructor

DESCRIPTION Only open to students concurrently assisting with the teaching of a physics course. Two lecture hours per week. Course provides a theoretical and practical foundation for science teaching. Topics include univocal and dialogic discourse, questioning strategies, Blooms taxonomy, mental models, formative assessment and bridging, the resource framework, motivation and cooperative learning, argumentation, metacognition, nature of science, and qualities of effective teachers.

PHYS 4310 Teaching Physics Practice

CREDIT HOURS 1.0

PREREQUISITES Consent of instructor

DESCRIPTION Only open to students concurrently assisting with the teaching of a physics course. One lecture hour per week. This course is designed to give students practice in teaching physics in an interactive manner. Students will work in teams to learn to give lectures and lead group activities.

PHYS 4340 Neurophysics

CREDIT HOURS 3.0

PREREQUISITES NEUR 3000 and PHYS 2212 with grades of B or higher, or equivalent, or consent of instructor

DESCRIPTION Three lecture hours per week. Course provides fundamental findings of physics of neuronal systems. The course covers such topics as introduction to biomechanics, membranes, transport, electroosmotic effects, ion pumping, cellular homeostasis, the Hodgkin-Huxley formalism, energetics of spiking, neural coding, and dynamics of neurons and neuronal networks. It also covers methods of recording of neuronal activity.

PHYS 4410 Nuclear and Particle Physics

CREDIT HOURS 3.0

PREREQUISITES PHYS 3401 with grade of C or higher

DESCRIPTION Three lecture hours a week. Properties of nuclei; nuclear models; nuclear reactions and radioactive decay processes; properties of elementary particles, their symmetries and interactions; standard model of elementary particles.

PHYS 4500 Special Topics in Physics

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION Topics of special interest in physics as may fit the needs and interests of undergraduate students and faculty. Topics may be in the fields of nuclear physics, nanophysics, solid state physics, optics and electronics, and neurophysics. May be repeated if topics are different.

PHYS 4510 Mathematics of Physics I

CREDIT HOURS 3.0

PREREQUISITES MATH 2215 with grade of C or higher

DESCRIPTION (Same as MATH 4258.) Three lecture hours a week. Algebra of vectors, vector calculus, divergence, gradient, curl, line integrals, surface integrals, divergence theorem of Gauss, Stokes's theorem, conservative fields, orthogonal curvilinear coordinates, matrices, and Eigen value problems.

PHYS 4520 Mathematics of Physics II

CREDIT HOURS 3.0

PREREQUISITES MATH 2652 with a grade of C or higher

DESCRIPTION (Same as MATH 4265.) Three lecture hours a week. Derivation and solution of partial differential equations of physics, wave equation, LaPlaceâ⊠⊠s equation, Schroedingerâ⊠⊠s equation, special functions of mathematical physics, Fourier series, Sturm-Liouville system, complex analysis, and integration.

PHYS 4600 Classical Mechanics

CREDIT HOURS 4.0

PREREQUISITES PHYS 2212K and MATH 2652 with grades of C or higher, or equivalent, or consent of instructor

DESCRIPTION Four lecture hours a week. Vector algebra, Newton's laws, conservation laws, many body systems, motion in central fields, small oscillations, motion in electromagnetic fields, rotation of rigid bodies, Lagrangian equations, Hamilton's principle, and virtual work.

PHYS 4700 Electricity and Magnetism

CREDIT HOURS 4.0

PREREQUISITES PHYS 2212K and MATH 2215 with grades of C or higher

DESCRIPTION Four lecture hours a week. Electrostatics, steady currents, magnetic fields, magnetic induction, AC circuits, dielectrics, magnetic properties of matter, Maxwell's equations, and wave propagation.

PHYS 4710 Functional Neuroimaging

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION Three lecture hours a week. Foundations of physics principles applied to brain processes, different imaging modalities, and neuroimaging data analysis methods. Topics include physiological basis of functional neuroimaging, physics of different imaging modalities (fMRI, PET, EEG, MEG, fNIR, TMS), experimental design, neuroimaging data analysis, and applications in cognitive neuroscience. This course is appropriate for students majoring in physics, chemistry, biology, neuroscience, psychology, mathematics, statistics, and computer science with an interest in the use of functional neuroimaging.

PHYS 4720 Introduction to Magnetism and Magnetic Materials

CREDIT HOURS 3.0

PREREQUISITES PHYS 3401 and MATH 2652 with grades of C or higher

DESCRIPTION Fundamentals of magnetism in solids, nanostructures and ferrofluids. Wide range of topics overviewing basic physics phenomena observed in magnetic materials and nanostructures will be covered, including static and dynamic phenomena, nanostructures and their applications in electronics and spintronics, ferrofluids, and the experimental approaches used to study magnetic phenomena.

PHYS 4810 Quantum Mechanics

CREDIT HOURS 3.0

PREREQUISITES PHYS 3401 and MATH 2652 with grades of C or higher, or consent of instructor

DESCRIPTION Three lecture hours a week. Schrodinger's theory of quantum mechanics; solutions of Schrodinger's equation; perturbation theory; one-electron atoms; magnetic moments, spin, and relativistic effects; identical particles; multi-electron atoms.

PHYS 4900 Research Project-CTW

CREDIT HOURS 3.0

PREREQUISITES PHYS 3300 and PHYS 3401 with grades of C or higher and permission of the instructor

DESCRIPTION Research Project in physics, astronomy, or a related field including preparation of a written and an oral report. Projects are performed under mentoring of a faculty member. Written reports are developed under the guidance of course coordinator. Required for all physics majors. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all physics majors. This course may include a Signature Experience component.

PHYS 4910 Solid State Physics

CREDIT HOURS 3.0

PREREQUISITES PHYS 3401 with grade of C or higher, or equivalent or consent of instructor

DESCRIPTION Three lecture hours a week. Atoms in crystals (crystal structure); waves in crystals; crystal binding, lattice constants; lattice vibrations and other thermal properties of solids, free electrons in crystals, energy bands, and semiconductors.

PHYS 4950 Advanced Research

CREDIT HOURS 1.0 - 3.0

DESCRIPTION Faculty-led research group including training in techniques of advanced research in physics and astronomy and application of these techniques to research projects of current importance. May be repeated for a maximum of three credit hours. This course may include a Signature Experience component.

PHYS 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements. This course may include a Signature Experience component.

POLS POLITICAL SCIENCE

POLS 1101 Introduction to American Government

CREDIT HOURS 3.0

DESCRIPTION A survey of the American system of government, with some attention given to state government, including the State of Georgia, covering the institutions and ideals basic to the American experience and the process by which the public participates in and is governed by these institutions and ideals.

POLS 2101 Introduction to Political Science

CREDIT HOURS 3.0

DESCRIPTION A survey of the fundamental questions in the study of political science including the fields of Political Theory, Comparative. Politics, and International Politics.

POLS 2401 Global Issues

CREDIT HOURS 3.0

DESCRIPTION An introduction to global affairs focusing on contemporary issues in world politics such as conflict and cooperation, business and trade, population, environment, and human rights.

POLS 3110 State Government

CREDIT HOURS 3.0

DESCRIPTION Organization, powers, functions, and political processes at the state level in the United States.

POLS 3140 Judicial Process and Courts

CREDIT HOURS 3.0

DESCRIPTION Social and political context of judicial decisions with emphasis on Supreme Court decision-making. Relates law to public policy. Global Perspectives Course.

POLS 3145 Introduction to American Law

CREDIT HOURS 3.0

DESCRIPTION Substance of law as a component of public policy and the political system; emphasis on the elements and rationale of private law.

POLS 3170 American Legislative Process

CREDIT HOURS 3.0

DESCRIPTION The role of Congress and state legislatures in policy making. Special emphasis on legislative organization, procedure, and legislative structure including the speakership, parties, staff, and committees.

POLS 3171 Congressional Simulation

CREDIT HOURS 3.0

PREREQUISITES POLS 3170 recommended

DESCRIPTION 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. This course may include a Signature Experience component.

POLS 3200 Comparative Politics

CREDIT HOURS 3.0

DESCRIPTION Comparative analysis of major political systems. Global Perspectives Course.

POLS 3400 International Politics

CREDIT HOURS 3.0

DESCRIPTION Concepts and theories of international politics. Covers the evolution of the contemporary international system and conflict and cooperation among nation-states. Global Perspectives Course.

POLS 3450 United States Foreign Policy

CREDIT HOURS 3.0

DESCRIPTION Analysis of U.S. foreign policy patterns and decision making since World War II. Examines contending explanations of policy making and the evolving role of the United States in world affairs. Global Perspectives Course.

POLS 3530 Classical and Early Modern Political Thought

CREDIT HOURS 3.0

DESCRIPTION (Same as PHIL 3530.) A survey of the historical writings in political thought from Plato to Machiavelli. Special emphasis on the contributions these thinkers made to Western conceptions of democracy, equality, human nature, citizenship, etc., as well as the continuing relevance of the texts for explaining contemporary political phenomena.

POLS 3540 Modern Political Thought

CREDIT HOURS 3.0

DESCRIPTION (Same as PHIL 3540.) A survey of the historical writings in political thought from Hobbes to Marx. Special emphasis on the contributions these thinkers made to Western conceptions of democracy, equality, human nature, citizenship, etc., as well as the continuing relevance of the texts for explaining contemporary political phenomena.

POLS 3800 Introduction to Political Research-CTW

CREDIT HOURS 3.0

DESCRIPTION Research techniques in political science including data collection, analysis, and interpretation. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all Political Science majors.

POLS 3805 Survey Research Methods Lab

CREDIT HOURS 1.0

PREREQUISITES Concurrent or prior registration in POLS 3800

DESCRIPTION This course provides students with a background in the principles and application of survey research methods in political science, including hands-on experience conducting survey research.

POLS 3810 Introduction to Philosophy, Political Science, and Economics

CREDIT HOURS 3.0

DESCRIPTION This is an interdisciplinary course that provides an overview of some core conceptual tools used to analyze issues at the intersection of Philosophy, Politics, and Economics (PPE) and serves as the gateway course for the PPE concentration in the BIS major. Using both historical and contemporary readings, the topics covered include the moral status of markets, distributive justice, liberty and paternalism, and the use of economic models to understand the behavior of voters and policymakers.

POLS 4110 Political Psychology

CREDIT HOURS 3.0

DESCRIPTION Introduction to the psychological foundations of political life. Theories applied to particular political problems including policy decision making, the formation of belief systems, moral reasoning and ideology, racism and intolerance, political socialization, and authoritarianism.

POLS 4120 Southern Politics

CREDIT HOURS 3.0

DESCRIPTION The development of Southern political institutions and practices, including the role that Southern political figures have played in national politics and similarities and differences between Southern political behavior and national political behavior.

POLS 4125 Georgia Politics and Government

CREDIT HOURS 3.0

DESCRIPTION An examination of state and local government in the state of Georgia.

POLS 4130 American Constitutional Law

CREDIT HOURS 3.0

DESCRIPTION Development of U.S. constitutional system and fundamental principles of constitutional interpretation. Includes the courts and judicial review, authority of Congress in fields of commerce and taxation, authority of the president and federal-state relations.

POLS 4131 Civil Liberties and Rights

CREDIT HOURS 3.0

DESCRIPTION Supreme Court's interpretation of the Bill of Rights and Fourteenth Amendment. Areas covered include administration of justice, freedom of expression and religion, and equal protection of racial, sexual, political and economic groups.

POLS 4151 Interest Group Politics

CREDIT HOURS 3.0

DESCRIPTION Theoretical and practical approaches to the study of interest groups in the American political system, with attention to influence on Congress and impact on elections.

POLS 4155 Voting and Elections

CREDIT HOURS 3.0

DESCRIPTION Political, institutional, social, and psychological factors involved in individual and group electoral decisions. Emphasis placed on the role of campaigns and candidate strategy in shaping voting decisions.

POLS 4157 Politics of the Civil Rights Movement

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4180.) Examination of the underpinnings, leadership, political strategies, and policies of the modern civil rights movement.

POLS 4158 Campaign Organization and Management

CREDIT HOURS 3.0

DESCRIPTION A broad introduction to electoral campaign research, organization, and management. This course may include a Signature Experience component.

POLS 4160 Political Attitudes and Public Opinion

CREDIT HOURS 3.0

DESCRIPTION Concept and measurement of political attitudes, acquisition of attitudes, the role of attitudes in political behavior, and the relation of elites and publics in the formation of public opinion.

POLS 4162 Politics and the Media

CREDIT HOURS 3.0

DESCRIPTION Analysis of the role of mass media in American political life.

POLS 4165 African-American Politics

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4160.) Analysis of the ideology, public opinions, and political behavior of African-Americans. African-American impact on the electoral system.

POLS 4180 American Chief Executives

CREDIT HOURS 3.0

DESCRIPTION Constitutional powers and the political role of the American president with a comparative examination of the function of state governors.

POLS 4190 Studies in American Politics

CREDIT HOURS 3.0

DESCRIPTION Intensive treatment of current topics in American politics and government. May be repeated if topic varies.

POLS 4205 Comparative Democratization

CREDIT HOURS 3.0

DESCRIPTION Theories and problems of emerging and transitional democracies around the world.

POLS 4210 Politics of Developing Countries

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (recommended): POLS 3200 . Examines rapid political, social, and economic change in developing countries.

POLS 4215 Politics of Peace

CREDIT HOURS 3.0

DESCRIPTION Explores the challenges of building stable political systems in the wake of civil war, using cases drawn from all regions of the world.

POLS 4224 Law and Courts in Film

CREDIT HOURS 3.0

DESCRIPTION Students learn about the representation of the rule of law, judges, lawyers, and courtrooms in Hollywood cinema in the last 60 years. A selected list of films and readings form the background of discussion on how the popular conception of courts has evolved and is still being represented in popular culture. Particular attention will be given to the juxtaposition of justice and law as they are represented in film.

POLS 4228 Comparative Party System Development

CREDIT HOURS 3.0

DESCRIPTION Drawing on both theoretical literature and empirical research, this course provides an introduction to the comparative study of party system development in democratic political systems. The course explores the experiences of newly democratized countries as well as that of established democracies. Insights will be drawn from Europe, Africa, Asia, the United States, and Latin America.

POLS 4230 African Politics

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (recommended): POLS 3200 . Addresses the politics of Sub-Saharan Africa, including major issues of political, economic, and social analysis.

POLS 4240 European Politics

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (recommended): POLS 3200 . The politics and government of Europe. Comparative study of institutions, issues, and social forces, including the impact of integration on the politics of the nation-state.

POLS 4242 European Union: Politics, Economy, and Foreign Policy

CREDIT HOURS 3.0

DESCRIPTION Broad overview of developments in the European Union since the early 1950s. Key issues, such as monetary union and development of common foreign policy, are explored. Institutional actors, including the European Parliament, European Commission, Council of Ministers, and Court of Justice are compared.

POLS 4245 The Politics of Russia and Eastern Europe

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (recommended): POLS 3200 or POLS 3400. Political, economic, and social variables explaining change and the current political structures in the region.

POLS 4250 Latin American Politics

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (recommended): POLS 3200 . Political, historical, economic, and cultural explanations of political change in Latin America. Compares twentieth century democratic, authoritarian, and revolutionary regimes.

POLS 4255 Politics and Political Economy of East Asia

CREDIT HOURS 3.0

DESCRIPTION Examines the key political institutions, economic structures, and socio-economic policies of Japan, Korea, Taiwan, Singapore, and Hong Kong.

POLS 4256 Politics and Political Economy of Japan

CREDIT HOURS 3.0

DESCRIPTION Explores the politics and political economy of contemporary Japan. Topics include: the evolution and nature of Japanese democracy, the functioning of the political economy, the "Japanese miracle" econony of the early postwar period and economic decline in recent years, protest and social movements in Japan, and Japan's role in Asia.

POLS 4257 Chinese Politics

CREDIT HOURS 3.0

DESCRIPTION Introduction to the political history of contemporary China, the structure and functioning of its political and governmental institutions, and political, social, and economic challenges facing the current Chinese political leadership.

POLS 4258 Government and Politics of South Asia

CREDIT HOURS 3.0

DESCRIPTION (Same as MES 4258.) Examines the societies and politics of South Asia, with specific reference to India and Pakistan since independence from Britain in 1947.

POLS 4260 Politics of the Middle East and North Africa

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (recommended): POLS 3200 . (Same as MES 4210.) Politics and culture of the region. Contemporary issues including: the region's relations with the West, regional conflict, and the increasing role of religious movements in politics.

POLS 4270 Comparative Political Economy

CREDIT HOURS 3.0

DESCRIPTION Examination of the theoretical and substantive relationships between politics and economics.

POLS 4285 Politics and Religion in Comparative Perspective

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (recommended): POLS 3200 or POLS 3400. (Same as MES 4220.) Role of religious beliefs and institutions on political behavior.

POLS 4290 Studies in Comparative Politics

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (recommended): POLS 3200 . Topics may include the government and politics of selected countries and regions of the world or themes in comparative political analysis. May be repeated for credit if topic varies.

POLS 4420 International Law

CREDIT HOURS 3.0

DESCRIPTION Analysis of origin, principles, enforcement, and adjudication of international law.

POLS 4421 International Organizations

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (recommended): POLS 3400 or POLS 3450. Analysis of the formation, role, process, and politics of international organizations, such as the United Nations, and mechanisms of international cooperation.

POLS 4422 NGOs and World Politics

CREDIT HOURS 3.0

DESCRIPTION Survey of current literature on non-governmental organizations (NGOs) and global civil society and exploration of the various roles NGOs play in a variety of policy areas including the environment, human rights, international development, trade, humanitarian crises, women's issues, and security.

POLS 4423 Middle East in World Affairs

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (recommended): POLS 3400 or POLS 4260. International relations of the Middle East (West Asia and North Africa), combining IR theory and the perspectives of policymakers and other actors of the region.

POLS 4424 Regional Organization Simulation

CREDIT HOURS 3.0

DESCRIPTION This course gives participants an opportunity to deepen their knowledge of the regional politics of the Arab World. Students will research and then represent member countries of the Arab League in simulations of debate and legislative forums of the organization. Students will learn, develop, and practice skills in debate, consensus building, critical thinking, parliamentary procedure, legislation drafting, and public speaking. Students will also learn to represent the interests and foreign policy objectives of the country they represent. Students will also participate as part of the Georgia State University Model Arab League Team at the Southeast Model Arab League (SEMAL), National Model Arab League (NMAL) and depending on availability of funds, an international model Arab League conference in the Spring Semester. They will also help run the High School Model Arab League. Global Perspectives Course. This course may include a Signature Experience component.

POLS 4426 International Organization Simulation

CREDIT HOURS 3.0

DESCRIPTION Students will research and then represent a country in simulations of United Nations debate and legislative forums. Students will learn, develop, and practice skills in debate, consensus building, critical thinking, parliamentary procedure, legislation drafting, and public speaking. Students will learn to represent the interests and foreign policy objectives of the country represents. As part of the course students will participate as part of the GSU Model United Nations Team in National Model United Nations Conference in New York and, depending on availability of funds at an international Model UN Conference. In addition students are required to serve on the staff of the GSU High School MUN. This course may include a Signature Experience component.

POLS 4427 Politics of International Human Rights

CREDIT HOURS 3.0

DESCRIPTION Analysis of international human rights issues and institutions at the multilateral, regional, and domestic levels. Attention to foreign policy, gender, minorities, disappearances, and genocide in various regions.

POLS 4430 International Political Economy

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (recommended): POLS 3400 . Analyzes the politics of international economic relations.

POLS 4435 Studies in International Political Economy

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (recommended): POLS 3400 . Topics may include international trade, monetary and financial relations, multinational corporations, and north-south relations among others. May be repeated for credit if topic varies.

POLS 4465 China in the International System

CREDIT HOURS 3.0

DESCRIPTION This course examines the impact of an increasingly powerful China on the international system. Its primary focus will be the evolving interaction between the United States and China.

POLS 4470 Causes of War

CREDIT HOURS 3.0

DESCRIPTION Prerequisite : POLS 3400 or POLS 3450. Conditions affecting the prospects for war and conflict within and between nation-states.

POLS 4490 Studies in International Relations

CREDIT HOURS 3.0

DESCRIPTION Intensive treatment of a topic in International Relations. May be taken more than once if topic varies.

POLS 4510 Feminist Political Theory

CREDIT HOURS 3.0

DESCRIPTION The treatment of women in Western political thought. Various strands of feminist thinking: liberal, Marxist, socialist, radical, and postmodern.

POLS 4555 Contemporary Political Philosophy

CREDIT HOURS 3.0

DESCRIPTION This course examines contemporary thinking in political philosophy. Particular emphasis is placed on debates within the discipline over matters such as the ethics of war, abortion, civil rights, income distribution, judicial interpretation and homelessness.

POLS 4570 American Political Thought

CREDIT HOURS 3.0

DESCRIPTION Readings in the development of political ideas underlying American political institutions.

POLS 4590 Studies in Western Political Theory

CREDIT HOURS 3.0

DESCRIPTION Analysis of a particular concept or period in political theory. May be repeated for credit if topic varies.

POLS 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

POLS 4880 Honors Thesis: Writing

CREDIT HOURS 3.0 - 6.0

PREREQUISITES POLS 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

POLS 4900 Senior Seminar-CTW

CREDIT HOURS 3.0

PREREQUISITES POLS 3800 with a C or higher

DESCRIPTION This course is a senior capstone seminar. All Political Science majors are required to take the seminar in their senior year. Several sections of the seminar may be offered each term. The focus/topic of the seminar varies depending on the interests of the faculty member(s) offering the course(s). Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all Political Science majors. This course may include a Signature Experience component.

POLS 4920 Directed Reading & Research

CREDIT HOURS 1.0 - 3.0

DESCRIPTION Special directed research. Paper required. By arrangement at student request, as approved by the department. May be repeated for credit. This course may include a Signature Experience component.

POLS 4930 Legislative Internships

CREDIT HOURS 3.0 - 9.0

PREREQUISITES consent of instructor

DESCRIPTION Program to combine academic training with professional experience through legislative internships. Paper required. This course may include a Signature Experience component.

POLS 4940 Internships

CREDIT HOURS 1.0 - 9.0

DESCRIPTION Program to combine academic training with professional experience through short-term internships. This course may include a Signature Experience component.

POLS 4945 Experiential Learning

CREDIT HOURS 3.0

DESCRIPTION This course is for students seeking Political Science major credit for internships they have secured with an external provider. This course may include a Signature Experience component.

POLS 4951 Model United Nations

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION An exercise in modeling the process and politics of the United Nations. May be repeated for credit. This course may include a Signature Experience component. Global Perspectives Course.

POLS 4952 Model Arab League

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION (Same as MES 4230.) Classroom instruction and participation in academic team. History, culture, religion, economics and politics of the Arab World plus participation in the Southern Eastern Regional Model Arab League and the National Model Arab League. This course may include a Signature Experience component. Global Perspectives Course.

POLS 4955 Mock Trial

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION An exercise in modeling the process, analytical reasoning and theory of litigation. May be repeated for credit. This course may include a Signature Experience component.

POLS 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

POLS 4996 Study Abroad: European Studies in Strasbourg, France

CREDIT HOURS 3.0

PREREQUISITES None

DESCRIPTION Contemporary politics and political economy of European integration. Designed specifically for those students participating in Georgia State University Study Abroad Program. This course may include a Signature Experience component.

PORT 1001 Elementary Portuguese I

CREDIT HOURS 3.0

DESCRIPTION Development of basic skills in listening, speaking, reading, and writing; acquisition of grammatical structures. Students are introduced to various aspects of Portuguese culture. Not open to native speakers of Portuguese.

PORT 1002 Elementary Portuguese II

CREDIT HOURS 3.0

PREREQUISITES PORT 1001 with grade of C or higher, or placement into 1002

DESCRIPTION Development of basic skills in listening, speaking, reading, and writing; acquisition of grammatical structures. Students are introduced to various aspects of Portuguese culture. Not open to native speakers of Portuguese.

PORT 2001 Intermediate Portuguese I

CREDIT HOURS 3.0

PREREQUISITES PORT 1002 with grade of C or higher, or placement into 2001

DESCRIPTION Continued development of listening, speaking, reading, and writing. Vocabulary expansion; further work with grammatical structures. Portuguese culture presented. Not open to native speakers of Portuguese.

PORT 2002 Intermediate Portuguese II

CREDIT HOURS 3.0

PREREQUISITES PORT 2001 with grade of C or higher, or placement into 2002

DESCRIPTION Continued development of listening, speaking, reading, and writing. Vocabulary expansion; further work with grammatical structures. Portuguese culture presented. Not open to native speakers of Portuguese.

PSYC 1100 Introduction to Biological Psychology

CREDIT HOURS 3.0

DESCRIPTION Explores the relationships of physiology and environment with behavior and mental processes. Examines the role of evolution through natural selection in shaping nervous system design and behavior, and the interplay of genetics and environment in both physiological and behavioral development. Emphasizes lower-level mechanisms of sensation and perception, motor action, and hormone effects, as well as higher-level processes involved in emotion, cognition, language, and social behavior. These topics are examined in both humans and nonhuman animals.

PSYC 1101 Introduction to General Psychology

CREDIT HOURS 3.0

DESCRIPTION A broad survey of the major topics in psychology including, but not limited to, research methodology, biological and social factors influencing abnormal behavior, development, learning, memory, and personality.

PSYC 2030 Careers in Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 for majors and premajors only (or permission of instructor)

DESCRIPTION This course focuses on career planning and development issues for psychology majors. Using a combination of lecture, readings, and exercises, students will be exposed to information designed to assist in clarification, selection, and pursuit of a career in psychology or a related field. Topics include an overview of the undergraduate major in psychology, career options in psychology and related fields, preparation for employment with a bachelor's degree, preparing for and succeeding in graduate school, and applying for a job or to a graduate school. This course may include a Signature Experience component.

PSYC 2040 Introduction to Applied Psychology

CREDIT HOURS 3.0

DESCRIPTION The goal of this course is to provide an overview of the major areas of applied psychology. How psychology has been applied toward improving individual well-being (e.g., clinical/counseling psychology), toward improving human performance (e.g., industrial/organizational psychology), and in the public interest (e.g., community psychology).

PSYC 2050 Introduction to Drugs and Behavior

CREDIT HOURS 3.0

DESCRIPTION (Same as BIOL 2050.) Provides an introduction to the effects of drugs on behavior. Topics include how drugs affect the brain and, consequently, behavior; the underlying brain and environmental factors thought to be responsible for drug addiction, tolerance and sensitivity; treatment of major psychological disorders (e.g., depression, mania, anxiety) with drug therapy; and the classification of common psychoactive drugs.

PSYC 2060 Introduction to Positive Psychology

CREDIT HOURS 3.0

DESCRIPTION Explors and examines the empirical findings in the areas of positive emotions, happiness and well-being, meaning of life, resilience, optimism, happiness and relationships, and techniques for improving moods and emotions.

PSYC 2070 Introduction to Human Sexuality

CREDIT HOURS 3.0

DESCRIPTION Examination of human sexuality from three perspectives: physiological, clinical, and social. Topics include the neuroendocrine processes in sexual behavior, theories of psychosexual development, and the nature of contemporary sex roles.

PSYC 2080 Sex, Evolution, and Human Behavior

CREDIT HOURS 3.0

DESCRIPTION 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 Introduction to the Psychology of Adjustment

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 for majors and premajors only (or permission of instructor)

DESCRIPTION An introductory examination of the applied psychological theory and research concerning mental health and well- being.

PSYC 2103 Introduction to Human Development

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 for majors and premajors only (or permission of instructor)

DESCRIPTION An introductory, non-laboratory-based examination of human development across the lifespan with an emphasis on normal patters of physical, cogitive, and social development.

PSYC 2107 Introduction To Social Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 or PSYC 1101H

DESCRIPTION An introductory, non-laboratory based examination of the influences of social and cultural factors on individual behavior and psychological functioning. Among the topics covered in the course are social psychological research methods, the relationship between self-knowledge and social influence, social cognition, conformity, obedience, aggression, prejudice, interpersonal attraction, affiliation, persuasion, attitude formation and change, group processes, helping and altruism, and conflict and conflict resolution. The course will include an examination of cultural influences on individual behavior and psychological functioning.

PSYC 2210 Careers & Professional Issues In Psychology

CREDIT HOURS 3.0

COREQUISITES PSYC 1101 or PSYC 1101H with a 'C' or better

DESCRIPTION An introductory examination of careers in psychology and related fields for which the Bachelor's degree in psychology is an appropriate preparation. The course prepares students for further study in psychology by providing an introduction to the process of conducting bibliographic research in psychology, the major research methods in psychology, the application of APA style for writing in psychology, exploration of career options in and related to psychology and the acedemic preparation required for such careers, ethics in psychology, and issues in the field of psychology.

PSYC 2618 Introduction to Psychology of Women

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 for majors and premajors only (or permission of instructor)

DESCRIPTION This course is designed to examine the current status of theory and research on women's experiences and behavior. Emphasis is placed on the integration of findings from physiological, personality, developmental, socio-cultural, and abnormal psychology. Gender differences and the. theories advanced to understand such differences are critically evaluated.

PSYC 2621 Introduction to Abnormal Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 for majors and premajors only (or permission of instructor)

DESCRIPTION This course is a survey of major theoretical perspectives on abnormal behavior, the DSM system, and major psychological disorders. A variety of major psychological disorders are covered including, but not limited to, anxiety disorders, mood disorders, schizophrenic disorders, personality disorders, and substance-related disorders.

PSYC 3110 Psychology of Interpersonal Behavior

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher, or equivalent

DESCRIPTION Conceptual and practical aspects of effective and ineffective interpersonal behaviors and communication. Practice in the development of effective interpersonal behaviors.

PSYC 3140 Psychopathology and Abnormal Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher, or equivalent

DESCRIPTION An examination of the defining characteristics, causes, and treatments of abnormal or maladaptive behaviors and psychopathology.

PSYC 3330 Mind and Brain

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with a C or better

DESCRIPTION This course will cover the nature of mind and its relation to the brain, the possibility and nature of animal consciousness, consciousness and neural correlates of consciousness, the possibility of computer thinking, mental content, mental causation, and personal identity.

PSYC 3450 Health Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher, or equivalent

DESCRIPTION Emotional, social, and behavioral aspects of wellness, illness, disability, and death. The underlying biopsychological basis of these topics will be studied as well as the relevant intervention methodologies.

PSYC 3510 Introduction to Research Design & Analysis

CREDIT HOURS 4.0

PREREQUISITES MATH 1070, MATH 1101, MATH 1111, MATH 1113 or MATH 1220 with grade C or higher. Students must meet the Psychology Major Eligibility Requirement in order to enroll in this course.

DESCRIPTION Course provides an introduction to research design, data analysis, and scientific communication as applied to psychological research questions. Topics include research ethics, fundamentals of hypothesis testing and research design, descriptive data collection techniques, and data analysis and interpretation using z-scores, correlation and regression, chi-square tests of independence, and t-tests. Concepts are introduced to the full class through lecture and discussion, then applied during learning groups and online activities. Student progress is assessed via online quizzes and in-class examinations. Students who are unable to pass PSYC 3510 with a grade of C or better in two attempts shall not be permitted to repeat the course or to enroll in any departmental courses for which PSYC 3510 is a prerequisite.

PSYC 3520 Introduction to African-American Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher, or equivalent

DESCRIPTION (Same as AAS 3050.) Examination of theory and research pertaining to African-Americans with emphasis on the Afrocentric perspective.

PSYC 3530 Advanced Research Design/Data Anylasis CTW

CREDIT HOURS 4.0

PREREQUISITES a C or better in PSYC 3510

DESCRIPTION PSYC 3530 provides psychology majors with experience in research design, data analysis, and scientific communication needed for 4000-level courses. Topics include experimental design, comparisons of multiple groups, and the structure and style of scientific writing in psychology. Students who are unable to pass PSYC 3530 with a grade of C or better in two attempts shall not be permitted to repeat it or to enroll in courses for which it is a prerequisite. PSYC 3530 serves as one of the two Critical Thinking Through Writing (CTW) courses required of all psychology majors.

PSYC 3560 Leadership and Group Dynamics

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with a C or higher, or equivalent

DESCRIPTION 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 Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher

DESCRIPTION Exposes students to broad range of psychological topics and issues associated with diversity and explores human diversity from a wide range of theoretical and methodological perspectives that reflect cultural influences. Global Perspectives Course.

PSYC 3690 Honors Readings

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and readings on selected topics.

PSYC 3901 Study Abroad in Psychology

CREDIT HOURS 1.0 - 6.0

PREREQUISITES Permission of instructor

DESCRIPTION Crosslisted with AAS 4970. Special international topics in psychology completed at a study abroad location.

PSYC 4000 Lab Experience in Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC 3530 with a C or better

DESCRIPTION Provides psychology majors with experience in research design, data analysis, and scientific communication needed for the development and writing of senior-year theses and graduate study. Topics include designing an original research project on a psychological topic, analyzing data, and presenting the findings in an APA-style research report. PSYC 4000 serves as one of the two Critical Thinking Through Writing (CTW) courses required of all psychology majors.

PSYC 4020 Social Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC1101 and 3510 with grades of C or higher, or equivalent

DESCRIPTION A survey course that covers perception of the self and others; communication and influence; interpersonal attraction and aggression; altruism; group performance and conflict; and cultural differences. Cognitive and biological factors, the importance of social settings, and the interplay between personality and social interaction are emphasized.

PSYC 4030 Cross-Cultural Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 and PSYC 3510 with grades of C or higher, or equivalent

DESCRIPTION The influence of culture on human cognition, emotion, and behavior with focus on theory and research in developmental, personality-social, health, and organizational psychology. Global Perspectives Course.

PSYC 4040 Developmental Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher, or equivalent

DESCRIPTION Current scientific thinking about development, focusing primarily, but not exclusively, on the development of human infants and children.The integration of theoretical, research, and practical orientations is emphasized. Topics include genetics and prenatal development, infancy, language acquisition, and the cognitive and social developments of early and middle childhood.

PSYC 4050 Drugs and the Nervous System

CREDIT HOURS 3.0

PREREQUISITES PSYC 1100 or PSYC 2050, and PSYC 3510 with grades of C or higher, or consent of instructor

DESCRIPTION This course provides an in-depth and advanced exploration of the neuronal and chemical mechanisms underlying psychoactive drug action as well as compulsive drug usage. The focus will be both on drugs of abuse as well as pharmacological interventions in neural/behavioral disorders.

PSYC 4100 Cognitive Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101, PSYC 3510, and PSYC 3530 with grades of C or higher, or equivalents

DESCRIPTION Describes cognitive phenomena, explains and utilizes research methods in cognitive psychology, discusses theories about the phenomena, and considers assumptions on which the theories and research are based.

PSYC 4105 Cognitive Neuroscience

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000 or PSYC 3530 with a C or better

DESCRIPTION Human cognition and perception and their neuropsychological correlates as revealed by functional imaging techniques and clinical populations. Selected topics include basic neuroanatomy and brain imaging techniques and their application to the study of attention, memory, imagery, concept formation, language, problem solving, creative thinking and intelligence. Target student groups: NEUR and PSYC majors. Cross-listed with: NEUR 4020.

PSYC 4110 Physiological Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher and PSYC 3510 and PSYC 3530 with grades of C or higher, or equivalents

DESCRIPTION Explores the relations between biological and mental processes. Nervous system functions in the control of behavior are emphasized. The anatomy, physiology, and chemistry of the nervous system are reviewed, and the scientific analysis of the relations of these biological processes to psychological phenomena is presented. Evidence from research involving both the physiological manipulation of animal models and the accidental and pathological alterations of humans included.

PSYC 4116 Primate Behavior: Field and Laboratory

CREDIT HOURS 3.0

PREREQUISITES BIOL 3840 or PSYC 4110 with grade of C or higher, or equivalent, or consent of instructor

DESCRIPTION Two lecture and two laboratory hours a week. Non-human and human primate origins of cognition, language, mythology, rituals, tool use, nonverbal expressions, symbolism, sexuality, and aggression.

PSYC 4120 Learning

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101, PSYC 3510, and PSYC 3530 with grades of C or higher, or equivalents

DESCRIPTION Describes learning phenomena, explains and utilizes research methods in learning, discusses theories of learning, and considers assumptions on which the theories and research are based.

PSYC 4125 Learning Lab

CREDIT HOURS 1.0

PREREQUISITES PSYC 4120 with a grade of C or higher, or equivalent, or current enrollment in PSYC 4120

DESCRIPTION Students will experience laboratory activities related to the psychological study of learning. Topics and activities will include classical conditioning, operant conditioning, habituation and dishabituation, sensitization, relational learning, memory, and brain-behavior relations. Psychology majors, particularly those who plan to attend graduate school, are encouraged to register.

PSYC 4130 Sensation and Perception

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101, PSYC 3510, and PSYC 3530 with grades of C or higher, or equivalents

DESCRIPTION (Same as BIOL 4130.) Experimental analysis of sensory and perceptual processes at both a physiological and a psychophysical level. The five primary sensory systems will be covered: vision, audition, touch, taste, and smell.

PSYC 4140 Introduction to Psychophysiology

CREDIT HOURS 4.0

PREREQUISITES Upper division standing; PSYC 3510 and PSYC 3530 with grades of C or higher, or equivalent; and consent of instructor

DESCRIPTION Three lecture and two laboratory hours a week. A laboratory course on the area of psychology known as psychophysiology. Covers the use of physiological techniques in understanding psychological phenomena (e.g., sensation and perception, memory, language, etc.), the rationale and application of various psychophysiological methodologies including heart rate monitoring, electrodermal activity, the electromyogram (EMG), electroencephalogram (EEG, "brain waves"), event-related brain potentials (ERPs), and other types of brain imaging techniques (functional MRI, PET, and MEG). Demonstrates how these various measures inform scientists about the workings of the brain and peripheral nervous system in producing thinking and behavior.

PSYC 4160 Theories of Personality

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher, or equivalent

DESCRIPTION Includes Freudian psychoanalysis, derivatives of classic psychoanalysis, humanism, existentialism, and behaviorism. Lectures cover contributions of major theorists from each school, key theoretical points from each perspective, critiques of the value of and the limitations of each theory, and comparisons between theoretical ideas.

PSYC 4200 Neuroscience of Memory

CREDIT HOURS 3.0

PREREQUISITES PSYC 4110 C or better

DESCRIPTION Memory is relevant to everything we do; indeed, it is a challenge to identify a behavior that does not involve memory. This course will review classic and contemporary research on the neural mechanisms that underlie this remarkable feat.

PSYC 4210 Global Issues in Social Psychology

CREDIT HOURS 3.0

DESCRIPTION This survey course covers topics in social psychology from a global lens. Topics include cultural values, methodological equivalences, inter-cultural group conflict, self and identity, aggression and violence, attitudes about immigration and refugees, and altruism.

PSYC 4220 Introduction to Behavior Modification

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 and PSYC 3510 with grades of C or higher, or equivalent

DESCRIPTION Basic principles underlying behavior modification and behavior therapy. Emphasis is placed upon empirical findings.

PSYC 4250 Neuroscience of Motivation and Emotion

CREDIT HOURS 3.0

PREREQUISITES PSYC 4110 C or better

DESCRIPTION This course will provide the student with an in-depth and current understanding of the neuroscience underlying motivation and emotional states. The course will include readings from the primary research literature and reviews.

PSYC 4300 Adolescent Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher, or equivalent

DESCRIPTION Characteristics and theories of adolescent development.

PSYC 4330 Philosophy of Mind

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Crosslisted with PHIL 4330, 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.

PSYC 4340 Philosophy and Cognitive Science

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor (background in the sciences is not required)

DESCRIPTION Crosslisted with PHIL 4340. 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.

PSYC 4400 Psychology of the Atypical Child

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher, or equivalent

DESCRIPTION Problems of children with cognitive, physical, learning, or emotional difficulties or limitations, with emphasis upon diagnostic and corrective approaches.

PSYC 4510 Community Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher, or equivalent

DESCRIPTION Survey of community psychology, including its theoretical and political roots, research approaches, and models of prevention and intervention.

PSYC 4560 Psychology of Animal Behavior

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher, or equivalent

DESCRIPTION Psychological, genetic, physiological, and ecological bases of animal behavior. Basic adaptive mechanisms and their importance for understanding human behavior.

PSYC 4605 Psychological Perspectives on Intimate Violence

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher and PSYC 3510 and PSYC 3530 with grades of C or higher, or equivalents

DESCRIPTION In-depth consideration of psychological perspectives on the development and prevention of, and intervention for, intimate violence including a focus on the use of psychological research in public policy solutions.

PSYC 4610 Psychology of Aging

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher, or equivalent

DESCRIPTION (Same as GERO 4610.) Psychological contributions to the understanding, prevention, and treatment of normal and abnormal changes of later life.

PSYC 4620 Advanced Psychology of Women

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 and PSYC 3510 with grades of C or higher, or equivalent

DESCRIPTION Historical and developmental themes regarding the psychology of women, issues of capacities, choices, stereotypes, status, psychological adjustment, and diversity in women.

PSYC 4630 Hormones and Behavior

CREDIT HOURS 4.0

PREREQUISITES BIOL 3840 with grade of C or higher, or equivalent

DESCRIPTION (Same as BIOL 4241 and NEUR 4420.) Interaction of nervous and endocrine systems in the control of behavior of mammals, including humans, with emphasis on the mechanisms that adapt behavior to the changing physical and social environment.

PSYC 4650 Psychology: Special Topics

CREDIT HOURS 1.0 - 6.0

PREREQUISITES permission of the instructor

DESCRIPTION Topics presented by special request.

PSYC 4760 Research Practicum in Psychology

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Sophomore standing, Psychology GPA of 3.0 or higher, overall GPA of 2.5 or better, authorization by the department, and advising by the department advisor

DESCRIPTION Directed research involving the application of the principles and methods of psychology. Weekly supervisory meetings and written work are required. A full-time faculty supervisor is required. An off-campus supervisor may be used from community-based research practica with the permission of an assigned faculty advisor. This course may include a Signature Experience component.

PSYC 4770 Applied Practicum in Psychology

CREDIT HOURS 1.0 - 3.0

PREREQUISITES PSYC 3110 with grade of C or higher, or equivalent, sophomore standing, Psychology GPA of 3.0 or higher, overall institutional GPA of 2.5 or higher, authorization by the department, and advising by the department advisor

DESCRIPTION Directed experience in the application of the methods and principles of psychology in a non-research activity. Weekly supervisory meetings and written work are required. A full-time faculty supervisor is required. An off-campus supervisor may be used from community-based practica with the permission of an assigned faculty advisor. This course may include a Signature Experience component.

PSYC 4777 Moral Psychology

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level Philosophy course, or consent of the instructor

DESCRIPTION Crosslisted with PHIL 4770. Examination of how humans function in moral contexts and how this information may impact debates in ethical theory. Drawing from relevant literature in philosophy, psychology, neuroscience, and other sciences, topics may include moral judgment and intuitions, moral disagreement, reason and emotion, moral agency and responsibility, character traits and virtues, altruism and egoism, and moral development.

PSYC 4780 Neuroethics

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level Philosophy course, or consent of the instructor

DESCRIPTION Crosslisted with PHIL 4780. Neuroethics considers how ethical theories inform neuroscientific practice and how neuroscientific discoveries inform ethical theorizing. Topics may include ehtical protocols for neuroscience research, ethical and legal implications of neuroscientific research, and implications of neuroscience for debates about moral behavior and judgment.

PSYC 4800 Seminar-CTW

CREDIT HOURS 3.0

PREREQUISITES PSYC 3530 with grade of C or higher, be officially enrolled as a Psychology major, and be in good academic standing

DESCRIPTION Preparation and presentation of survey reports and summaries of recent advances and trends in major areas of psychology (preference to seniors). Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all psychology majors.

PSYC 4801 Seminar – Group I

CREDIT HOURS 3.0

PREREQUISITES PSYC 3530 with a grade of C or better

DESCRIPTION Preparation and presentation of survey reports and summaries of recent advances and trends in major areas of psychology (preference to seniors). Fulfills the requirement for Group 1, Advanced Required Courses, under Area G.

PSYC 4802 Seminar – Group II

CREDIT HOURS 3.0

PREREQUISITES PSYC3530 with a grade of C or better

DESCRIPTION Preparation and presentation of survey reports and summaries of recent advances and trends in major areas of psychology (preference to seniors). Fulfills the requirement for Group 2, Advanced Required Courses, under Area G.

PSYC 4803 Seminar – Group III

CREDIT HOURS 3.0

DESCRIPTION Prerequisite - PSYC 3530 with a grade of C or better. Preparation and presentation of survey reports and summaries of recent advances and trends in major areas of psychology (preference to seniors). Fulfills the requirement for Group 3, Advanced Required Courses, under Area G.

PSYC 4860 Advanced Research Practicum in Psychology

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Junior standing; 6 hours of PSYC 4760, Psychology GPA of 3.0 or higher, overall GPA of 2.5 or better, permission from faculty supervisor, authorization by the department, and advising by the department advisor

DESCRIPTION Directed research involving the application of the principles and methods of psychology that goes above and beyond research conducted in PSYC 4760. Weekly supervisory meetings and a final written project are required. A full-time faculty supervisor is required. An off-campus advisor may be used for community-based research practica with the permission of the practicum coordinator. This course may include a Signature Experience component.

PSYC 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

PSYC 4880 Honors Thesis: Writing

CREDIT HOURS 3.0 - 6.0

PREREQUISITES PSYC 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

PSYC 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

PH PUBLIC HEALTH

PH 2000 Introduction to Public Health

CREDIT HOURS 3.0

DESCRIPTION This course will introduce students to the history and philosophy of public health, as well as the core values, concepts and functions that guide public health work in the United States and globally. Examining health and health related needs from a population-based perspective, students will have the opportunity to identify the impact that social, behavioral, biological and environmental factors have on health and health disparities. Students will learn how public health affects them in their everyday lives. Using case studies, vignettes, and extensive examples, they will learn and apply frameworks for thinking about the issues of public health. They will gain a deeper understanding about the health news they hear, the web sites they visit, and the research they read.

PH 2001 Fundamentals of Epidemiology

CREDIT HOURS 3.0

DESCRIPTION This course introduces learners to population based approach to health and describes the full range of options for intervention to promote health and prevent disease. The course will cover basic principles of epidemiology, including epidemiological measures, association and causality, descriptive and analytic epidemiology, and outbreak investigation. Students will gain a deeper understanding of the role of epidemiology in the policy arena. 3.000 Credit hours.

PH 2020 Determinants of Health

CREDIT HOURS 3.0

DESCRIPTION Health is a function of multiple determinants: biological, genetic, cultural, economic, and structural. This course will explore the contribution of each to the concept of health and to the actual state health of persons and populations. It will focus on the history of the concept of health, and on current disparities and inequalities in the state of the population health that are attribuatale to these determinants. In considering specific disease entities, readings, didactic sessions, discussions, and assignments will focus on the interrelationship of determinants, and the extent to which each plays a role in health disparities. Ethical considerations in research and public health programs will be a major focus.

PH 3004 Chronic Disease Epidemiology

CREDIT HOURS 3.0

PREREQUISITES PH 3001

DESCRIPTION The course will reinforce epidemiologic principles and public health concepts in the context of chronic diseases and associated risk factors. Topics will include the application of epidemiologic methods in studies of chronic disease prevention and control and the importance of surveillance as a basis for public health interventions.

PH 3010 Introduction to Research Methods in Public Health

CREDIT HOURS 3.0

PREREQUISITES must be officially enrolled as Public Health major, PH 2000 or PH 3000, and PH 2010

DESCRIPTION This course provides a broad overview of the basic concepts and principles of scientific inquiry, introducing quantitative, qualitative, mixed methods, and participatory approaches to research and evaluation as well as ethical issues in conducting public health research. Topics include methods for planning and executing empirical research studies from formulation of problems, systematic review of empirical literature, and setting research objectives to study design, including methods of data collection, measurement, and analysis, to interpretation and communication of the results. Emphasis is placed on developing the ability to critically evaluate the application research methods presented in public health scientific literature. Critical Thinking through Writing (CTW) course for Public Health majors.

PH 3020 Statistical Reasoning in Public Health

CREDIT HOURS 3.0

PREREQUISITES PH 2000 or PH 3000, PH 2010, PH 3010 , and be officially enrolled as a Public Health major

DESCRIPTION This courses provides a broad overview of statistical methods commonly used in public health research. Topics include graphical and numerical summaries for describing the distributions of health outcomes in a population using representative but imperfect data samples and the classical inference techniques of hypothesis testing and confidence intervals for assessing the role of uncertainty in sample-based estimates. All topics will be considered through a conceptual and interpretive lens allowing students to critically focus on the implications and limitations of using empirical results for evidence-based decisions in public health policy and practice.

PH 3030 Fundamentals of Environmental Health

CREDIT HOURS 3.0

PREREQUISITES must be officially enrolled as Public Health major

DESCRIPTION This course will provide an understanding of the principles of environmental health. It will explore the environment's role in human health, how human activities affect the environment, and how the environment is regulated and controlled to protect health. The course will use a practical, problem-based approach to learning about the basic tools of environmental health. Students will learn about recognizing factors in the environment, how they affect human health, how to assess environmental exposures, and how to respond through public health measures. The course will feature lectures, discussions, presentation of community environmental health problems, and guest speakers from public health organizations.

PH 3035 Introduction to Maternal and Child Health

CREDIT HOURS 3.0

DESCRIPTION The goal of this course is to provide undergraduate level students with an overview of the biological, social and environmental determinants that relate to maternal and childrenâ⊠⊠s health. A broad range of topics will be introduced to provide students with knowledge about the domestic and global challenges that affect women, infants, children and families. In addition to covering a wide array of biological determinants of health, the course will also cover social and environmental factors that impact the area of maternal and child health.

PH 3040 Public Health Careers and Profession

CREDIT HOURS 3.0

DESCRIPTION This course focuses on career planning and development issues for public health majors. Using a combination of lecture, readings, and exercises, students will be able to explain the history and philosophy of public health as well as the profession's core values, concepts, and functions across the globe and in society today. Students will be exposed to information designed to assist in clarification, selection, and pursuit of a career in public health. Topics include an overview of the undergraduate major in public health, career options in public health and allied-public health fields, preparation for employment with a bachelor's degree, preparing for success in graduate school, and applying for a job or graduate school.

PH 3120 Historical Aspects of of Public Health and Medicine

CREDIT HOURS 3.0

DESCRIPTION This course will cover the major discoveries, developments, and advances in the field of medicine and public health. It will examine the intellectual and technological processes that produce advancements, and critically examine the public and professional debates about the application of such changes in society.

PH 4010 Fundamentals of Health Policy

CREDIT HOURS 3.0

PREREQUISITES PH 2000 or PH 3000, must be officially enrolled as a Public Health major or be a pre-public health major and obtain enrollment authorization from advisor

DESCRIPTION This course introduces and describes the U.S. health care system, and examines healthcare delivery and healthcare policy from a public health perspective. The historical basis for the systemâ⊠⊠s organization will be discussed, as well as the various modes of health care delivery and the ways health care is organized, financed and delivered in the United States. Comparisons between healthcare delivery and policy in the United States and other developed countries will be discussed. Many of the contemporary health policy problems facing federal, state, and local policymakers today will be discussed, with emphasis on the consequences for vulnerable populations. Students who complete the course will gain a basic understanding of the organization, functions, and delivery of health care by the many components of the U.S. system.

PH 4020 Introduction to Public Health Program Implementation and Evaluation

CREDIT HOURS 3.0

PREREQUISITES PH 2000, PH 2010, and be officially enrolled as a Public Health major

DESCRIPTION Public health programs are created to promote wellness and the prevention of disease. This course is designed to cover the important steps of the program development cycle from conducting needs assessments; designing and planning programs; ensuring implementation fidelity; and measuring program impacts through evaluation approaches. Students will demonstrate how to utilize data to design programs, revise implementation plans, improve programs, introduce service innovation, address disparities, and demonstrate efficiency and effectiveness.

PH 4030 Social and Behavioral Dimensions of Public Health

CREDIT HOURS 3.0

PREREQUISITES PH 2000 or PH 3000, and be officially enrolled as a Public Health major or be a pre-public health major and obtain enrollment authorization from advisor

DESCRIPTION This course provides an overview of the theories and principles that can be used to explain how social factors and human behaviors influence health. It introduces the social, psychological, and cultural determinants of health behavior in urban and global settings. The course addresses conditions and phenomena that affect peopleâ⊠⊠s understanding, acceptance, and use of health information and, therefore, the design, implementation, and evaluation of community health interventions.

PH 4040 Public Health Communication

CREDIT HOURS 3.0

PREREQUISITES be officially enrolled as a Public Health major

DESCRIPTION Health communication is an area of study designed to impact the behavior, attitudes, and actions of individuals in various settings with the goal of improved health. This course provides students with a comprehensive introduction to the basic concepts of public-health specific communication. This course provides an overview to communication tools, including: technical and professional writing, the use of mass media, and electronic technology. Students will demonstrate the ability to synthesize and present tailored public health information to diverse audiences across multiple formats.

PH 4050 Health Equity and Disparities: Urban and Global Health Challenges

CREDIT HOURS 3.0

PREREQUISITES PH 2000 or PH 3000, PH 3001, be officially enrolled as a Public Health major or be a pre-public health major and obtain enrollment authorization from advisor

DESCRIPTION This course is designed to examine the difference between health equity and health disparities and the underlying historical, social, economic, cultural and political factors that affect health and disease outcomes across different populations. The course has a specific focus on examining these issues in urban and global environments. Students will examine how individual health is rooted in the broader context of social determinants; how access to goods and services can affect the health of communities as a whole; and how living in urban and global settings are particularly impacted by disparities.

PH 4060 Introduction to Public Health Informatics

CREDIT HOURS 3.0

PREREQUISITES PH 2000, be officially enrolled as a Public Health major or be a pre-public health major and obtain enrollment authorization from advisor

DESCRIPTION This course provides a general overview of the use of health information for population health surveillance, management, and improvement in quality and safety of health care delivery. Topics to be covered include: overview of electronic medical record systems and data coding and storage, public use datasets (e.g. BRFSS, NHIS, NHANES), coding systems, telehealth and telemedicine technologies, ethics in use of data for public health surveillance, and general methods for linking and sequencing data for support of population health surveillance, management, and improvement.

PH 4070 Introduction to Chronic and Infectious Diseases

CREDIT HOURS 3.0

PREREQUISITES PH 2000 or PH 3000, PH 3001, and be officially enrolled as a Public Health major or be a pre-public health major and obtain enrollment authorization from advisor

DESCRIPTION Instruction will be provided regarding the underlying science of human health and disease specifically focusing on understanding the factors related to infectious and chronic diseases. Among other things, Students will examine the epidemiological transition â the 20th century shift from a greater burden of disease caused by infectious disease to increased mortality resulting from chronic conditions particularly heart disease, diabetes, cancer and stroke which cause over 1.3 million deaths annually. The class will provide students with knowledge regarding chronic and infectious diseases that affect populations in the United States and globally.

PH 4135 Introduction to Disability and Public Health

CREDIT HOURS 3.0

PREREQUISITES PH 2000, PH 3001, PH 3010, and PH 4030

DESCRIPTION This course addresses the evolving view of disability in the field of public health. Course content is grounded on two observations â that people with disability with disabilities make up the largest minority group in the United States, and that they experience the same range of disparities in access, quality, and outcomes as other minority identities. This course will examine the health and well-being of people with disabilities within the social determinants of health framework. Topics will include: models and approaches to disability; a brief history of public health and overview of epidemiology; a brief history of disability rights; state and federal programs, policies, and legislation for people with disabilities; health promotion and the prevention of secondary conditions; persistent health disparities; sexual health; and designing public health interventions in ways that include individuals with disabilities.

PH 4230 Global Perspectives on Injury and Violence Prevention

CREDIT HOURS 3.0

PREREQUISITES PH 2000 or PH 3000, PH 2010, restricted to public health majors

DESCRIPTION This course will present an overview of the leading forms of injuries, their geographic variability, risk factors and comparative perspectives. Special emphasis will be placed on child maltreatment, youth violence, gender based violence, suicide and traffic crashes.

PH 4250 Introduction to Public Health Emergency Preparedness and Response

CREDIT HOURS 3.0

PREREQUISITES PH 2000, PH 2010, and restricted to public health majors

DESCRIPTION This course provides an overview of public health emergency preparedness and response concepts and practice. The laws, policies, practices, terminology, resources, and organization of emergency and disaster response efforts on the federal, state and local levels will be reviewed and discussed. Case examples of public health in action during emergency events and disasters will be analyzed. The course will identify best practices for emergency response planning, carrying out plans, and communicating with communities about disasters.

PH 4300 Introduction to Controversies in Public Health

CREDIT HOURS 3.0

PREREQUISITES PH 2000 or PH 3000

DESCRIPTION The course will explore contemporary problems in public health and U.S. society that result in controversy. The course will examine what makes something controversial, how public health issues within controversies are identify and analyzed, how controversy affects public health systems, implications for public health practice, and how to improve health literacy of the public about controversy. Through review and discussion of case studies, students will develop skills in research, analysis, public health policy, and risk communication.

PH 4350 Introduction to Workplace Safety and Health

CREDIT HOURS 3.0

DESCRIPTION This course introduces the student to the broad variety of health and safety issues that exist in occupational settings. An overview of the nature of various types of workplaces, including, mining, manufacturing, office, and health care settings are examined. The goal of the course is to provide students with information on the types of health and safety issues that exist in various workplaces. The student will be expected to be able to differentiate between workplace hazards arising from physical factors, such as heat, cold, exertion and ionizing and non-ionizing radiation, and chemical exposures. Students are also introduced to the concepts of the use of personal protective equipment and engineering controls for the protection of workers, as well as understanding the role of regulatory agencies.

PH 4400 Introduction to Health Management and Administration

CREDIT HOURS 3.0

PREREQUISITES PH 4010

DESCRIPTION This course introduces and describes current approaches to health care management and the roles and functions served by the professional health care manager. A variety of health care settings are examined, including hospitals, clinics, nursing home, as well as the varied scope of health care needs and services present within each. Important issues in health care management are covered, including managing costs and revenues, financing health care and health insurance, human resources management, quality improvement, teamwork, ethics, and fraud and abuse. Additionally, the course includes a focus on cultural competency in the context of health care management, planning, and delivery.

PH 4880 Public Health Study Abroad

CREDIT HOURS 1.0 - 12.0

PREREQUISITES Instructor Approval

DESCRIPTION Through international travel, this course will provide an educational and cultural opportunity for students interested in global public health research and public health practice as conducted in other areas of the world. Students may study a variety of public health issues, engage in community-based research, and/or provide support to public health organizations in their host city and country. This course number serves as a generic number for study abroad programs sponsored by or done in partnership with the School of Public Health. An in-country experience is a required segment of the course. Specific region and/or discipline focus may vary by offering. Most public health study abroad opportunities are applicable to all degree levels. If an opportunity is only applicable to a certain degree level, the corresponding degree level restriction will appear on that specific study abroad course offering and in its course listing comments area. Also, this course is variable credit - the instructor will inform students on the appropriate amount of credit hours students should register for given their planned course workload. Students must adjust their own variable credits prior to the end of registration. (http://registrar.gsu.edu/registration-guide/how-to-change-credit-hours-for-variable-hours-courses/). Contact the School of Public Health for the current list of study abroad options (http://publichealth.gsu.edu/academic/study-abroad). Finally, this course does NOT fulfill the Bachelor of Science in Public Health Signature Experience requirement. Students wanting to fufill their Bachelor of Science in Public Health Signature Experience requirement with a study abroad experience should register for course: PH 4992 Public Health Signature Experience: Global.

PH 4991 Signature Experience Prospectus

CREDIT HOURS 1.0 - 6.0

PREREQUISITES PH 2000, PH 2010, PH 3001, PH 3010, PH 3020, PH 3030, PH 4010, PH 4020, PH 4030, and Permission of Undergraduate Program Coordinator or Public Health Major Advisor

DESCRIPTION This course is the first of a two course sequence required to meet the area H requirements of the GSU Signature Experience. Public Health Signature Experiences gives public health majors the opportunity to integrate, synthesize and apply their public health knowledge through cumulative and experiential activities. In this classroom based course, students will complete a variety of projects, and written assignments designed to assess the studentâ⊠⊠s acquisition of the required public health competencies covered within the public health major. Mastery of these competencies is required to receive the BSPH degree. The course encompasses a holistic review of the field of public health while integrating student reflection on what they have learned and how they may apply their knowledge to future educational and career aspirations. In this course students will develop a detailed project proposal to guide their applied signature experience which will be completed in one of five categories â⊠⊠ Global, Research, City, Service Learning or Professional- during the second course in the sequence.

PH 4992 Signature Experience Capstone

CREDIT HOURS 1.0 - 6.0

PREREQUISITES PH 2000, PH 2010, PH 3001, PH 3010, PH 3020, PH 3030, PH 4010, PH 4020, PH 4030, and Permission of Undergraduate Program Coordinator or Public Health Major Advisor

DESCRIPTION Public Health Signature Experiences (SE) gives public health majors the opportunity to integrate, synthesize and apply their public health knowledge through cumulative and experiential activities. In this capstone course, students carry out their approved

capstone proposal and complete their public health signature experience in one of the five categories â Global, Research, City, Service Learning, or Professional. Global experiences are typically done through international travel, studying a variety of public health issues, engaging in community-based research, and/or providing support to public health organizations in another country. Research experiences usually involve joining a research team or working with an individual, public health faculty member on his/her research, and learning more about the research process in the public health discipline. City experiences provide an educational and cultural opportunity for students to explore the public health capital of the world: Atlanta, and engaging in regional and global public health entities, learning about the unique challenges of the urban Atlanta environment, exploring public health issues Atlanta has and continues to face, and/or providing support to public health organizations in the Georgia capital city. Service learning is done through direct service with local community groups or Non-Governmental Organizations, or completion of a project with a public health community partner, such as a business plan, fundraising event or social media campaign, and these service learning activities may be done individually, or in special cases, with a class group working toward a particular service learning opportunity. Finally, signature experience internships are completed through a planned, supervised and evaluated internship experience, where public health students are given the opportunity to observe and participate in public health work in a variety of governmental or non-governmental agencies and organizations, including local, state, national and international public health agencies. Internship sites, supervisors, and planned work activities must be approved in advance of the course start date and pre-approval deadlines are set by the School each semester. All of these experiences results in the production of a culminating product that is evaluated by a faculty member.

PMAP 3005 Career Planning & Management

CREDIT HOURS 3.0

DESCRIPTION Principles, methods, and practice in achieving career goals with emphasis on the exploration of career opportunities, identification of strengths, resume development, cover letter composition, interviewing, salary and benefits negotiations, networking, professional image, and the use of technology in achieving career goals.

PMAP 3011 Policy and Politics in the American City

CREDIT HOURS 3.0

DESCRIPTION This course is designed to introduce students to the study of policy and political issues in American cities. It draws upon a variety of the social sciences to answer questions such as how cities have changed over time, what kinds of people live in cities, why people and things are located where they are in cities, how people in cities earn a living, and how cities are governed. Often, Atlanta will serve as a case study for illustrating many of the issues that will be considered. Cities Perspectives Course.

PMAP 3021 Citizenship in the Local Community

CREDIT HOURS 3.0

DESCRIPTION Citizenship is a basic component of a democratic society. Students in this course learn the structure of the federal system as well as the responsibilities and obligations of an individual to government at all levels. Emphasis is placed on the variety of roles an individual can play in relationship to the public sector. The role of the individual as a part of the larger community is also considered. Students are expected to become active participants in public and community affairs. This course may include a Signature Experience component.

PMAP 3031 Policy Leadership

CREDIT HOURS 3.0

DESCRIPTION The course introduces students to leaders from a variety of backgrounds. These individuals have led organizations in the business, nonprofit, and public sectors. Each will share his or her perspective on leading an organization through policy changes. Opportunities for reflection on these presentations will permit students to compare the practice and theory of policy leadership. A special emphasis is placed on ethical issues in leadership.

PMAP 3111 Urban Political Economy

CREDIT HOURS 3.0

DESCRIPTION An examination of the intersection of the political and economic systems in the United States and how they impact urban areas. Of particular interest are urban development policies. Cities Perspectives Course.

PMAP 3210 Introduction to Nonprofits

CREDIT HOURS 3.0

DESCRIPTION The course provides an overview of the nonprofit sector in society with a consideration of the nonprofit sector's relationship to government and business. Attention will be given to the social settings in which nonprofit organizations function, the role of the nonprofit sector in the economy, and the range of services these organizations produce. The intent of the course is to increase students' awareness of the role and importance of the nonprofit sector and the potential of nonprofits as a place for employment. The class is required for all students in the Nonprofit Leadership concentration in the BS degree with a major in Public Policy.

PMAP 3211 Career Development in Public and Nonprofit Organizations

CREDIT HOURS 3.0

DESCRIPTION This course focuses on policies and methods used to align the career plans and aspirations of employees with the goals and critical skills needs of public and nonprofit agencies. Major career development system components are examined, including targeted selection, job enrichment, fast-tracking, core competency asessments, work-family programs, diversity initiatives, executive development, and succession planning. Career planning and development issues and problems that affect persons during different career and life stages are addressed.

PMAP 3213 Nonprofit Financial Resources

CREDIT HOURS 3.0

PREREQUISITES PMAP 3210

DESCRIPTION Nonprofit organizations support themselves through many different sources including charitable gifts and grants, government grants and contracts, earned income from fees, memberships and sponsorships, returns on investments, volunteer labor, and gifs-in-kind and other sources. This course is intended to introduce students to the practical considerations involved in developing and utilizing particular sources of income so that nonprofit organizations can effectively advance their particular missions, sustain the infrastructure of their organizations and remain financially healthy.

PMAP 3231 Nonprofit Leadership and Management

CREDIT HOURS 3.0

DESCRIPTION This course will examine the theorical and practical differences associated with leading and managing nonprofit organizations in contrast to for-profit and government organizations. Theories and analytic frameworks about leadership and management will be examined along with the appropriate roles and responsibilities of leaders and managers of nonprofit charitable organizations. In addition, other topics to be covered include, but are not limited to, board governance, philanthropy, program evaluation, public-private partnerships, and accountability. The role of leaders and managers will be integrated in all discussion topics throughout the course.

PMAP 3311 Critical Policy Issues-CTW

CREDIT HOURS 3.0

DESCRIPTION This course examines a selected number of critical issues in public policy. The course provides a view of how the processes of public policy operate from agenda setting through formulation and legitimation to implementation and eventual evaluation with examples drawn from several areas of policy. This course may include a Signature Experience component.

PMAP 3411 Contemporary Planning

CREDIT HOURS 3.0

DESCRIPTION This course introduces the student to the principles, issues, and practice of urban planning. It reviews the history of planning, models of the planning process, and issues in contemporary urban planning practice in several substantive specialities, including transportation, land use, environmental, and economic development planning. Cities Perspectives Course.

PMAP 3421 Urban Transportation Planning

CREDIT HOURS 3.0

DESCRIPTION This course will cover automobile, public transit, airport, bicycle, pedestrian, and non-traditional transportation modes. Land use, sprawl, demand management, coordinated human services, and project prioritization are topics which will be covered.

PMAP 3801 Public Administration and Politics

CREDIT HOURS 3.0

DESCRIPTION Bureaucratic polities and behavior in the political process. The role of bureaucrats in policy making and implementation agency strategies, relations with other executive agencies and with the legislature, the president, the judiciary and clientele groups.

PMAP 3831 Governmental Budgeting

CREDIT HOURS 3.0

DESCRIPTION (Same as POLS 3770.) A study of fiscal planning and management in the administrative process, budgetary theory, and the budget process.

PMAP 4041 Policy Data Analysis

CREDIT HOURS 3.0

PREREQUISITES MATH 1070, minimum C grade

DESCRIPTION This course focuses on quantitative research methods applicable to the study of public policy. Students will be introduced to the use of descriptive statistics as well as to the development and testing of empirical hypotheses using basic inferential statistical methods.

PMAP 4051 Evaluating Public Policy

CREDIT HOURS 3.0

PREREQUISITES MATH 1070 with a minimum C grade

DESCRIPTION This course will survey research methods applicable to the evaluation of public policy. Course topics will cover fundamental techniques and practice of program evaluation for effectiveness in program administration. The course contrasts deductive and inductive approaches as well as the advantages of using evaluation as a mechanism for program improvement.

PMAP 4061 Introduction to Policy Analysis

CREDIT HOURS 3.0

PREREQUISITES ECON 2105, ECON 2106 and MATH 1070 with a minimum C grade

DESCRIPTION The purpose of this course is to introduce students to the principles of policy analysis. The course will consider concepts such as market failure, public goods, and externalities, as well as other justifications for government involvement. The course will also consider the relationship between public goals and the design of policy and will survey the use of generic policy tools such as regulation, markets, and subsidies. These concepts will be presented using practical examples involving the public sector, and students will practice application through problem solving.

PMAP 4211 Human Resource Management Systems in Public and Nonprofit Organizations

CREDIT HOURS 3.0

DESCRIPTION This course provides an introduction to human resource management in public and nonprofit organizations. The course focuses on the myriad human capital issues and challenges facing today's leaders, managers, and human resource professionals in these 2 sectors. Topics covered include but are not limited to the recruitment, selection, motivation, rewarding, training, and retention of staff, equal employment opportunity, diversity, and employee productivity and job satisfaction in public and nonprofit organizations. Effective policies and best practices in the effective management of the changing workforce in the United States will be emphasized. Students will have an opportunity to explore selected topics in public and nonprofit human resource management in depth.

PMAP 4301 Local Governance

CREDIT HOURS 3.0

DESCRIPTION An introductory course for urban governance students and others interested in the management of local government. The course encompasses public administration, political science, management and other subjects. Cities Perspectives Course.

PMAP 4401 Urban Demography and Analysis

CREDIT HOURS 3.0

PREREQUISITES PMAP 3411

DESCRIPTION A course using computer spreadsheets and assigned readings to analyze planning and economic development issues. Case problems may include population, employment, land use, environmental, and transportation examples. Cities Perspectives Course.

PMAP 4411 Introduction to the Law for Public and Nonprofit Managers

CREDIT HOURS 3.0

DESCRIPTION This course provides a broad overview of the legal issues facing employees of public and non-profit entities. Special empahsis is placed on the legal rules and principles that guide public and nonprofit managers in administering their respective organizations. The course also considers how laws and regulations impact current working relationships between government and private concerns.

PMAP 4421 GIS Application to Planning and Policy Analysis

CREDIT HOURS 3.0

DESCRIPTION Geographic Information System (GIS) technology is widely used for planning and policy analysis in government agencies, and in the private and non-profit sectors. This introductory course provides students with a good conceptual foundation in data types & sources, coordinate systems, map design, spatial analysis and GIS applications. Students also learn the basic functions of ArcGIS software to integrate data from a variety of sources, conduct basic spatial analysis and produce quality map products. Cities Perspectives Course.

PMAP 4451 Economic Development Policy

CREDIT HOURS 3.0

PREREQUISITES PMAP 3411

DESCRIPTION An overview of recent literature and examples of options available to communities as they plan and finance economic development activities. Cities Perspectives Course.

PMAP 4901 Directed Readings

CREDIT HOURS 1.0 - 6.0

PREREQUISITES consent or instructor

DESCRIPTION This course provides the opportunity for students to focus attention on a specific area of interest. It may not be used to substitute for a course that is offered on a regular basis. This course may include a Signature Experience component.

PMAP 4911 Selected Topics

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION A seminar designed to explore in depth the most recent issues and/or research results in a particular area of urban affairs. May be repeated if topic varies.

PMAP 4941 Internship

CREDIT HOURS 3.0

REQUIREMENTS Placement must be approved by the department's internship coordinator, with faculty supervision during employment

DESCRIPTION The academic internship provides senior students with opportunities to broaden and extend their foundation knowledge from the classroom to the world of work. This course may include a Signature Experience component.

PMAP 4945 Internship II

CREDIT HOURS 3.0

DESCRIPTION This section is restricted to students with approval to receive 6 credit hours a 400-hour of internship work. Placement must be approved by the departmentâ⊠⊠s internship coordinator, with faculty supervision during employment. The academic internship provides undergraduate students with opportunities to broaden and extend their foundation knowledge from the classroom to the world of work.

EDRD READING EDUCATION

EDRD 2200 Reading for Undergraduate Success

CREDIT HOURS 3.0

DESCRIPTION The primary objective of this course is to support students in developing reading fluency in an academic context so that they may perform successfully in reading a variety of academic texts in their undergraduate courses across the disciplines. The course focuses on strategies for reading comprehension, developing vocabulary, recognizing main ideas, skimming, scanning, and inferring meaning from context. All reading skills addressed in this course may be applied to other academic courses in the university.

EDRD 3400 Reading the World of 21st Century Texts

CREDIT HOURS 3.0

DESCRIPTION This course will examine the act of reading texts effectively in the 21st century. Students will discuss what it means to be a literate person in a technological society and will explore constructs that relate to their understandings of texts, their literacy histories and communities, the academy, and national and international literacy sectors. Building on studentsâ prior knowledge and experiences, students will participate in unique and creative on- and off-line interactive activities and demonstrations to help them make sense of themselves as literate individuals, to help them develop strategies for reading and comprehending texts of all kinds, and to help them develop expertise in negotiating the rapidly changing technological world around them.

EDRD 3490 Topics in Middle Childhood Reading

CREDIT HOURS 3.0

DESCRIPTION Focuses on the reading process and on reading instruction as it relates to the needs of pre/early adolescent students in middle childhood. Major emphases include understanding the factors that affect reading, critical analyses of reading materials and strategies used in the content areas, understanding ways to facilitate students' learning from texts, and understanding interdisciplinary instruction. School experience included.

EDRD 3500 Assessment and Instruction of Middle Childhood Students with Reading Difficulty

CREDIT HOURS 3.0

DESCRIPTION This course involves pre-service 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. This course may include a Signature Experience component.

EDRD 3600 Family Literacy and Community Learning

CREDIT HOURS 3.0

DESCRIPTION This courses focuses on scholarship by literacy and language researchers who utilize diverse methodologies and practical applications in understanding familiesâ literate and community lives and learning. This course involves learning and working with diverse populations, in and out of school contexts, through nonprofit sectors and parent, family and community agencies for human learning and development. In addition, this course allows students to gain knowledge in family and school involvement, urban education, English as second language, and popular culture and digital and social media.

EDRD 4450 Concepts and Methods for Reading in Middle Childhood Education

CREDIT HOURS 3.0

PREREQUISITES Students must complete all Area G.1 and Area G.2 courses

COREQUISITES EDCI 4650, EDCI 4600, EDRD 4600 and EDMT 4460, EDRD 4450, EDSC 4470, or EDSS 4480

DESCRIPTION Provides the pedagogical content knowledge necessary for effective middle grades instruction in reading. Procedures for planning, implementing, and reflecting on reading instruction are applied in a school setting, including planning and managing of classroom literacy events based on assessment information. Additional emphases include a supervised classroom experience where students (1) examine ways of recording, analyzing, and using assessment information in daily classroom instruction; and (2) consider cultural, psychological, social, and political issues associated with traditional ability groups and design alternative approaches to ability grouping that meet students' needs.

EDRD 4600 Reading and Writing in the Content Areas-CTW

CREDIT HOURS 3.0

PREREQUISITES Students must complete all Area G.1 and Area G.2 courses

COREQUISITES EDCI 4650, EDCI 4600, EDRD 4600, EDMT 4460, EDRD 4450, EDSC 4470, or EDSS 4480

DESCRIPTION In this course students examine reading and writing instructional strategies and materials in the content area classroom. Emphases are on adolescent literacy development, the process of reading and writing in middle grades, the role of textbooks and trade books, concept development, comprehension, vocabulary, and study strategies. This course is a Critical Thinking Through Writing (CTW) course.

RE 3010 Real Estate Principles

CREDIT HOURS 3.0

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 7

DESCRIPTION This course is a prerequisite to all senior courses in real estate. It introduces the student to the nature of real estate and the principles of real estate analysis and utilization. Subjects include the real estate commodity and real property; the legal instruments involved in real property transactions; market analysis and the determinants of real estate values; the appraisal process and valuation techniques; investment and financial analysis; public aspects of real estate planning and land utilization; and technological impacts such as the Internet.

RE 4050 Real Estate Development

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 7

DESCRIPTION This course covers the real estate development process focusing on the physical/design dimension. It examines building economy through review of design, construction, and analysis procedures such as the site suitability analysis, cost engineering, and life cycle-costing. The course considers the impact of technology and virtual economic arrangements on the form and design of physical structures and the function of changing technical and economic activities on space needs. Traditional and technical databases and resources such as the Internet are incorporated.

RE 4100 Residential Property Valuation

CREDIT HOURS 3.0

PREREQUISITES RE 3010

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION CSP 1, 6, 7. This course covers the theory and techniques of appraising residential real estate by examining the principles of appraising, the appraisal process, and standards of performance. Elements of the Freddie Mac and Fannie Mae Uniform Residential Appraisal Report will be treated. The residential sales comparison, cost, and gross income capitalization approaches to valuing residential properties are presented. Methods of collecting and analyzing primary and secondary data from a variety of sources such as the internet are presented and used in preparing a demonstration appraisal report. The student is prepared to challenge beginning professional designation examinations.

RE 4150 Real Estate Finance and Mortgage Banking

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours CSP 1, 2

DESCRIPTION Principles and methods of financing real estate, sources of funds, types and contents of financing instruments, and the role of various financing institutions, both private and governmental, are covered in this course. The latest electronic technology is incorporated wherever possible.

RE 4160 Real Estate Investment Analysis

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6, 7

DESCRIPTION In this course students apply investment principles and analytical techniques to decisions about real property. Emphasis is on the estimation of revenues, expenses, and risk/return relationships in investment valuation of real property, including yield rates and capitalization rates used in valuation as well as discounted cash flows. The effects of financing, income taxes, and entity selection upon investment performance are also considered. Students practice investment analysis using electronic technology.

RE 4410 Income Property Valuation

CREDIT HOURS 3.0

PREREQUISITES RE 4150 or RE 4160 or Consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION The focus of this course is on the market valuation of income producing real estate stressing the market, cost, and income approaches to value. Of importance is the evolving relevance of real estate valuation information to corporate financial reporting and the needs and functions of corporate and investment fiduciaries. Both normative and actual models of valuation are presented and contrasted. Sources of appraisal error and bias are also examined.

RE 4700 Real Estate Analysis

CREDIT HOURS 3.0

PREREQUISITES RE 4050, RE 4150 or RE 4160, BUSA 3110, BCOM 3001 or BCOM 3002

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CPS 1, 2, 6, 7

DESCRIPTION This course focuses on the application of concepts learned in the courses in the real estate major. Students may analyze comprehensive cases, work on integrated projects, and study current issues in the real estate industry. Assignments will provide experience in critical thinking and problem solving using both mathematical analysis and writing with the support of appropriate technology.

RE 4800 Applied Real Estate Market Analysis

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6, 7

DESCRIPTION In this course students examine the processes used to analyze supply and demand in the real estate market. The course focuses on using research methodologies to define the scope of analysis; identify data needs; collect information from various sources, including on-line resources; and interpret the results. Applications to different property types are discussed. Current market trends are also examined.

RE 4810 Management of Real Estate Assets

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6, 7

DESCRIPTION This course provides the basic knowledge and skills in the area of management of real property. Factors affecting cash flows are examined as well as the impact of human behavior on the acquisition, holding, and disposition of properties. Topics may include property management, planning/control and marketing techniques, electronic database management and analysis, real estate brokerage and asset management techniques, negotiation, and e-commerce aspects of real estate asset management.

RE 4950 Urban Development Regulations

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 7

DESCRIPTION This course is concerned with the governmental constraints applied to the physical growth and development of urban areas. The course materials trace the development of the rules, regulations, enabling acts, codes, ordinances, administrative practices, and related procedures as they apply to the growth, development, and redevelopment of cities, suburbs, and countryside.

RELS 2001 Introduction to World Religions

CREDIT HOURS 3.0

DESCRIPTION Introduction to the academic study of the world's major religious traditions, including their beliefs, practices, sacred texts, and moral codes. Religions to be examined may include Buddhism, Hinduism, Confucianism, Taoism, Shinto, Judaism, Christianity, Islam, Native American traditions, and African religions.

RELS 3060 Religion and Science

CREDIT HOURS 3.0

DESCRIPTION Explores contemporary perspectives on the relation between religion and science as well as historical conflicts that arose over new forms of scientific knowledge. Topics may include the Galileo controversy, debates about Newtonian physics, conflicts between creationism and evolution, scientific studies of prayer and the afterlife, and recent advancements in biomedical research.

RELS 3230 Philosophy of Religion

CREDIT HOURS 3.0

DESCRIPTION (Same as PHIL 3230.) Issues such as the nature of religion, arguments for the existence of God, the problem of evil, faith and reason, religious experience, immortality, myth and symbol, and alternative religious philosophies.

RELS 3250 Biblical Studies

CREDIT HOURS 3.0

DESCRIPTION Introduction to the interpretation, history, and theology of the Hebrew Bible and New Testament. Modern methods of biblical scholarship, such as hermeneutics and form/source criticism.

RELS 3260 Asian Religions in America

CREDIT HOURS 3.0

DESCRIPTION Introduction to the history and contemporary realities of Asian religious traditions in the United States, such as Buddhism, Hinduism, and Asian versions of Christianity or Islam. Consideration given to immigrant communities, American-born converts, and popular reception.

RELS 3270 Religious Traditions of the World

CREDIT HOURS 3.0

DESCRIPTION Survey and comparison of the beliefs and practices of the major world religions including Christianity, Islam, Judaism, Buddhism, and Hinduism. Global Perspectives Course.

RELS 3300 Early Christianity

CREDIT HOURS 3.0

DESCRIPTION Topics may include God, faith, the role of the Church, and the nature of human beings in the thought of figures such as Paul, Augustine and Aquinas; and alternatives to Orthodoxy such as Gnosticism, Arianism, and Pelagianism.

RELS 3305 Modern Christian Thought

CREDIT HOURS 3.0

DESCRIPTION Examination of the development of Christian thought from the 16th century to contemporary times. Topics may include the thought of figures such as Luther, Kierkegaard, and Schleiermacher; the rise of rationalism and science; and anti-Christian thinkers.

RELS 3310 Contemporary Religious Thought

CREDIT HOURS 3.0

DESCRIPTION Topics such as religious existentialism, hermeneutics, liberation theology, fundamentalism, and feminist theology. Global Perspectives Course.

RELS 3350 New Religious Movements

CREDIT HOURS 3.0

DESCRIPTION Examination of new and emerging religious movements. Topics may include recent apocalyptic and messianic movements, Mormonism, Baha'i, Soka Gakkai, Christian Science, the Unification Church, and Santeria.

RELS 3400 Introduction to Judaism

CREDIT HOURS 3.0

DESCRIPTION (Same as MES 3400.) Central practices and beliefs of the Jewish tradition; historical development of Judaism from its origins to the re-establishment of the state of Israel with thematic attention given to the concept of Jewish identity. Texts include primary sources (e.g., Hebrew Bible, Mishnah) in translation, as well as noted Jewish fiction.

RELS 3500 Introduction to Islam

CREDIT HOURS 3.0

DESCRIPTION (Same as MES 3500.) Central practices and beliefs of Islam; readings from the Qur'an, hadith, and other primary sources (in translation); and contemporary issues in Islam which might include the status of women, Nation of Islam, and Islamic fundamentalism/revivalism.

RELS 3520 Sufism and Islamic Mysticism

CREDIT HOURS 3.0

DESCRIPTION (Same as MES 3520.) This course offers an advanced survey of some of the most distinguishing characteristics of Sufism. Topics to be covered include: The rise of ascetic and mystical tendencies in Islam; the development of Sufism and the Sufi brotherhoods; the conflict between Sufism and Islamic law, and their eventual reconciliation; anti-Sufi polemics of reformers and fundamentalists in modern times; the continuing importance and vitality of Sufism today.

RELS 3530 Muslim Women: Issues and Practices

CREDIT HOURS 3.0

DESCRIPTION Examines the ways that Muslim women have been portrayed as victims of patriarchal norms, as well as the ways in which Islam has provided Muslim women with a platform to engage in action in public and private arenas. Explores the historical conditions within which gender norms and practices associated with Islam have become sites of contestation.

RELS 3700 Topics in Religious Studies

CREDIT HOURS 3.0

DESCRIPTION Introduction to a selected topic in religion. May be repeated if topic varies, but only six credit hours (in combination with RELS 4700) may be applied toward the major.

RELS 3750 Theories and Methods in Religious Studies-CTW

CREDIT HOURS 3.0

DESCRIPTION A writing-intensive introduction to methodological and theoretical issues in the academic study of religion. Psychological, anthropological, sociological, phenomenological, theological, dialogical, and feminist approaches may be covered. Serves as the Critical Thinking Through Writing (CTW) course required of all Religious Studies majors.

RELS 3900 Religion and Popular Culture

CREDIT HOURS 3.0

DESCRIPTION Exploration of "popular religion" in American culture, utilizing both scholarly and mainstream materials. Topics may include holiday celebrations, tensions between sciences (or science-fiction) and religion, western appropriations of eastern traditions, and religion in the mass media. Global Perspectives Course.

RELS 4030 Introduction to Human Rights

CREDIT HOURS 3.0

DESCRIPTION Introduces students to historical and contemporary debates around human rights. Drawing on scholarship from disciplines such as history, anthropology, sociology, political philosophy, religious studies, and literature, students will review case studies in order to bring different scholarly perspectives to bear on human rights claims in a globalized world.

RELS 4040 Augustine and Aquinas

CREDIT HOURS 3.0

DESCRIPTION (Same as PHIL 4040.) Selected works of the major religious philosophers of the Middle Ages with emphasis on their views on topics such as God, sin, human nature, free will, faith, and politics.

RELS 4080 Religious Dimensions in Human Experience

CREDIT HOURS 3.0

DESCRIPTION Examines religions as integral aspects of human cultures. Integrates theoretical and methodological approaches to religious studies that center on human experiences, expressions, practices and beliefs with examples from particular historical and geographical locations. Topics and source materials may include material culture, archaeology, visual culture, literature, aesthetics, film and ethnography.

RELS 4090 Jesus Inside and Outside the Gospels

CREDIT HOURS 3.0

DESCRIPTION Comparative study of portrayals of Jesus as they have evolved over the past two millennia. 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., Qur'an, Gandhi's "What Jesus Means to Me"), and visual depictions of Jesus, including in modern media such as film and the internet.

RELS 4100 Religious Studies Study Abroad

CREDIT HOURS 3.0

PREREQUISITES Enrollment must be approved by program director

DESCRIPTION Provides students with opportunities to study religious life and practice outside of the United States. Includes travel to selected sites for visitation and study led by faculty familiar with the site's history and religious significance. Also includes direct supervision of students' on-the-ground experience of religious life around the globe. Open to majors and non-majors. No foreign language necessary; instruction will be in English. This course may include a Signature Experience component. Global Perspectives Course.

RELS 4200 Religions in America

CREDIT HOURS 3.0

DESCRIPTION Religion in the United States, from colonial times to the present. Introduces historical and social contexts for religion as well as the impact of religions, which may include Native American religions, African-American religions, Christianity, Islam, and Asian religions. Global Perspectives Course.

RELS 4225 Psychology and Religion

CREDIT HOURS 3.0

DESCRIPTION This course will survey the fields of psychology and religious studies. Addressing this tension, our course is designed to create a constructive, respectful dialogue between both perspectives. Can we conceive ways in which religious behavior and the study of religion may inform, or even construct, psychological theory. Conversely, how do psychological perspectives and cognitive science tell a richer, deeper story of what is happening in religious experiences. We will consider postmodern and qualitative critiques to such investigations, as well as the emerging field in "explaining" religion through cognitive science and evolutionary theory. This course will also consider Eastern forms of religious expression and spirituality.

RELS 4240 Death and the Afterlife

CREDIT HOURS 3.0

DESCRIPTION Introduction to the general beliefs and practices associated with death and the afterlife in several world religious traditions. Topics may include religious perspectives on the process of dying, treatment of the body, methods of grieving, views of suicide and martyrdom, and contemporary issues surrounding death and the afterlife.

RELS 4245 Cognitive Foundations of Religion

CREDIT HOURS 3.0

DESCRIPTION This course will explore the neural foundations and cognitive mechanisms of religious behavior and experiences. This course will also look at the evolutionary development of religion, the more recent findings in cognitive processing of particular religious beliefs, and the neural imaging of religious experiences.

RELS 4250 African-American Religion

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4250.) Survey of the development of African-American religion from colonial times to the present, including an examination of both theological arguments and spiritual experiences.

RELS 4255 Religion, Race, Nation

CREDIT HOURS 3.0

DESCRIPTION From colonialism to black nationalism to globalization, how do the three issues of religion, race, and nation affect each other. How has religious thought dealt with issues of race, and how has the concept of race been shape by religious thought. How do racial and religious communities differ. We will approach these questions using theory, world literature, and film.

RELS 4260 Religion and Literature

CREDIT HOURS 3.0

DESCRIPTION Examines how religious institutions, beliefs, and values have been presented in and challenged within novels. Readings include works by authors from various religious communities as well as theoretical work done by scholars working in the field of religion and literature.

RELS 4270 Women and Religion

CREDIT HOURS 3.0

DESCRIPTION Multicultural exploration of the role of women and female divinities in diverse religious traditions; readings from ancient myths to contemporary feminist theology.

RELS 4281 Racial Thought in Religion and Philosophy

CREDIT HOURS 3.0

DESCRIPTION This course will evaluate the logic of racial thought, its presence in religion and philosophy, and the difficult process of countering the resulting forms of racism that structure minds and lives. Global Perspectives Course.

RELS 4290 Pilgrimage

CREDIT HOURS 3.0

DESCRIPTION Exploration of the central role played by pilgrimage in world religious traditions, including study of its vital social and religious functions. Examples from Judaism, Christianity Islam, Hinduism, Buddhism, as well as theoretical readings on the phenomenon of pilgrimage.

RELS 4301 Animals and Religion: Between Animals and Gods

CREDIT HOURS 3.0

DESCRIPTION Are people born to sort, organize, classify, and order their environments. Do we impose order on nature, or do we observe an order inherent in nature. To what degree are our systems of classification culturally dependent. How do people negotiate competing ways of ordering the world. In this course, you will explore questions like these in relation to two populations against which we humans define ourselves: animals and gods.

RELS 4400 Internship in Religious Studies

CREDIT HOURS 3.0

DESCRIPTION Supervised work coupled with academic instruction. Students may propose internships they have been able to arrange (although these must be approved by the department faculty member supervising the internship and the undergraduate or graduate director, as appropriate). Students may also choose from several internship opportunities established by the department, including internships in the media, non-profit administration, business, and government. This course may include a Signature Experience component.

RELS 4450 Modern Judaism

CREDIT HOURS 3.0

DESCRIPTION (Same as MES 4420.) Key issues and historical events shaping Judaism in the modern world, including Zionism, the development of Jewish denominations, the Holocaust, Middle East conflict, women's roles in Jewish life, and the development of Judaism in the United States. No previous knowledge of Judaism is required; all readings are in English. Global Perspectives Course. Cities Perspectives Course.

RELS 4460 Judaism in the South

CREDIT HOURS 3.0

DESCRIPTION Examination of the historical and cultural development of Judaism in the American south. Topics may include Jewish immigrants, issues of assimilation, Jews and the Civil War, Jewish involvement in the Civil Rights Movement, the Leo Frank case, the Temple bombing in Atlanta, and contemporary issues in Southern Jewish life.

RELS 4465 Religion in the American South

CREDIT HOURS 3.0

DESCRIPTION Examines the historical and cultural development of Religion in the American South. Students will explore the increasing religious diversity in the â⊠⊠New Southâ⊠⊠ and discuss the ways in which southern religious values have shaped conversations on race, sex, gender, politics, nationalism, science, and social reform.

RELS 4470 Martin Buber: His Thought and Influence

CREDIT HOURS 3.0

DESCRIPTION An exploration of Buber's writings on subjects such as Hasidic folklore, Asian thought, dialogical philosophy, and Middle Eastern politics, with consideration of how his work has been received both inside and outside of Jewish circles.

RELS 4480 Modern Islam: Traditions and Transformation

CREDIT HOURS 3.0

DESCRIPTION The purpose of this course is to understand the Islamic tradition in the contemporary world through a study of its history, society, and institutions, as well as its various relationships to non-Muslim societies and cultures. The task is to try to gain familiarity with the multiple manifestations and transformations of Islam from the pre-modern to the modern periods, with an emphasis on the changes brought about by the rise of European hegemony and colonial modernity. As a survey, the course will review broad socio-historical patterns in order to give students the ability to better assess a range of contemporary issues related to Islam as well as provide a basis through which further investigations can be made.

RELS 4500 Ethics of Violence

CREDIT HOURS 3.0

DESCRIPTION In this course we will work our way through theoretical, ethnographic and fictional texts in order to explore the different ways in which violence has been examined as a dimension of human experience.

RELS 4570 Special Topics in Islam

CREDIT HOURS 3.0

DESCRIPTION (Same as MES 4440.) Investigation of a specific theme, figure(s), or text(s) within Islam, such as Islamic ethics, historical portrayals of Muhammad, or the Nation of Islam. May be repeated if topic varies.

RELS 4580 Life of Muhammad

CREDIT HOURS 3.0

DESCRIPTION (Same as MES 4450.) Study and contrast of various perspectives of the life of the Prophet Muhammad including medieval Muslim hagiographies, medieval European polemics, and modern reinterpretations of both Muslims and non-Muslims.

RELS 4610 Hinduism

CREDIT HOURS 3.0

DESCRIPTION Introduction to the Hindu gods and goddesses, Hindu temple and domestic worship, and key themes in modern Hinduism. Will include an overview of the development of Hindu thought and practice from ancient times to the present.

RELS 4612 Hindu Sacred Myths and Epics

CREDIT HOURS 3.0

DESCRIPTION Introduction to the classic religious texts in the Hindu tradition. Readings include selections from the Rig Veda, the Upanishads, the Satapatha Brahmana, the Yogasutras, the Mahabharata (including the Bhagavad Gita), devotional poetry, and writings from several modern Hindu religious leaders. All reading in English translation; no prior knowledge of Hinduism necessary.

RELS 4615 Introduction to Buddhism in Asia and the West

CREDIT HOURS 3.0

DESCRIPTION This course offers a selective historical survey of the Buddhist traditions in India, Southeast Asia, Tibet, China, Japan, and North America. Topics include the life and image of the Buddha, the four noble truths, the philosophy of emptiness, the discipline of meditation, ethics and popular practice, devotional cults, and the concept of nirvana.

RELS 4620 Introduction to Daoism, Confucianism, and the Religions of China

CREDIT HOURS 3.0

DESCRIPTION Selective historical survey of the Daoist, Confucian, Buddhist, and folk traditions of China. Topics will include gods and goddesses, ritual, questions of human nature, ethics, death and the afterlife, and mysticism.

RELS 4625 Introduction to Zen Buddhism, Shinto, and the Religions of Japan

CREDIT HOURS 3.0

DESCRIPTION Selective thematic survey of the Shinto, Buddhist, and folk traditions of Japan, with a special emphasis of Zen Buddhism. Topics include attitudes toward nature, the interpenetration of religion and the arts, monasticism and meditation practices, modern Zen philosophy, new religious movements, and the influence of the West.

RELS 4628 Topics in Asian Religion

CREDIT HOURS 3.0

DESCRIPTION Investigation of a selected topic within Hindu, Buddhist, Chinese, and/or Japanese religion. Possible topics include classical Taoist philosophy, new religions in Japan, Tibetan Buddhist texts, and human rights in Asian religion. May be repeated if topics varies.

RELS 4630 Comparative Study of Mysticism

CREDIT HOURS 3.0

DESCRIPTION In-depth study of mystical texts and traditions, with special attention given to theoretical and methodological inquiry. Readings drawn from a range of traditions and historical periods, as well as from works in contemporary critical theory in the study of religion.

RELS 4640 Religion and Sexuality: The Problem of the Erotic

CREDIT HOURS 3.0

PREREQUISITES at least one course in Religious Studies, or consent of instructor

DESCRIPTION Beginning with a reconstruction of ancient Greek and Roman sexual attitudes, the course examines how these attitudes and practices were inherited by, and changes by, later Jewish and Christian communities. After a study of the new medieval language of heresy and expulsion in Europe, the course turns to modern rehabilitations of Classical ideas in thinkers such as Freud and Foucault.

RELS 4645 Religion & Sex in Pop Culture

CREDIT HOURS 3.0

DESCRIPTION Explores religion and sexuality in forms of American popular culture such as music, television, motion pictures, fashion, print/nonprint media, and the internet. Students will also examine how popular culture has shaped religious debates about sexuality and been shaped by religious values.

RELS 4650 Religion and Ethics

CREDIT HOURS 3.0

DESCRIPTION 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 4680 War, Peace, and Religion

CREDIT HOURS 3.0

DESCRIPTION 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 4700 Issues in Religious Studies

CREDIT HOURS 3.0

DESCRIPTION Examination of a selected topic in religion. May be repeated if topic varies, but only six credit hours may be applied toward the major.

RELS 4750 Seminar in Religious Studies-CTW

CREDIT HOURS 3.0

DESCRIPTION A writing-intensive seminar focusing on a specific topic or sub-field. Required for all Religious Studies majors. May be repeated if topic varies. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all religious studies majors.

RELS 4870 Honors Thesis: Research

CREDIT HOURS 1.0 - 6.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis. This course may include a Signature Experience component.

RELS 4880 Honors Thesis: Writing

CREDIT HOURS 1.0 - 6.0

PREREQUISITES RELS 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

RELS 4890 Religion On-site in Atlanta

CREDIT HOURS 3.0

DESCRIPTION Introduces students to various local sites that express religious communities' traditions and practices in Atlanta. Provides instruction to students at local sites integrated with lectures and readings that explore the history and diversity of Atlanta's religious communities. Students will learn from on-site lectures presented by lead and guest instructors; from relevant historical documents; and from contemporary literature (secondary scholarship, relevant websites and blogs, community-published material). Students will be trained to integrate information from these sources and analyze them from an academic, critical perspective. Cities Perspectives Course. This course may include a Signature Experience component.

RELS 4950 Independent Research

CREDIT HOURS 1.0 - 3.0

PREREQUISITES consent of instructor and departmental director of undergraduate studies

DESCRIPTION Designed to provide students with the opportunity to do more advanced work in an area in which they already have had regular course work. Not to be used as a substitute for regular upper-level courses. May be repeated once, with approval of the director of undergraduate studies.

RELS 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

RT 1010 Cardiopulmonary Resuscitation (CPR)

CREDIT HOURS 2.0

DESCRIPTION An American Heart Association certified course in basic life support, including adult, pediatric, and infant resuscitation and foreign body airway obstruction. Students receive Basic Life Support (BLS) certification from the American Heart Association with successful completion.

RT 2011 Application of Physical Principles in Healthcare

CREDIT HOURS 3.0

PREREQUISITES MATH 1111, CHEM 1151K, CHEM 1152K or consent of instructor

DESCRIPTION This course describes the scientific basis for therapeutic and diagnostic techniques, and related equipment, with emphasis on physical and chemical principles of operation. Open to all university students.

RT 3005 Clinical Cardiopulmonary Physiology

CREDIT HOURS 3.0

DESCRIPTION Three lecture hours per week. A study of cardiopulmonary function as an introduction to understanding the pathophysiology of disease states. This course includes study of respiratory physiology, cardiac, and circulatory function with relevant clinical application of concepts. This course is also RT 6005.

RT 3020 Basic Life Support Instructor Course

CREDIT HOURS 3.0

PREREQUISITES BLS certification or RT 1010

DESCRIPTION Instruction techniques to include adult, pediatric and infant resuscitation and foreign body airway obstruction. Students receive certification after successful completion of course and monitoring of BLS instruction in RT 1010.

RT 3025 Patient Evaluation

CREDIT HOURS 4.0

DESCRIPTION Three lecture hours and two lab hours per week. A study of procedures for laboratory and clinical evaluation of the respiratory and critical care patient.

RT 3027 Pulmonary Diseases

CREDIT HOURS 3.0

DESCRIPTION A study of the pathophysiology, clinical signs and symptoms, diagnosis, management and prognosis of acute and chronic pulmonary diseases, with an emphasis on respiratory care. This course is also RT 6027. Serves as one of the two Critical Thinking through Writing (CTW) courses required of all Respiratory Therapy majors.

RT 3030 Pulmonary Diagnostics

CREDIT HOURS 3.0

DESCRIPTION Two lecture hours and two lab hours per week. A study of pulmonary diagnostic techniques, with an emphasis on pulmonary function testing and interpretation. This course is also RT 6030.

RT 3040 Respiratory Care Pharmacology

CREDIT HOURS 3.0

DESCRIPTION A study of pharmacological agents used in the treatment of cardiopulmonary disease and critical care, with an emphasis on inhaled bronchoactive aerosols. This course is also RT 6040.

RT 3050 Clinical Practice I

CREDIT HOURS 1.0

DESCRIPTION Four hours of clinical for four weeks. A preparation for and introduction to the hospital environment. Emphasis is placed on basic life support, introduction to the clinical affiliate, and medical gas therapy. This course is also RT 6050. This course may include a Signature Experience component.

RT 3051 Clinical Practice II

CREDIT HOURS 4.0

DESCRIPTION Sixteen hours of clinical per week, one hour of lecture. Clinical experience is provided in basic respiratory care procedures. The integration of equipment and patient care are emphasized. Case presentations are required to integrate clinical and classroom theory. This course may include a Signature Experience component.

RT 3052 Clinical Practice III

CREDIT HOURS 1.0

DESCRIPTION Five hours of clinical per week, one hour of lecture. Clinical experience is provided in the pulmonary function laboratory and in the intensive care setting to refine skills introduced in Clinical I and II. Case presentations are required to integrate clinical and classroom theory. This course may include a Signature Experience component.

RT 3055 Clinical Applications in Sleep Medicine

CREDIT HOURS 3.0

DESCRIPTION This course provides a basic introduction into sleep medicine and technology. Patient hookup procedures, sleep diagnostic equipment, EEG waveform recognition that make up a polysomnogram, recognition of various sleep problems and titration of therapy to treat those sleep abnormalities will be covered. Sleep clinics will be visited with students demonstrating skills in performance of a sleep study and the duties of a sleep technician including reading, scoring, and reporting a sleep study. Both adult and pediatric sleep disorders will be covered.

RT 3111 Respiratory Care Procedures I

CREDIT HOURS 4.0

DESCRIPTION Three lecture hours and two lab hours per week. A study of respiratory care treatment and support modalities, with associated equipment. Emphasis is placed on understanding application to patient situations, assessment of care, and principles of operation of equipment. This course is also RT 6111.

RT 3112 Respiratory Care Procedures II

CREDIT HOURS 3.0

DESCRIPTION Two lecture hours and two lab hours per week. A study of respiratory care treatment and support modalities, with associated equipment. Emphasis is placed on understanding application to patient situations, assessment of care, and principles of operation of equipment. A continuation of RT 3111.

RT 3500 Research Methods

CREDIT HOURS 3.0

DESCRIPTION This course is designed to provide students with an overview to the major research concepts as applied to the profession of respiratory care. Emphasis is on how to critically evaluate published and empirical research.

RT 4011 Ventilatory Support I

CREDIT HOURS 3.0

DESCRIPTION Three lecture hours and one lab hour per week. A study of methods of mechanical ventilatory support, including physiology and patient management, as well as equipment. This course is also RT 7011.

RT 4012 Ventilatory Support II

CREDIT HOURS 4.0

DESCRIPTION Four lecture hours and two lab hours per week. A study of methods of mechanical ventilatory support, including physiology and patient management, as well as equipment. A continuation of RT 4011. This course is also RT 7011.

RT 4020 Neurobiology of Sleep

CREDIT HOURS 3.0

DESCRIPTION Participants in this course will gain knowledge of contemporary theories regarding why humans need to sleep and the neural mechanisms contributing to the states of sleep and wakefulness. An emphasis will be placed upon the analysis of perturbations within specific neurotransmitter systems may manifest as sleep related disorders. The application and evaluation of pharmacological interventions used to normalize activity within those neural pathways will be covered.

RT 4051 Clinical Practice IV

CREDIT HOURS 4.0

DESCRIPTION Sixteen hours of clinical per week, one hour of lecture. A third course in the sequence of clinical rotations which provides instruction and experience in the adult critical care setting. Case presentations are required to integrate clinical and classroom theory. This course is also RT 7051. This course may include a Signature Experience component.

RT 4052 Clinical Practice V

CREDIT HOURS 5.0

DESCRIPTION Twenty-four hours of clinical per week. Clinical experience is divided into neonatal and pediatric care, and adult critical care. This course is also RT 7052. This course may include a Signature Experience component.

RT 4060 Advanced Critical Care Monitoring

CREDIT HOURS 2.0

DESCRIPTION A study of advanced cardiopulmonary monitoring used with the critical care patient. Topics include hemodynamic monitoring, ventilatory waveform analysis, and capnography.

RT 4070 Advanced Cardiac Life Support

CREDIT HOURS 2.0

DESCRIPTION The Advanced Cardiac Life Support (ACLS) course is designed to develop the participant's proficiency in providing care in a cardiorespiratory arrest. This course is offered over a ten-week period to allow for understanding of pathophysiology and the assimilation of the knowledge to carry out skills required in emergent circumstances. This course is also RT 7070.

RT 4075 Patient Care Management

CREDIT HOURS 3.0

DESCRIPTION An analysis of patient care management strategies for the respiratory therapist. Patient assessment and critical care management topics will be emphasized.

RT 4080 Pediatric Respiratory Care

CREDIT HOURS 2.0

DESCRIPTION This course introduces concepts of pediatric disease and ventilatory management. Childhood diseases and challenges of the Pediatric airway are discussed. This course is also RT 7080.

RT 4081 Neonatal Respiratory Care

CREDIT HOURS 2.0

DESCRIPTION The processes of growth and development relating to respiratory care from the fetus to the infant will be discussed. Techniques of diagnosis and treatment are discussed to enable the student to develop the processes needed to combine physiologic function with care modalities. This is also RT 7081.

RT 4082 Advanced Neonatal Respiratory Care

CREDIT HOURS 3.0

DESCRIPTION Advanced concepts in the evaluation, monitoring, and therapeutic modalities seen with common neonatal disorders, including respiratory distress syndrome, intracranial hemorrhage, pulmonary hypertension of the newborn, and others. A case study approach will be utilized.

RT 4085 Professional Practice: From Current Trends to Long-Term, Extended Care

CREDIT HOURS 3.0

DESCRIPTION An analysis of the current professional environment and the role of the respiratory therapist in that atmosphere are discussed. An overview of concepts, procedures, and long- term care and how the respiratory therapist's role is impacted interacting between the acute care facility and self-administered care in the patient's home is emphasized. Topics and emphasis may vary. This is a writing intensive course. This is also RT 7085. Serves as one of the two Critical Thinking through Writing (CTW) courses required of all Respiratory Therapy majors.

RT 4096 End of Life Issues

CREDIT HOURS 1.0

PREREQUISITES First year and 2nd year Respiratory Therapy courses

DESCRIPTION This course is designed to provide a broad overview of death and dying in United States. The growing need for quality palliative care, current gaps in care, and the scope of palliative care will be discussed in an attempt to introduce the student to current end-of-life issues.

RT 4950 Directed Readings

CREDIT HOURS 1.0 - 4.0

DESCRIPTION Readings course in respiratory therapy or other related area.

RT 4990 Special Topics

CREDIT HOURS 3.0

PREREQUISITES Consent of instructor

DESCRIPTION Individual study of a selected topic under the direction of a faculty member.

RMI RISK MANAGEMENT AND INSURANCE

RMI 3500 Introduction to Risk Management and Insurance

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6, 7

DESCRIPTION The primary focus of this introductory course is on evaluating life, health, retirement, property, and liability exposures to loss and analyzing the methods for managing these risks. Risk management and insurance techniques for dealing with potential losses to individuals and organizations are emphasized. This course is suggested as an elective for all majors.

RMI 3750 Risk Modeling

CREDIT HOURS 3.0

PREREQUISITES MATH 1113

COREQUISITES MGS 3100

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6 and 7

DESCRIPTION This course introduces students to the principles of probability theory and risk simulation analysis. Specific topics covered include probability theory; descriptive statistics and graphical representations of data; probability distribution functions including binomial, Poisson, Normal and other functions; sampling distributions and the Central Limit Theorem; estimation and goodness-of-fit tests; and static and dynamic Monte Carlo simulation models. Spreadsheet simulation exercises are used extensively to illustrate the concepts. The applications are drawn from a variety of areas where risk analysis has become important including finance, insurance, corporate risk management and personal financial planning.

RMI 4000 Personal Financial Planning

CREDIT HOURS 3.0

PREREQUISITES FI 3300

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6, 7

DESCRIPTION This course covers the process of comprehensive personal financial planning and explores the integrative use of financial services and products to achieve personal and financial objectives. The changing nature of the financial services environment is explored. Students are required to develop a comprehensive, personal financial plan.

RMI 4005 Introduction to Risk Analytics and Applications

CREDIT HOURS 3.0

PREREQUISITES RMI 3750

COREQUISITES ECON 4950

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 3, 6, 7

DESCRIPTION This class will cover three main themes wrapped around various applications in risk analytics. These themes are programming in software used in risk analytics (such as R, SAS, MATLAB, Stata), transparency and replication using principles of literate statistical programming, and risk communication. Students will have access to the various programming languages available on GSU's Virtual Computing Lab servers and will be able to create a portfolio of problem solutions to demonstrate programming ability in statistical modeling software. In addition, there will be presentations and reports demonstrating students' ability to communicate to technical and non-technical audiences.

RMI 4010 Life Insurance

CREDIT HOURS 3.0

PREREQUISITES RMI 3500

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6, 7

DESCRIPTION This course covers the nature and importance of life and health risks and the functions and uses of individual life and health insurance in treating these risks. From both the individual and the business viewpoints, techniques for evaluating life insurance, health insurance, and annuities are covered, including a review of the legal aspects of these contracts. This course is suggested as an elective for all majors.

RMI 4015 Contracts Risk Analysis

CREDIT HOURS 3.0

PREREQUISITES BUSA 2106 or RMI 3750

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 3, 4, 5, 6, 7, 8

DESCRIPTION Business is largely about transactions â to sell goods or services to customers (including the government), to obtain goods and service from vendors and suppliers, to merge or divest the company, to enter into joint ventures, to form international agreements, etc. Transactions generate revenue for the firm. Transactions that turn out differently than expected can cost income. This course examines many types of contracts and scenarios where contracts are essential to the business deal and explores how these contracts should be written to comply with legal requirements. Students will evaluate contracts for legal aspects, completeness as to business objective, contingencies and risk assessment, using law, enterprise risk management frameworks and quantitative methods and analysis.

RMI 4020 Property and Liability Insurance

CREDIT HOURS 3.0

PREREQUISITES RMI 3500

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6, 7

DESCRIPTION This course examines the major types of property and liability insurance. The structure, scope, and limitations of commercial property and liability contracts are analyzed. Coverage principles and concepts are emphasized. This course is suggested as an elective for all majors.

RMI 4025 Law, Policy and Risk Regulation

CREDIT HOURS 3.0

PREREQUISITES BUSA 2106 or RMI 3750

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 3, 7

DESCRIPTION This course focuses on why large portions of the American economy are subject to government regulation (rather than private regulation) in order to address risks posed to individuals, firms, and society and to acheieve particular public policy goals. Private regulations relp on agreements or litigation among private parties to change the behavior of individuals and firms. Congress and state legislatures create government agencies to address issues that they have concluded cannot or should not be addressed through private, regulations. These government agencies create, implement, and enforce government regulations. The course focuses on the risk management process by requiring students to identify risks in the legal context and assess those risks using analytic tools of law and economics.

RMI 4035 Financial Risk and Regulation

CREDIT HOURS 3.0

PREREQUISITES RMI 3750 or AS 4140

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course discusses the various types of risks faced by financial institutions such as banks and insurance firms: credit risk , market risk , operational risk, asset liability committee and organization of asset liability management. The main focus of the course is the measurement and management of these risks in a regulatory environment. This course introduces bank and insurance risk management. The course covers interest rate markets, equity markets, credit risk , operational risk, market risk, asset liability management, liquidity risk as well as capital management by banks and insurance firms.

RMI 4045 Advanced Financial Risk Management

CREDIT HOURS 3.0

PREREQUISITES RMI 4035

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course discusses the comprehensive strategy of risk management measures, objectives and hedging techniques that apply to all types of institutions. Advanced risk management techniques used to integrate different risk disciplines (credit risk, market risk, asset and liability management and performance measurement).

RMI 4150 Theory of Risk

CREDIT HOURS 3.0

PREREQUISITES MATH 1113 or RMI 3750

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6 and 7

DESCRIPTION This course will cover the microeconomic theory of decision making for risk-averse individuals and for corporations. The course also provides an introduction to models of adverse selection and moral hazard so students will understand the basics of risk sharing contracts in the presence of various information environments.

RMI 4300 Risk Management

CREDIT HOURS 3.0

PREREQUISITES RMI 3500 and BCOM 3950

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6, 7

DESCRIPTION This course examines the risk management process, the identification and evaluation of loss exposures, the analysis of the various risk control and financing techniques available to manage the exposures, decision making under conditions of uncertainty, and control mechanisms to monitor the results of the risk management program. Case studies, computer simulation, and work to reinforce the risk management concepts covered in the course are required. This course is suggested as an elective for all majors, especially accounting, finance, and management.

RMI 4350 Enterprise Risk Management

CREDIT HOURS 3.0

PREREQUISITES MATH 1111

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6, 7

DESCRIPTION This course introduces strategies that firms employ to enhance corporate value through their risk management function. The tools and concepts are relevant for both financial and non-financial institutions. The course focuses on risk management decisions from a corporate finance perspective rather than on the speculative use of financial derivative contracts or on the valuation of derivatives and insurance contracts.

RMI 4389 Directed Readings in Risk Management and Insurance

CREDIT HOURS 1.0 - 3.0

PREREQUISITES One RMI course and consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION

RMI 4391 Risk Management and Insurance Field Study

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Department approval

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course is designed to provide the senior-level under- graduate student with an opportunity to apply the business skills learned at the Robison College of Business (RCB) in an approved site off or on campus. The course immerses students in the planning and execution of complex activities involved in both large and small businesses.

RMI 4530 Employee Benefit Plans

CREDIT HOURS 3.0

PREREQUISITES MGS 3400

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6, 7

DESCRIPTION (Same as MGS 4385). This course examines the characteristics and design of employee benefit plans, including group insurance, pensions, and profit sharing. These plans are evaluated in terms of their cost and effectiveness. Consideration is given to employee communications, taxation, collective bargaining, social insurance systems, and international benefit programs.

RMI 4700 Insurance Operations

CREDIT HOURS 3.0

PREREQUISITES RMI 3500, and RMI 4010, and RMI 4020 and BCOM 3950, or consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6, 7

DESCRIPTION This course is designed to study the key operational activities of insurance organizations. It specifically covers marketing and distributions systems, underwriting, principles of ratemaking, reinsurance, and financial analysis. These functional areas are studied in the context of regulatory and public policy issues. Students analyze the operational and financial aspects of an insurance company.

RMI 4800 Commercial Insurance Underwriting

CREDIT HOURS 3.0

PREREQUISITES RMI 3500 and RMI 4020

DESCRIPTION This course will integrate commercial insurance submission and underwriting using simulations and case studies to follow the process from broker evaluation for risk and insurance identification, through insurer underwriting, rating, quotes and policy issuance.

RMI 4980 Problems in Risk Management and Insurance

CREDIT HOURS 3.0

PREREQUISITES A minimum of four RMI courses including RMI 3500, and RMI 4010, and RMI 4020, or consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6, 7

DESCRIPTION The principal focus of this capstone course for the RMI major is the study of current problems and issues in risk management and insurance.

RMI 4990 The Risk Analysis Clinic

CREDIT HOURS 3.0

PREREQUISITES Senior status and by perission

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 3, 4, 5, 6, 7, 8

DESCRIPTION The Risk Analysis Clinic course will provide the student with a real case study of a problem with Risk Analysis using real company data. Students will approach the problem as a consulting project, meet with the client, assess needs, undertake the analysis, and report results in both a written report and an oral presentation. As a result, students will work on a real project from a local firm from start to finish. Overall, students will gain experience interacting with a â customerâ and will practice providing critical review of other studentâs projects.

RUSS 1001 Elementary Russian I

CREDIT HOURS 3.0

DESCRIPTION Development of basic skills in listening, speaking, reading, and writing. Acquisition of grammatical structures. Students are introduced to various aspects of Russian culture. Not open to native speakers of Russian.

RUSS 1002 Elementary Russian II

CREDIT HOURS 3.0

PREREQUISITES RUSS 1001 with grade of C or higher, or placement into 1002

DESCRIPTION Development of basic skills in listening, speaking, reading, and writing. Acquisition of grammatical structures. Students are introduced to various aspects of Russian culture. Not open to native speakers of Russian.

RUSS 2001 Intermediate Russian I

CREDIT HOURS 3.0

PREREQUISITES RUSS 1002 with grade of C or higher, or placement into 2001

DESCRIPTION Continuing development of listening, speaking, reading, and writing skills. Vocabulary expansion; further work with grammatical structures. Russian culture presented. Not open to native speakers of Russian.

RUSS 2002 Intermediate Russian II

CREDIT HOURS 3.0

PREREQUISITES RUSS 2001 with grade of C or higher, or placement into 2002

DESCRIPTION Continuing development of listening, speaking, reading, and writing skills through the use of audio and video materials as well as literary and non-literary texts. Russian culture presented. Not open to native speakers of Russian.

EDSC 3250 Topics in Middle Grades Science

CREDIT HOURS 3.0

DESCRIPTION Develops basic content knowledge of nature of science, scientific inquiry, and scientific practices. Develops understanding of middle level school science topics. Emphasizes scientific reasoning skills, problem solving, using technology, and communicating scientific knowledge. May be repeated as topics vary. (lecture/lab course). (Repeatable).

EDSC 4470 Concepts and Methods in Middle Childhood Science

CREDIT HOURS 3.0

PREREQUISITES Students must complete all Area G.1 and Area G.2 courses

COREQUISITES EDCI 4650, EDCI 4600, EDRD 4600 and EDMT 4460, EDRD 4450, EDSC 4470, or EDSS 4480

REQUIREMENTS A minimum grade of "B" is required for this course

DESCRIPTION Provides the pedagogical content knowledge necessary for effective middle school science instruction. Procedures for planning, implementing, and reflecting on science instruction are learned in a school setting.

EDSC 4655 Principles of Science Instruction

CREDIT HOURS 3.0

COREQUISITES EDCI 4600

DESCRIPTION Examines the nature of secondary students and schools. Explores instructional materials, teaching strategies, technology, and effective teaching. Includes experiences in reflective teaching and micro-teaching. EDSC 6550 is cross listed with EDSC 4655.

EDSC 4755 Theory and Pedagogy of Science Instruction

CREDIT HOURS 3.0

COREQUISITES EDCI 4750

DESCRIPTION Examines current issues, strategies, materials, and technology related to the teaching and learning of science at the middle and secondary school levels. Science curriculum, teaching, and research in science education are investigated. EDSC 4755 is cross-listed with EDSC 7550.

SLIP 3010 Introduction to Interpreting-CTW

CREDIT HOURS 3.0

PREREQUISITES SLIP 3100, SLIP 3100L, and SLIP 3115 , each with a "C" or higher

DESCRIPTION This course is designed to provide an introduction to the profession of interpreting. This course details the ethical and professional responsibilities of the interpreter, the mental process of interpreting,the history of the field, laws related to interpreting,credentials, education, and terminology common to the profession. Critical Thinking Through Writing Course (CTW).

SLIP 3100 ASL Narrative and Discourse

CREDIT HOURS 6.0

PREREQUISITES ENGL 1101 and ENGL 1102 with a grade of "C" or higher. Admittance into SLIP upper division program through language assessment and interview

COREQUISITES SLIP 3100L

REQUIREMENTS SLIP 3100L MUST be taken with this course even if the student has taken and passed the lab previously.

DESCRIPTION This course is an advanced study of American Sign Language conversation and narrative. It is designed to provide a strong foundation for future interpreting courses. The primary focus is on complex grammatical features, vocabulary expansion and language fluency. This course is taught predominately in ASL.

SLIP 3100L Interpreting Lab I

CREDIT HOURS 1.0

PREREQUISITES Admittance into SLIP upper division program through language assessment and interview

COREQUISITES SLIP 3100

DESCRIPTION This is a skills laboratory to accompany SLIP 3100. Assignments are designed to reinforce classroom concepts.

SLIP 3115 Deaf History and Culture

CREDIT HOURS 3.0

DESCRIPTION This course offers an overview of issues related to persons who are Deaf and hard of hearing. Topics include types of hearing loss, history and education, legislation, employment, related services and organizations, the relationship of language and community, audiological vs. cultural deafness, the dynamics of deafness in the family. This course also studies the variety of cultures, experiences and perspectives among people who are deaf and hard of hearing. An instructor who is Deaf often teaches this course. Knowledge of sign language may be necessary.

SLIP 3200 Service Learning I

CREDIT HOURS 3.0

DESCRIPTION This course is designed for studentsâ active participation in community-based organizations both Deaf and Interpreter centered as well as other organizations that Deaf and Hard of Hearing citizens might access. Students will have the opportunity to expand their knowledge of community resources and needs, while developing critical thinking and problem solving skills. This course may include a Signature Experience component.

SLIP 3210 Service Learning II

CREDIT HOURS 3.0

PREREQUISITES SLIP 3200 with a grade of "C" or higher

DESCRIPTION This course is the second in a sequence of three designed for studentsâ active participation in community-based organizations both Deaf and Interpreter centered, as well as other organizations that Deaf and Hard of Hearing citizens might access. Students will have the opportunity to apply language skill, expand their knowledge of community resources and needs, and develop critical thinking and problem solving skills. This course may include a Signature Experience component.

SLIP 3220 Service Learning III

CREDIT HOURS 3.0

PREREQUISITES SLIP 3210 with a grade of "C" or higher

DESCRIPTION This course is the third in a sequence of three designed for studentsâ active participation in community-based organizations both Deaf and Interpreter centered as well as other organizations that Deaf and Hard of Hearing citizens might access. Students will have the opportunity to apply language skill, expand their knowledge of community resources and needs, and develop critical thinking and problem solving skills. This course may include a Signature Experience component.

SLIP 4000 Educational Interpreting

CREDIT HOURS 3.0

PREREQUISITES SLIP 4025 and SLIP 4025L with a grade of C or higher

DESCRIPTION This course is designed to provide students with a comprehensive look at interpreting in educational settings. Topics will include the role of the educational interpreter, educational interpreter credentials, language and service delivery modes, student development, classroom discourse and the application of the Code of Professional Conduct.

SLIP 4010 English to ASL I

CREDIT HOURS 3.0

PREREQUISITES SLIP 3100 with a grade of "C" or higher

COREQUISITES SLIP 4020L

DESCRIPTION In this course students translate and consecutively interpret discourse from English to American Sign Language. Instruction includes analysis of the text, understanding dynamic message equivalence, restructuring, and judging appropriateness when translating or interpreting consecutively.

SLIP 4020 ASL to English I

CREDIT HOURS 3.0

PREREQUISITES SLIP 3100, SLIP 3100L, and SLIP 3115 with a grade of "C" or higher

COREQUISITES SLIP 4010 and SLIP 4020L

DESCRIPTION In this course students translate and consecutively interpret discourse from American Sign Language to English. Instruction includes analysis of the text, understanding dynamic message equivalence, restructuring, and judging appropriateness when translating or interpreting consecutively.

SLIP 4020L Interpreting Lab II

CREDIT HOURS 1.0

PREREQUISITES SLIP 3100, SLIP 3100L, and SLIP 3115 with a grade of C or higher

COREQUISITES SLIP 4010 and SLIP 4020

DESCRIPTION This is a skills laboratory to accompany SLIP 4010 and SLIP 4020. Assignments are designed to reinforce classroom concepts.

SLIP 4025 Survey of Specialized Interpreting Settings

CREDIT HOURS 3.0

PREREQUISITES SLIP 4010, SLIP 4020, and SLIP 4020L , with a grade of "C" or higher

COREQUISITES SLIP 4025L

REQUIREMENTS SLIP 4025L MUST be taken with this course even if the student has taken and passed the lab previously

DESCRIPTION This course is designed to provide instruction in specialized topics related to interpreting in a variety of settings. Reinforcement of sign language skill, principles of interpreting and consecutive interpreting skill will be emphasized. These may include interpreting in the following settings: employment, religious, medical, telephone/video relay, legal, and/or mental health.

SLIP 4025L Interpreting Lab III

CREDIT HOURS 1.0

PREREQUISITES SLIP 4010, SLIP 4020, SLIP 4020L with a grade of "C" or higher

COREQUISITES SLIP 4025

DESCRIPTION This is a skills laboratory to accompany SLIP 4025. Assignments are designed to reinforce classroom concepts. Field observation of working interpreters is also included.

SLIP 4050 ASL to English II

CREDIT HOURS 3.0

PREREQUISITES SLIP 4025 and SLIP 4025L with a grade of "C" or higher

COREQUISITES SLIP 4060

DESCRIPTION In this course students interpret discourse consecutively and simultaneously from American Sign Language to English. Instruction includes analysis of the source text, understanding dynamic message equivalence, restructuring, and self-analysis while translating or interpreting.

SLIP 4060 English to ASL II

CREDIT HOURS 3.0

PREREQUISITES SLIP 4025 and SLIP 4025L with a grade if "C" or higher

COREQUISITES SLIP 4050

DESCRIPTION In this course students interpret discourse consecutively and simultaneously from English to American Sign Language. Instruction includes analysis of the source text, understanding dynamic message equivalence, restructuring, and self-analysis while translating or interpreting.

SLIP 4060L Interpreting Lab IV

CREDIT HOURS 1.0

PREREQUISITES SLIP 4025 and SLIP 4025L with a grade of "C" or higher

COREQUISITES SLIP 4050 and SLIP 4060

DESCRIPTION This course is a research and skills laboratory designed to support both expressive and receptive skill in conjunction with SLIP 4050 and SLIP 4060. Assignments are designed to reinforce ASL principles and interpreting strategies.

SLIP 4080 Practicum

CREDIT HOURS 6.0

PREREQUISITES SLIP 4050 and SLIP 4060 with a grade of "C" or higher

DESCRIPTION This course is a combination of actual interpreting experience under the supervision of an interpreter in the field, voluntary interpreting, interpreter observation, and a classroom seminar. The seminar includes discussion, role play and situational assessments based on student experiences in the field. Emphasis is placed on the Registry of Interpreters for the Deaf Code of Professional Conduct and its application in real-life scenarios. Students must complete all assigned interpreting hours and pass a comprehensive test of ASL/English interpreting skill. This course may include a Signature Experience component.

EDSS 3400 Topics in Middle Grades Social Science/History

CREDIT HOURS 3.0

DESCRIPTION Develops basic content knowledge of history and the social sciences. Develops understanding of school topics in world regions and emphasizes reasoning skills, problem solving, using technology, and inquiry in the social sciences.

EDSS 4480 Concepts and Methods in Middle Childhood Social Studies

CREDIT HOURS 3.0

PREREQUISITES Students must complete all Area G.1 and Area G.2 courses

COREQUISITES EDCI 4650, EDCI 4600, EDRD 4600 and EDMT 4460, EDRD 4450, EDSC 4470, or EDSS 4480

REQUIREMENTS A minimum grade of "B" is required for this course

DESCRIPTION Provides the pedagogical content knowledge necessary for effective middle school social studies instruction. Procedures for planning, implementing and reflecting on social studies instruction are learned in a school setting.

SW SOCIAL WORK

SW 2000 Introduction to Social Work

CREDIT HOURS 3.0

DESCRIPTION A survey of the profession of social work from an historical and contemporary perspective which examines how social workers seek to improve the well being of people and communities as they are affected by a wide range of social issues. The profession's commitment to social justice in rapidly changing multicultural world will also be explored.

SW 3000 Communication/Cultural Diversity

CREDIT HOURS 3.0

REQUIREMENTS Restricted to BSW students or with permission of the instructor

DESCRIPTION The purpose of this course is to establish good communication skills in both verbal and written form, to explore passive, aggressive, and assertive communication styles, and to understand the applicability of computers in facilitating and managing communications. The student also will develop an awareness and understanding of how human diversity influences ways in which individuals, families, groups, communities, and the larger society interface with service delivery systems. Issues related to ethics and confidentiality will be examined. Global Perspectives Course.

SW 3005 Career Planning & Management

CREDIT HOURS 3.0

DESCRIPTION Principles, methods, and practice in achieving career goals with emphasis on the exploration of career opportunities, identification of strengths, resume development, cover letter composition, interviewing, salary and benefits negotiations, networking, professional image, and the use of technology in achieving career goals.

SW 3200 Social Welfare Institutions

CREDIT HOURS 3.0

REQUIREMENTS Restricted to BSW students or with permission of the instructor

DESCRIPTION This course introduces social work students to the antecedents of the American welfare state and the development of the social work profession. Historical phenomena provide a background against which one examines not only what happened in the past, but also why certain events occurred, how they happened, and the consequences of their occurrence on the American social welfare system. Content about differences and similarities on the experiences, needs and beliefs of various population groups, and the resources provided by larger society to address varying population needs is examined. Both descriptive and analytical approaches are used to help explain the development and complexity of the American welfare state.

SW 3300 Human Behavior and the Social Environment I

CREDIT HOURS 3.0

DESCRIPTION This course is a study of human behavior during the developmental phases of infancy, early childhood, and adolescence. Biological, psychological, and social aspects of development are integrated to provide a comprehensive understanding of individuals within the context of social environments. Multiple theoretical perspectives are explored to guide practitioners in decision-making with regard to client assessment, intervention, and evaluation. This course serves as one of three Critical Thinking through Writing (CTW) courses required of all Social Work majors.

SW 3400 Human Behavior and the Social Environment II

CREDIT HOURS 3.0

PREREQUISITES HBSEI

DESCRIPTION This course is a study of human behavior during the developmental phases of young, middle, and late adulthood. Biological, psychological, and social aspects of development are integrated to provide a comprehensive understanding of individuals within the context of social environments. Multiple theoretical perspectives are explored to guide practitioners in decision-making with regard to client assessment, intervention, and evaluation. This course is the second in the HBSE series required of all Social Work majors.

SW 3500 Methods of Social Work Research

CREDIT HOURS 3.0

PREREQUISITES MATH 1070

DESCRIPTION A survey of research methods applicable to social services. Emphasis will be placed on beginning skill in evaluation and research and implication for knowledge guided practice. The course also provides an overview of research and statistical techniques that are applied by Social Workers. A major emphasis will be placed on those areas of research design, methodology, and analysis that will enable students to become critical consumers of the professional and empirical literature.

SW 3600 Social Welfare Policy

CREDIT HOURS 3.0

PREREQUISITES ECON 2105, SW 3320

DESCRIPTION This course introduces the development and implementation of contemporary social welfare policies and service programs in the United States. Through this 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 Americaâ⊠⊠s most vulnerable population groups.

SW 3700 Communication Skills for Social Workers

CREDIT HOURS 3.0

DESCRIPTION This course constitutes one of the practice methods courses in the core social work curriculum. Its inherent purpose is to facilitate effective communication between the social work generalist and client systems. The course emphasizes appropriate interviewing skills, recording, and the use of technology in communications.

SW 3800 Case Management & Community Resources in Social Work

CREDIT HOURS 3.0

DESCRIPTION This course teaches students about case management practice, and provides an overview of community resources to address a variety of human needs and the collaborations of partnerships between human providers

SW 4100 Social Work Methods I

CREDIT HOURS 3.0

DESCRIPTION Social Work Methods I introduces the basic knowledge, values, and skills that comprise generalist social work. Emphasis is placed upon practice with individuals, families, small groups, organizations, and communities.

SW 4200 Social Work Methods II

CREDIT HOURS 3.0

DESCRIPTION Continuation of SW 4100. In Social Work Methods II, students will become proficient at identifying multiple levels of intervention and targets for change to address a wide variety of social problems. An overview of specific theories of change, along with evaluation approaches and implied styles of intervention, are covered.

SW 4310 Group Facilitation

CREDIT HOURS 3.0

DESCRIPTION This course is an introduction to social work with groups. The course will focus on skills in social work practice, uses and types of groups, and group composition. Students will become familiar with the scope and limitations of group uses. The use of groups for direct service purpose--enhancement of social functioning, achievement of unreached levels of social functioning, or correction of dysfunctional interpersonal or social relationships- will be analyzed.

SW 4320 Social Work Administration

CREDIT HOURS 3.0

DESCRIPTION An introduction to theory and practice in the administration of social services. Emphasis is on the social worker's role and function as an administrator and on the evaluation of the problems of operation and maintenance in a social service agency.

SW 4330 Contemporary Health Challenges

CREDIT HOURS 3.0

DESCRIPTION This course is designed to introduce students to chronic short and long term health concerns in our society. The course will address such illnesses as AIDS, hepatitis, tuberculosis, Alzheimers, sexually transmitted diseases (STD), and other health issues. The focus of the course will be upon treatment, identification and transmittal, with an examination of the impact of governmental regulations on drugs, the perception of patients, family members, and health care professionals.

SW 4340 Social Work and the Law

CREDIT HOURS 3.0

DESCRIPTION An introduction to the law as it applies to social services and social work practice. Using case studies, students will examine problems that the poor, the disadvantaged, and all clients face in confronting the justice system. Attention is given to worker liability and those skills essential for testifying in court and advocating for client's legal rights.

SW 4350 Economic Justice, Inequality, and Poverty

CREDIT HOURS 3.0

DESCRIPTION This course will address causes and solutions to poverty and inequality through the lenses of political, social, and economic factors. Special attention is given to the working poor, the growth of extreme poverty, discrimination, and the policies, social movements, and interventions that have historically impacted poverty and inequality.

SW 4360 Forensic Social Work

CREDIT HOURS 3.0

DESCRIPTION The course will introduce students to social work issues that are encountered by social workers, attorneys, and other specialists in a forensic setting. The course will include a critical analysis and study of particular social issues and the impact of those issues on the purposes and the effectiveness of organizations and individuals who work within the legal system. The course will address social work skills and ethical issues in a forensic setting.

SW 4440 Global Social Work Practice, Policy, and Research

CREDIT HOURS 3.0

DESCRIPTION This course will offer students an introduction to social work issues from an international perspective. Using literature from around the world that focuses on global social issues, the course will address concepts of power, class, gender, race, sexuality, religion, violence, poverty, immigration, and social exclusion. Students will be required to evaluate critically what the international perspective might teach us about social work theory, practice, policy and research in the US. Global Perspectives Course.

SW 4450 Child Maltreatment Practice Policy and Research

CREDIT HOURS 3.0

DESCRIPTION Child abuse and neglect are examined from both historical and contemporary perspectives using an ecological framework. Methodological and theoretical issues surrounding the study of maltreatment are highlighted. Symptomatology and sequelae of abusive behavior are examined with specific reference to the implications for family and community systems. Medical, legal, social, and cultural aspects of child maltreatment are explored. The role of community partnerships in the identification, intervention, treatment and prevention of child malreatment is emphasized.

SW 4460 Aging Practice, Policy and Research

CREDIT HOURS 3.0

DESCRIPTION This course is designed to provide the basic knowledge and beginning skills appropriate for social work practice with older persons. Emphasizes biological, sociological, and psychological aspects of the aging process with special attention to the cultural, social, political, and economic factors affecting delivery of social services to the aging.

SW 4470 Behavioral Health: Substance Abuse and Dependence

CREDIT HOURS 3.0

DESCRIPTION This course will provide students with an overview of the various classes of psychotropic drugs. Students will learn the physiological mechanisms of action of each of the major classes of drugs. They will learn how each drug affects mood and behavior, how each drug affects major organ systems in the body, and how genetic and social factors may predispose an individual to drug use.

SW 4480 Disabilities Practice, Policy, and Research

CREDIT HOURS 3.0

DESCRIPTION This course will provide students with the opportunity to develop their knowledge of the impact of both physical and developmental disabilities on individuals and families. Focus is on responses to those disabilities diagnosed at birth or acquired through illness or injury. Emphasis is placed on utilizing appropriate social work interventions, while recognizing such variables as age, socioeconomic status, family constellation, cultural issues, and pre-morbid conditions. Understanding disabilities from a human rights perspective and the impact of oppression on people with disabilities will be explored. A historical perspective on how disability has been perceived and addressed by societal institutions will be presented.

SW 4490 Child Welfare Practice, Policy, and Research

CREDIT HOURS 3.0

DESCRIPTION This course is an introduction to the range of child welfare services including foster care, adoptions, permanency planning, and family preservation. Students will have the opportunity to explore current challenges inherent in the delivery of child welfare services to children, youth, and families. This course is intended to serve as a forum for the exchange of ideas and will focus on a range of critical issues in the field of child welfare including family violence, child maltreatment, HIV, drug exposure, and homelessness.

SW 4500 Field Education I

CREDIT HOURS 6.0

PREREQUISITES Successful completion of all previous social work courses, except SW 3730 or permission from the Director of Field Education

DESCRIPTION An educationally directed practicum in a social service agency. A generalist approach is applied to guide beginning social work practice with diverse individuals, families, small groups, organizations, and communities. Demonstration of knowledge of professional values, agency structures, and policies. Emphasis on the integration of content from all areas of the curriculum. A fee to cover liability insurance is required. This course may include a Signature Experience component.

SW 4900 Field Education II

CREDIT HOURS 6.0

PREREQUISITES Successful completion of Practicum I

DESCRIPTION A continuation of Practicum I (SW 4930) with greater emphasis on demonstration of assessment, planning, implementation, evaluation, and research skills. Integration and application of knowledge and ethics on the development of skills required for social work practice. This course may include a Signature Experience component.

SW 4950 Selected Topics in Social Work

CREDIT HOURS 3.0

DESCRIPTION This course will offer knowledge and skills on variable topics that impact social work practice. May be repeated up to six hours if topic varies.

SW 4960 Seminar on Social Work Issues and Problems

CREDIT HOURS 1.0 - 6.0

DESCRIPTION An examination of problems, current issues, or areas of special interest related to the social work profession.

SW 4990 Directed Individual Study

CREDIT HOURS 1.0 - 6.0

DESCRIPTION This course allows the student to extend his/her knowledge in a particular area through an independent study. A social work faculty member must agree to supervise this study, and it must be approved by the departmental chair. This course may include a Signature Experience component.

SOCI SOCIOLOGY

SOCI 1101 Introduction to Sociology

CREDIT HOURS 3.0

DESCRIPTION A survey of the discipline of sociology. Topics will include sociological theory, methods, and selected substantive areas.

SOCI 1160 Introduction to Social Problems

CREDIT HOURS 3.0

DESCRIPTION A theoretical and empirical analysis of selected major social problems confronting American society.

SOCI 2293 Introduction to Marriage and Family

CREDIT HOURS 3.0

DESCRIPTION An introduction to the structure, processes, problems, and adjustments of contemporary marriage and family life.

SOCI 3010 Social Statistics

CREDIT HOURS 3.0

PREREQUISITES MATH 1070, MATH 1001, MATH 1101, MATH 1111, MATH 1113 or MATH 1220 with grade C or higher

DESCRIPTION Concepts and techniques for quantitative data analysis: including measurement, hypotheses testing, computer applications with SPSS, and bivariate and multivariate analytic techniques.

SOCI 3020 Social Research Methods-CTW

CREDIT HOURS 3.0

PREREQUISITES SOCI 3010 with grade of C or higher

DESCRIPTION Advanced studies in techniques of quantitative and qualitative research design, data collection, management, analysis, and presentation. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all sociology majors.

SOCI 3030 Sociological Theory

CREDIT HOURS 3.0

PREREQUISITES SOCI 1101 with grade of C or higher, or equivalent

DESCRIPTION Major theoretical orientations used in sociology from the 1800s to the present.

SOCI 3040 Cognition and Society

CREDIT HOURS 3.0

DESCRIPTION Perceiving, focusing, classifying, timing, symbolizing, and remembering in a societal context. How thinking can vary cross-nationally and historically. The social construction of racial, ethnic, gender, sexual, and temporal boundaries; social connection between collective memories and national and group identities; and social foundations of knowledge and myth. Global Perspectives Course.

SOCI 3101 Families and Society

CREDIT HOURS 3.0

DESCRIPTION Advanced 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 alterantive families. (Same as WGSS 3120.).

SOCI 3110 Identity, Self, and Social Interaction

CREDIT HOURS 3.0

DESCRIPTION Relations between the individual and society, the role of language and social interaction in the socialization of the person, the function of role taking, and identification in the emergence of the self.

SOCI 3124 Diversity and Aging

CREDIT HOURS 3.0

DESCRIPTION This course examines aging as a social process and focuses on the influence of ethnicity and race, as well as other key social relations in shaping the life course. We will define and examine diversity and disparity and consider many of the socio-cultural factors that give rise to differences across the life course and in later life. Crosslisted with SOCI 3124; Target Group: All undergraduate students, Gero and Soci undergraduate majors.

SOCI 3130 Sociology of Food

CREDIT HOURS 3.0

DESCRIPTION This course is designed as an introduction to the emerging field of the sociology of food. Food is intimately connected to vital sociological issues of power and identity. When you eat, how you eat, why you eat, and with whom speak volumes on our personalities, our social interactions, our social differentiations and stratifications, and our ethnic, gender, sexual, economic, political, religious, geographic, family, and life-stage identities. Topics will include food and the construction of identity, dining and manners, food movements, work in the food industry, food controversies, diet and health, fast food, globalizing markets, and others.

SOCI 3140 Sociology of HIV/AIDS

CREDIT HOURS 3.0

PREREQUISITES None

DESCRIPTION This course explores the social dimensions of HIV/AIDS in the U.S. and globally. We examine the social forces that impact and determine the course and experience of the epidemic as we also explore the impact the epidemic has had on communities and cultures worldwide.

SOCI 3152 Birth and Parenthood

CREDIT HOURS 3.0

DESCRIPTION (Same as WGSS 3140.) Pregnancy, birth, and parenting; fatherhood and motherhood in a social and historical context.

SOCI 3156 Sexuality and Society

CREDIT HOURS 3.0

DESCRIPTION Same as WGSS 3150. 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 3160 Sociological Domestic Field School

CREDIT HOURS 3.0

PREREQUISITES Interview with the instructor

DESCRIPTION This course examines current social issues that are of interest to the political leaders, policymakers, and/or community stakeholders in the City of Atlanta, the metropolitan region, and/or the State of Georgia. Students will gain practical experience in collecting social science data using one or more of the major sociological research methodologies and/or serving the local community working with various non-profit organizations and government agencies. Ciities Perspectives Course.

SOCI 3162 African-American Family

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 3000.) Contemporary theories and research on the African-American family.

SOCI 3180 Housing and Inequality

CREDIT HOURS 3.0

DESCRIPTION In the U.S., housing is a complex multidimensional phenomenon. As a physical structure, it provides shelter from the elements and is a source of individuals' health and well-being. But housing is more than shelter. Housing provides varying levels of access to economic wealth, status and prestige, public amenities, employment, safety, social networks, and transportation. In essence, housing, similarly to education or employment, is a dimension of a stratification system that distributes unequal levels of prosperity and opportunities among different groups.

SOCI 3201 Wealth, Power, and Inequality

CREDIT HOURS 3.0

DESCRIPTION Analysis of social structure and function in terms of class, caste, status, power, and mobility. Global Perspectives Course. This course may include a Signature Experience component.

SOCI 3208 Work and Employment

CREDIT HOURS 3.0

DESCRIPTION Meanings and conditions of work, the social implications of the division of labor, the changing structure of the labor force, and group relationships in industry.

SOCI 3212 Race and Ethnic Relations

CREDIT HOURS 3.0

DESCRIPTION The major processes and outcomes that occur when racial or ethnic groups interact. Topics studied are the nature of racism, prejudice, discrimination, cultural pluralism, assimilation, integration, segregation, and immigrant adjustment patterns, as well as methods of resolving problems associated with these phenomena. Global Perspectives Course.

SOCI 3213 Immigration

CREDIT HOURS 3.0

DESCRIPTION Sociological analysis of causes and processes of immigration, as well as conditions of immigrant life and socio-cultural, demographic, economic, and political effects of immigration on different societies. Cities Perspectives Course.

SOCI 3216 Gender and Society

CREDIT HOURS 3.0

DESCRIPTION (Same as WGSS 3130.) Social construction of gender, gender-based stratification, and power dynamics.

SOCI 3220 Activism, Protest, and Revolution

CREDIT HOURS 3.0

DESCRIPTION Conditions which generate social movements and factors affecting their success or failure. Issues include the timing of rebellion, strategies of protest, and the legacies of activism. Global Perspectives Course.

SOCI 3222 Deviant Behavior

CREDIT HOURS 3.0

DESCRIPTION Analysis of theories of deviant behavior, study of the control of deviance, and an examination of selected deviant subcultures.

SOCI 3224 Crime and Punishment

CREDIT HOURS 3.0

DESCRIPTION Different approaches to the etiology, treatment, and control of criminal behavior.

SOCI 3228 The Holocaust

CREDIT HOURS 3.0

DESCRIPTION (Same as HIST 4640.) Historical and social analysis of the mass deprivation and murder of Jews and other people under the policies and auspices of National Socialist Germany, 1933-1945.

SOCI 3315 Asian American Experience

CREDIT HOURS 3.0

PREREQUISITES None

DESCRIPTION This course is designed to answer questions such as who are Asian Americans and what are their historical, demographic and socio-economic trends, and what is the model minority myth/thesis from the social scientific perspective. Far too often, skewed statistics have been used to paint inaccurate portrait of APA communities. This course hopes to correct some of those mis-perceptions of APA by studying the most comprehensive set of statistics and figures, historical records, scientific analyses, and first hand narratives of APAs. Global Perspectives Course.

SOCI 3340 Population Problems

CREDIT HOURS 3.0

DESCRIPTION Analysis of population from the standpoint of theories, dynamics, composition, fertility, mortality, migration, and economic and social aspects. Cities Perspectives Course. Global Perspectives Course.

SOCI 3346 Drug Use and Abuse

CREDIT HOURS 3.0

DESCRIPTION Phenomenon of drug use and abuse with consideration of alcohol and other psychoactive drugs, including narcotics, marijuana, psychedelics, stimulants, sedatives, tranquilizers, and deliriants.

SOCI 3350 Social Change and the Future

CREDIT HOURS 3.0

DESCRIPTION Case studies and theories about the causes and consequences of modern and future social changes. Attention is given to strategies people use to produce social change, methods of forecasting future developments, and experts' ideas of what social patterns to expect in the future.

SOCI 3352 Mental Illness in the United States

CREDIT HOURS 3.0

DESCRIPTION Mental illness within the context of the larger social environment. Analysis of social and cultural factors in the incidence, recognition, course, and community management of mental health problems.

SOCI 3354 Sociology of Popular Culture

CREDIT HOURS 3.0

DESCRIPTION Effects of popular culture, such as TV, tabloids, and films on western and non-western societies; effects of social class on taste.

SOCI 3356 Queer Identities

CREDIT HOURS 3.0

DESCRIPTION (Same as WGSS 3356.) Social construction of gay, lesbian, and bisexual identities, contemporary issues, including types and effects of discrimination based on sexual identity.

SOCI 3390 Selected Topics

CREDIT HOURS 3.0

DESCRIPTION A maximum of six credit hours may be applied toward the major. May be repeated if topics are different.

SOCI 3690 Honors Readings

CREDIT HOURS 1.0 - 6.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings on selected topics.

SOCI 4050 Global Perspectives on Violence Against Women

CREDIT HOURS 3.0

DESCRIPTION Comparative course investigating women's experiences of violence inside and outside the home, examining the reasons why women are disproportionately the victims of certain types of violence worldwide. Rates and types of violence against women are compared for various societies and strategies for ending violence explored.

SOCI 4110 Aging Policy and Services

CREDIT HOURS 3.0

DESCRIPTION (Same as GERO 4110.) Aging policy, services, and programs emphasizing legislation, funding, planning, the aging network, and the long-term care system.

SOCI 4116 Aging and Society

CREDIT HOURS 3.0

DESCRIPTION (Same as GERO 4116.) Application of sociological theory and methods to the study of aging in society; the impact of urbanization on the aged and the aged on social institutions.

SOCI 4119 Global Aging and Families

CREDIT HOURS 3.0

DESCRIPTION (Same as GERO 4119.) This is an upper division undergraduate course designed to introduce population aging at a global level in a global perspective. The course utilizes macro-sociological approaches to explain how demographic changes, global economic transformations, and social policies influence aging experiences, processes, and families in different regions of the world. It also combines micro-sociological approaches to examine how families are changing in roles and responsibilities as well as in forms and structures because of population aging in a global context, informing students how aging is not just a personal issue but is affected by gender, race, ethnicity, class, as well as national boundaries. Global Perspectives Course.

SOCI 4122 Death, Dying, and Loss

CREDIT HOURS 3.0

DESCRIPTION (Same as GERO 4122.) The process of death and dying, including the social roles of the dying person, the family, and those of the hospital and institutional staff; the social factors influencing death; social functions of bereavement; problems in coping created by medical technology and longevity.

SOCI 4130 Ties that Bind: Family, Intimacy, and Aging

CREDIT HOURS 3.0

DESCRIPTION (Same as GERO 4130.) This course examines older adults' family lives and intimate relationships in social, historical and demographic context. Emphasis is placed on understanding in the type, nature, content and meaning of relationships, and on identifying influential factors, including, for example, gender, race, ethnicity, class, sexual orientation, and health status.

SOCI 4150 Sexual and Intimate Violence

CREDIT HOURS 3.0

DESCRIPTION (Same as WGSS 4060.) Societal causes, power dynamics, and policy implications of rape and sexual violence, battery, psychological/emotional abuse, child abuse and neglect, and elder abuse.

SOCI 4218 Power and Politics

CREDIT HOURS 3.0

DESCRIPTION The relationship between society and the system of government, focusing on the United States, on who rules, and who makes the rules.

SOCI 4226 Urban Sociology

CREDIT HOURS 3.0

DESCRIPTION Analysis of urban society on the basis of the population, social organization, and social relationships of each. Cities Perspectives Course.

SOCI 4230 Sociology of Health and Illness

CREDIT HOURS 3.0

DESCRIPTION Social causes and effects of illness; beliefs and behaviors of healthy and sick people; social aspects of health professions training; the social organization and financing of health care; health policy issues such as genetic intervention, organ transplantation, medical technology, and the right to die.

SOCI 4279 Metropolitan Atlanta

CREDIT HOURS 3.0

DESCRIPTION (Same as HIST 4320 and GEOG 4768.) Interdisciplinary perspective focusing on social, historical, and geographic processes which have shaped the Atlanta region. Cities Perspectives Course.

SOCI 4310 Issues in the African-American Community

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4000.) Examination of the impact of major societal issues on the African-American community.

SOCI 4311 African American Male/Female Relationships

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4030.) Explores historical, social, psychological, and economic factors impacting upon African-American relationships. Issues explored include negative images and stereotypes, color, beauty, and pornography; sex-gender and role identity, consumerism and narcissism, employment, and others. Gay and lesbian relationships will also be included.

SOCI 4312 African-American Women in the United States

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4100.) Contemporary social issues of African-American women. Emphasis on the historical roots of current issues and the interrelationships of gender, race, and class.

SOCI 4315 Girls

CREDIT HOURS 3.0

DESCRIPTION (Same as WGSS 4310.) Feminist analyses of who girls are and how they are socialized in our society. Girls' experiences with social institutions, growth and development issues, self-esteem and body image, sexuality, culture and media, third-wave feminism, and girls' movements.

SOCI 4320 Sport and Society

CREDIT HOURS 3.0

DESCRIPTION This purpose of this course is to examine the social institution of sport, including many issues and controversies, and the consequences for North American society.

SOCI 4330 Music and Society

CREDIT HOURS 3.0

DESCRIPTION This course will (a) introduce you to the sociology of music, and (b) develop your understanding of the sociology of Rock and Roll, and the ways in which Rock and Roll influences society.

SOCI 4360 Religion and Society

CREDIT HOURS 3.0

DESCRIPTION Religion as a social institution, including its interrelationships with other social institutions and other aspects of society and culture. Analysis of theories of religion and society applied to contemporary religious institutions. Global Perspectives Course.

SOCI 4366 Law and Society

CREDIT HOURS 3.0

DESCRIPTION Recruitment, training, and practice in the legal professions. Analysis of the legal system as a social process.

SOCI 4380 Educational Sociology

CREDIT HOURS 3.0

DESCRIPTION Sociological foundations of modern education and the relationships of the school as a social institution to family, church, and community institutions. Emphasis will be placed upon the school and social problems related to rapid urban development.

SOCI 4870 Honors Thesis: Research

CREDIT HOURS 1.0 - 6.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

SOCI 4880 Honors Thesis: Writing

CREDIT HOURS 1.0 - 6.0

PREREQUISITES SOCI 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of Honors thesis or project. This course may include a Signature Experience component.

SOCI 4980 Internship

CREDIT HOURS 3.0

DESCRIPTION Combined academic training and professional experience in community agencies. Application required. See department adviser for information, including deadlines for applying. This course may include a Signature Experience component.

SOCI 4990 Sociology in the Real World

CREDIT HOURS 3.0

PREREQUISITES Sociology majors in their senior year (or in advance junior year with permission of instructor)

DESCRIPTION This course is designed for students to achieve the twofold goals: a) to integrate knowledge and skills that have been acquired throughout their undergraduate curriculum; and b) to prepare for professional life as sociologists.

SOCI 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements. This course may include a Signature Experience component.

SPAN 1001 Elementary Spanish I

CREDIT HOURS 3.0

DESCRIPTION Development of basic skills in listening, speaking, reading, and writing; acquisition of grammatical structures. Students are introduced to various aspects of Hispanic culture. Not open to native speakers of Spanish.

SPAN 1002 Elementary Spanish II

CREDIT HOURS 3.0

PREREQUISITES SPAN 1001 with grade of C or higher, or placement in 1002

DESCRIPTION Development of basic skills in listening, speaking, reading, and writing; acquisition of grammatical structures. Students are introduced to various aspects of Hispanic culture. Not open to native speakers of Spanish.

SPAN 1101 Intensive Elementary Spanish

CREDIT HOURS 6.0

DESCRIPTION Intensive introduction to Spanish, with emphasis on communicative competence, equivalent to SPAN 1001 and SPAN 1002. Not open to native speakers of Spanish.

SPAN 2001 Intermediate Spanish I

CREDIT HOURS 3.0

PREREQUISITES SPAN 1002 or SPAN 1101 with grade of C or higher, or placement into 2001

DESCRIPTION Continuing development of listening, speaking, reading, and writing skills through use of audio and video materials as well as literary and non-literary texts. Grammar review as needed. Hispanic culture presented. Not open to native speakers of Spanish.

SPAN 2002 Intermediate Spanish II

CREDIT HOURS 3.0

PREREQUISITES SPAN 2001 with grade of C or higher, or placement into 2002

DESCRIPTION Continuing development of listening, speaking, reading, and writing skills through use of audio and video materials as well as literary and non-literary texts. Further introduction to Hispanic culture. Grammar review as needed. Not open to native speakers of Spanish.

SPAN 2101 Intensive Intermediate Spanish

CREDIT HOURS 6.0

PREREQUISITES SPAN 1002 or SPAN 1101 with grade of C or higher, or equivalent

DESCRIPTION Intensive exposure to intermediate Spanish with emphasis on communicative competence, equivalent to SPAN 2001 and SPAN 2002. Not open to native speakers of Spanish.

SPAN 2203 Intermediate Spanish III

CREDIT HOURS 3.0

PREREQUISITES SPAN 2002 or SPAN 2101 with grade of C or higher, or placement into 2203

DESCRIPTION Continuation of Spanish 2002 with emphasis on conversation and composition. Hispanic cultrue presented. Not open to native speakers of Spanish. Not open to students with prior credit for SPAN 2501.

SPAN 2501 Intermediate Spanish III for Heritage Speakers

CREDIT HOURS 3.0

PREREQUISITES placement on basis of departmental exam and/or interview

DESCRIPTION Review and practice of basic grammatical structures, vocabulary building, and development of appropriate register in the oral and written forms. Designed for, and open only to, Spanish speakers who have not received a formal education in a Spanish-speaking country. Not for students with prior credit in SPAN 2203.

SPAN 2901 Study Abroad in Spanish I

CREDIT HOURS 3.0

PREREQUISITES SPAN 1002 with grade of C or higher, or equivalent, and permission of program director

DESCRIPTION Intermediate level study of communicative skills in Spanish completed at a study abroad location in Spain or Latin America. This course may include a Signature Experience component.

SPAN 2902 Study Abroad in Spanish II

CREDIT HOURS 3.0

PREREQUISITES SPAN 1002 with grade of C or higher, or equivalent, and permission of program director

DESCRIPTION Intermediate level study of communicative skills in Spanish completed at a study abroad location in Spain or Latin America. This course may include a Signature Experience component.

SPAN 3301 Oral Communication in Spanish: Topics in Language and Culture

CREDIT HOURS 3.0

DESCRIPTION Prerequisites SPAN 2002 or SPAN 2101 with a C or higher, or equivalent, or permission of instructor. This course will focus on improving the studentâ⊠⊠s ability to communicate by speaking in Spanish with attention given to various types of oral communication including presentational and interpersonal through activities like skits, debates, oral reports, and other forms of contextualized communication with a focus on social and cultural issues. It is advisable that students complete SPAN 3301 before taking more advanced courses at the 3000- and 4000-level.

SPAN 3302 Written Communication in Spanish

CREDIT HOURS 3.0

DESCRIPTION Prerequisites SPAN 2002 or SPAN 2101 with grade of C or higher, or equivalent, or consent of instructor. This course will focus on improving the studentâ⊠⊠s ability to communicate in writing in Spanish with attention given to various types of writing (bus. letters, etc) through a practical application in specific contexts. One of the two Critical Thinking Through Writing (CTW) courses required of all Spanish majors. It is advisable that students this course after completing the 2000-level.

SPAN 3303 Advanced Grammar I

CREDIT HOURS 3.0

PREREQUISITES SPAN 2002 or SPAN 2101 with grade of C or higher, or equivalent, or consent of instructor

DESCRIPTION Intensive review of grammatical structures of most frequent error occurrence at intermediate level and their application in written form. Intermediate grammatical level is here defined as the average grammatical performance of students who have completed the first four semesters of Spanish at elementary and intermediate levels.

SPAN 3308 Introduction to Spanish Linguistics

CREDIT HOURS 3.0

PREREQUISITES SPAN 2002 or SPAN 2101 with grade of C or higher, or equivalent

DESCRIPTION This course provides a non-technical introduction to Spanish Linguistics to provide students with knowledge that helps them make connections between the structure of Spanish and issues in contemporary Hispanic linguistics.

SPAN 3310 Hispanic Culture-CTW

CREDIT HOURS 3.0

PREREQUISITES SPAN 2002 or SPAN 2101 with grade of C or higher, or equivalent, or consent of instructor

DESCRIPTION Historical and cultural aspects of either Spain from prehistoric times to the present or Latin America from pre-Columbian times to the present. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all Spanish majors. Global Perspectives Course.

SPAN 3314 Themes in Hispanic Culture and Society

CREDIT HOURS 3.0

PREREQUISITES SPAN 2002 or SPAN 2101 with a grade of C or higher, or equivalent, or consent of instructor

DESCRIPTION Study of common themes in songs, short stories, poems, essays, videos, the media and other written and visual forms belonging to different countries (Latin America and/or Spain) and periods (in non-chronological order): love and sex; machismo and feminism; time and language; Latin America vs Europe and the United States; race and identity; violence in political and social conflict, and others. Global Perspectives Course.

SPAN 3395 Study Abroad

CREDIT HOURS 3.0

DESCRIPTION Spanish language and culture in a native environment. Designed specifically for those students participating in the University System of Georgia Study Abroad Programs. This course may include a Signature Experience component. Global Perspectives Course.

SPAN 3396 Study Abroad

CREDIT HOURS 3.0

DESCRIPTION Spanish language and culture in a native environment. Designed specifically for those students participating in the University System of Georgia Study Abroad Programs. This course may include a Signature Experience component. Global Perspectives Course.

SPAN 3397 Study Abroad

CREDIT HOURS 3.0

DESCRIPTION Spanish language and culture in a native environment. Designed specifically for those students participating in the University System of Georgia Study Abroad Programs. This course may include a Signature Experience component. Global Perspectives Course.

SPAN 3501 Advanced Spanish for Heritage Speakers

CREDIT HOURS 3.0

DESCRIPTION Intensive review and practice of complex grammatical structures of Spanish, vocabulary building, and development of reading strategies of various types of texts. Designed for Spanish speakers who have not received a formal education in a Spanish-speaking country. Not open to native speakers. Not for students with prior credit for SPAN 3303.

SPAN 3690 Honors Readings

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and readings on selected topics.

SPAN 4403 Advanced Grammar II

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 with grade of B or higher

DESCRIPTION Practical follow-up of grammatical structures of most frequent error occurrence at intermediate level and intensive review of advanced grammatical structures. Open to native, heritage, and non-native speakers who meet the course requirement.

SPAN 4405 Spanish for International Business I

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 with grade of C or higher, or equivalent, or consent of instructor

DESCRIPTION Students who are not in the 5-Year Joint Degree Program or IEML are strongly recommended to take BUSA 3000 when the course is offered in Spanish. Discussion of current business and economic issues in Spanish-speaking countries. Global Perspectives Course.

SPAN 4407 Spanish for International Business II

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 with grade of C or higher, or equivalent, or consent of instructor

DESCRIPTION Students who are not in the 5-Year Joint Degree Program or IEML are strongly recommended to take BUSA 3000 when the course is offered in Spanish. The course is a continuation of SPAN 4405. Discussion of current business and economic issues in Spanish-speaking countries. Global Perspectives Course.

SPAN 4409 Techniques of Translation

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 or SPAN 3501 with grade of C or higher, or equivalent, or consent of instructor

DESCRIPTION Expansion of vocabulary and introduction to comparative stylistics through translations (English-Spanish and Spanish-English) of both literary and non-literary texts.

SPAN 4420 Medieval and Early Renaissance Spanish Literature

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 and SPAN 3314 with grades of C or higher, or equivalent

DESCRIPTION Masterpieces of early Spanish epic, drama, and prose to the end of the fifteenth century. Global Perspectives Course.

SPAN 4421 Early Modern Literature and Culture

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 and SPAN 3314 with grades of C or higher

DESCRIPTION Spanish cultural and literary manifestations from the early sixteenth century to the end of the seventeenth. Global Perspectives Course.

SPAN 4432 Spanish Culture in Transition

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 and SPAN 3314 with a C or higher, or equivalent

DESCRIPTION Focus on social, political, and economic issues in contemporary Spain through the lens of cultural production including music, art, architecture, photography, and urban space as well as literature and film. The course will look at these issues and these forms of culture within the context political transition to democracy in the 1970s and the ongoing polemics that surround and complicate it. Taught in Spanish. Global Perspectives Course.

SPAN 4440 Special Topics in Spanish Literature

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 and SPAN 3314 with grades of C or higher, or equivalent

DESCRIPTION Readings of particular authors, genres, topics not covered by regular courses. May be repeated for credit when topic varies.

SPAN 4450 Special Topics in Linguistics

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 with grade of C or higher, or consent of instructor

DESCRIPTION Readings on particular topics and issues in Spanish Linguistics not covered by regular courses. May be repeated when topic varies.

SPAN 4454 Literature of Social and Political Conflict in Latin America

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 and SPAN 3314 with a C or higher, or equivalent

DESCRIPTION Personal, social and political conflict in 20th century Latin America as seen in representative short novels. Different countries, periods and conflicts are covered such as slavery and race relations in pre-Independence Colombia, the Mexican Revolution, love relations in 1940s Argentina, modernity versus tradition in Mexico, Chilean socialism and the 1973 military coup. Global Perspectives Course.

SPAN 4456 Tales of Love, Madness and Death

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 and SPAN 3314 with a C or higher, or equivalent

DESCRIPTION Short narratives (short stories, micro narratives, song lyrics, blogs, etc.) in Latin America and/or Spain. Topics such as love, madness, death and others are explored both as great universal topics and as illustrations of particular aspects of culture and history in the Spanish-speaking world. May be taken more than once if topics are different. Global Perspectives Course.

SPAN 4462 Spanish in the United States

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 with a C or higher, or equivalent, or permission of the professor

DESCRIPTION This course studies the history, development, and current status of Spanish in the United States. Given the repercussions of languages in contact, we will examine diglossia, bilingualism, linguistic identity, language planning & policy, standardization, and the linguistic implications of the presence Spanish as a heritage language in the United States.

SPAN 4465 Practicum in Spanish

CREDIT HOURS 3.0

PREREQUISITES Senior standing or consent of instructor

DESCRIPTION Directed work in special project; field experience; internships. This course may include a Signature Experience component.

SPAN 4467 Latin American and Latino Film and Video

CREDIT HOURS 3.0

PREREQUISITES Spanish 3303 and SPAN 3314 with grade of C or higher, or equivalent

DESCRIPTION Course fulfills Concentration requirements. This course introduces students to Latin American film and video. Discussion follows a historic and thematic progression to highlight the significant social and political events during the 20th century and the present. Global Perspectives Course.

SPAN 4469 Afro-Hispanic Literature and Culture

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 and SPAN 3314 with grades of C or higher, or equivalent

DESCRIPTION Survey of literature and other cultural production involving the African legacy in Spanish America. Global Perspectives Course.

SPAN 4470 Special Topics in Latin American Literature

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 and SPAN 3314 with grade of C or higher, or equivalent

DESCRIPTION Reading on particular authors, genres or topics normally not covered by regular courses. May be taken more than once if topics are different.

SPAN 4475 Latinos/Hispanos in the US: Literature and Culture

CREDIT HOURS 3.0

PREREQUISITES SPAN 3314 with a C or higher or permission of the instructor

DESCRIPTION This course offers an interdisciplinary approach to studying the experiences and the artistic production in the several Latino/Hispanic (Mexican-American, Puerto Rican, Cuban American, Caribbean, and Central/South American) communities in the United States. This course provides a platform for understanding not only the interconnections among Latino/Hispanic subgroups but also the differences among them.

SPAN 4480 Special Topics in Hispanic Culture

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 and SPAN 3314 with grades of C or higher, or equivalent

DESCRIPTION Readings on particular topics and issues in Hispanic Culture not covered by regular courses. May be repeated if topics vary.

SPAN 4490 Senior Studies

CREDIT HOURS 3.0

PREREQUISITES senior standing, a 3.5 average, and at least nine hours of upper-level courses in the major

DESCRIPTION Extensive reading, discussions, and analysis of a broad spectrum of representative works, covering the most important genres and historical periods.

SPAN 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

SPAN 4880 Honors Thesis: Writing

CREDIT HOURS 3.0 - 6.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION

SPAN 4990 Independent Study – Special Topics for Majors

CREDIT HOURS 1.0 - 4.0

PREREQUISITES Completion of at least two 3000-level Spanish courses with a grade of C or higher and consent of the instructor

DESCRIPTION For Spanish majors with a grade point average of 3.0 or better in major courses and all course work. No more than four credit hours may be applied toward the major. Special topics readings and/or research to be determined in consultation with the instructor.

SCOM SPEECH COMMUNICATION

SCOM 1000 Human Communication

CREDIT HOURS 2.0

DESCRIPTION An introduction to human communication, including language development, verbal, non-verbal, interpersonal, small group, organizational, public, and intercultural communication. This course may be used as one of the courses required in Area B, Institutional Options.

SCOM 1500 Public Speaking

CREDIT HOURS 3.0

DESCRIPTION Preparation and delivery of speeches to inform and to persuade. Special emphasis is placed on the fundamentals of organization, structure, and content of speeches. The student will analyze great American speeches, both historical and contemporary.

SCOM 2050 Media, Culture, and Society

CREDIT HOURS 3.0

DESCRIPTION Review of the ways in which mass mediation has transformed culture, politics, and communication. Purpose is to enhance media literacy by assessing current debates over the role of the media in American society. (May be used to fulfill a requirement in core curriculum Area C.).

SCOM 2300 Business and Professional Communication

CREDIT HOURS 3.0

DESCRIPTION This course focuses on the principles to manage communication in a variety of organizational contexts. Emphasis is on effective communication and the preparation of business presentations. Topics include, but are not limited to, interviewing, managing business meetings, and conflict management.

SCOM 2400 Interpersonal Communication

CREDIT HOURS 3.0

DESCRIPTION This course focuses on the opportunity for students to learn and understand the principals, theories, and some of the practical application of effective interpersonal communication and to become sensitive to the relational development of these ideas in various contexts, particularly those involving relationships within families and among co-workers and friends.

SCOM 2510 Debate Activity

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION Four and one-half hours lecture and laboratory a week. Participation in all aspects of debating. May be repeated for a maximum of nine hours.

SCOM 2710 Argumentation

CREDIT HOURS 3.0

DESCRIPTION This course is designed to help students develop their ability to construct sound arguments and to critically evaluate arguments made by others. Students will learn how to collect and evaluate evidence, analyze reasoning, detect fallacies, while simultaneously learning the fundamental principles of the rhetorical arts.

SCOM 2900 Intercultural Communication

CREDIT HOURS 3.0

DESCRIPTION Intercultural communication focuses on the patterns, dynamics, and worldviews that influence the processes involved in communication within and across different cultural groups. Topics covered will address intercultural communication competence from a variety of perspectiveds, and will include the role of identity, verbal and nonverbal patterns of communication, as well as an exploration of the skills that can aid in overcoming perceived obstacles to intercultural communication.

SCOM 3000 Phonetics

CREDIT HOURS 3.0

PREREQUISITES SCOM 1010 or SCOM 1500 with grade of C or higher, or consent of instructor

DESCRIPTION Training in the pronunciation of Standard American English and the International Phonetic Alphabet.

SCOM 3010 Advanced Public Speaking

CREDIT HOURS 3.0

PREREQUISITES SCOM 1000 and SCOM 1500 with a grade of C or higher or consent of instructor

DESCRIPTION Development of the proper techniques of persuasion, demonstration, and the preparation and delivery of business and professional speeches.

SCOM 3040 Communicating Environmental Issues

CREDIT HOURS 3.0

PREREQUISITES SCOM 1000 with a grade of C or higher

DESCRIPTION Cross-listed with JOUR 3040. Critical and cultural approaches to analyzing environmental discourses and producing problem-solving environmental messages. Global environmental issues are studied via: advocacy campaigns, journalism, green marketing, industry rhetoric, science and risk communication, media representations, and environmental and animal ethics.

SCOM 3050 Speech Communication Research Methods

CREDIT HOURS 3.0

DESCRIPTION Prerequisite SCOM 1000 with a grade of C or higher. Introduction to speech communication research methods, including data collection, analysis and interpretation. Specific methods will include observation, focus groups, interviews, experiments, surveys, and content analysis. An introduction to statistics and statistical tests is included as well.

SCOM 3060 Communication Law and Regulation

CREDIT HOURS 3.0

DESCRIPTION The laws as applied to press, film, and telecommunication. A philosophical basis and evolution of legal precedent governing media, slander, privacy, copyright, information access, constitutional issues, and practical limitations of libel. (Journalism majors must take this course under the journalism heading.).

SCOM 3250 Persuasion-CTW

CREDIT HOURS 3.0

DESCRIPTION Prerequisite Spch 1000 and Spch 2710 with a grade of C or higher. Examine humanistic and/or social scientific perspectives about persuasion. Critical thinking is emphasized through the exploration of topics that include the psychology of persuasion, propaganda, and the formulation of public opinion. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all speech majors.

SCOM 3450 Non-Verbal Communication

CREDIT HOURS 3.0

DESCRIPTION Analysis of non-verbal behaviors as human communication messages.

SCOM 3510 Principles of Debate

CREDIT HOURS 3.0

PREREQUISITES SCOM 1010 or SCOM 1500 with grade of C or higher, or consent of instructor

DESCRIPTION A systematic approach to skills necessary for effective argumentative speeches: research, evidential burdens, argument briefing, organization.

SCOM 3690 Honors Readings

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and readings in selected topics.

SCOM 4400 Development of Communication and Language Across the Lifespan

CREDIT HOURS 3.0

PREREQUISITES SCOM 1000 with grade of C or higher

DESCRIPTION Theories, nature, basic behavioral aspects, and constraints of typical communication and language development across the lifespan.

SCOM 4410 Communication Disorders

CREDIT HOURS 3.0

PREREQUISITES SCOM 3000 with grade of C or higher

DESCRIPTION Causes, incidence, assessment, and treatment of speech, language, and hearing disorders of children and adults. A basic knowledge of the anatomy and physiology of the speech and hearing mechanism is recommended.

SCOM 4440 Speech Science

CREDIT HOURS 3.0

PREREQUISITES CSD 4360 with a C or higher

DESCRIPTION Concepts of acoustical physics associated with speech perception and production processes.

SCOM 4450 Rhetorical Theory and Criticism

CREDIT HOURS 3.0

DESCRIPTION Development of critical skills useful for evaluating public discourse, with an emphasis on classical and modern theories of rhetoric.

SCOM 4475 Communication and Aging

CREDIT HOURS 3.0

DESCRIPTION A broad overview of the ways in which communication affects, and is affected by, the aging process. Life-span development and the theory and research in the area of communication and aging.

SCOM 4480 Political Campaign Communication

CREDIT HOURS 3.0

DESCRIPTION (Same as JOUR 4480.) Principles, theories and practices of communication in campaign contexts.

SCOM 4485 Presidential Rhetoric

CREDIT HOURS 3.0

DESCRIPTION Relationships between presidential communication, audiences, and the institution of the American presidency.

SCOM 4490 Communication and Gender

CREDIT HOURS 3.0

DESCRIPTION (Same as WGSS 4130.) The influence of gender (social definitions of maleness and femaleness) on public, interpersonal, and mass communication.

SCOM 4500 Visual Communication

CREDIT HOURS 3.0

DESCRIPTION (Same as JOUR 4500.) Examination of communication theories that help explain how visual images symbolically interact with audiences. The manifest and latent persuasive functions of visual messages will be explored in a variety of contexts, from the mass media to human interactions.

SCOM 4510 Media and Politics

CREDIT HOURS 3.0

DESCRIPTION (Same as JOUR 4510.) Examination of the symbiotic relationship among the media, the political process, and the public. Emphasis on how the media's structures and conventions help identify and frame issues and provide interpretative frameworks for analyzing political messages.

SCOM 4520 African-American Rhetoric

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 3480.) Survey of African-American contributions to public communication. Emphasis on Afrocentric and traditional approaches to rhetorical theory and criticism.

SCOM 4530 Voices of African-American Feminists

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4530.) Overview of the rhetorical history of African-American female political and social activities.

SCOM 4540 Mediation and Conflict Resolution

CREDIT HOURS 3.0

DESCRIPTION Three lecture hours per week. Analysis of the role of communication as it relates to mediation and conflict resolution in public and interpersonal contexts. Theoretical concepts and practical applications will be emphasized.

SCOM 4550 Communication Styles

CREDIT HOURS 3.0

DESCRIPTION Principles, theories, and impacts of various communication styles, including patronizing speech, verbal immediacy, argumentativeness, verbal aggressiveness and others.

SCOM 4560 Health Communication

CREDIT HOURS 3.0

DESCRIPTION Use theories of health communication and persuasion to critique, develop, and evaluate health communication campaigns, entertainment-education efforts, and health in the news and entertainment media. Explore the role that interpersonal communication, social media, and new technology have on health behaviors.

SCOM 4610 Rhetoric of American Issues

CREDIT HOURS 3.0

DESCRIPTION Examining the rhetoric surrounding selected issues in American history, issues that manifest in a variety of forms historically and continue to motivate current debates. Examples include: federal v. state authority; church and state; limits of free speech; pluralism v. American identity; America's role in the world; attitudes toward technology.

SCOM 4800 Communication and Diversity-CTW

CREDIT HOURS 3.0

PREREQUISITES SCOM 3250 with grade of C or higher

DESCRIPTION This senior capstone course explores the complex relationship between communication and diversity. Critical thinking is emphasized through an examination of potential topics that include ethics, conflict, identity, and community. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all speech majors.

SCOM 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

SCOM 4880 Honors Thesis: Writing

CREDIT HOURS 3.0 - 6.0

PREREQUISITES SCOM 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

SCOM 4890 Special Project

CREDIT HOURS 3.0

PREREQUISITES Nine hours credit in the major and consent of instructor

DESCRIPTION Individually-designed project in speech, utilizing on-campus and field resources. May be repeated for a maximum of six hours.

SCOM 4980 Internship

CREDIT HOURS 1.0 - 6.0

PREREQUISITES Eligibility criteria may be obtained from the Department of Communication Internship Coordinator

DESCRIPTION Representative field experiences in areas related to the speech major. This course may include a Signature Experience component.

SCOM 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

SWAH SWAHILI

SWAH 1001 Elementary Swahili I

CREDIT HOURS 3.0

DESCRIPTION This course is the first in a two-course sequence at the elementary level of Swahili. The course. consists of the study of the fundamentals of the language, using Swahili as the language of instruction. Emphasis is on oral communication with grammar and vocabulary taught in context, and the cultures of the East Africa and Swahili-speaking parts of the world presented using interactive activities, discussion, and readings. This course is not open to native-speakers, which includes anyone who used the language as his or her principal language of education.

SWAH 1002 Elementary Swahili II

CREDIT HOURS 3.0

PREREQUISITES Successful completion of SWAH 1001 with a â⊠⊠Câ⊠⊠ or higher, or placement into

DESCRIPTION 1002. This course is the second in a two-course sequence at the elementary level of Swahili. The course consists of the study of the fundamentals of the language, using Swahili as the language of instruction. Emphasis is on oral communication with grammar and vocabulary taught in context, and the cultures of the East Africa and Swahili-speaking parts of the world presented using interactive activities, discussion, and readings. This course is not open to native-speakers, which includes anyone who used the language as his or her principal language of education.

SWAH 2001 Intermediate Swahili I

CREDIT HOURS 3.0

PREREQUISITES Successful completion of SWAH 1002 with a â⊠⊠Câ⊠⊠ or higher, or placement into

DESCRIPTION 2001. This course is the first in a two-course sequence at the intermediate level of Swahili. The course consists of the study of the fundamentals of the language, using Swahili as the language of instruction. Emphasis is on oral communication with grammar and vocabulary taught in context, and the cultures of East Africa and Swahili speaking parts of the world presented using interactive activities, discussion, and readings. This course is not open to native-speakers, which includes anyone who used the language as his or her principal language of education.

SWAH 2002 Intermediate Swahili II

CREDIT HOURS 3.0

PREREQUISITES Successful completion of SWAH 2001 with a â⊠⊠Câ⊠⊠ or higher, or placement into

DESCRIPTION 2002. This course is the second in a two-course sequence at the intermediate level of Swahili. The course consists of the study of the fundamentals of the language, using Swahili as the language of instruction. Emphasis is on oral communication with grammar and vocabulary taught in context, and the cultures of East Africa and Swahili speaking parts of the world presented using. interactive activities, discussion, and readings. This course is not open to native-speakers, which includes anyone who used the language as his or her principal language of education.

TSLE 4250 Language and Discourse in Global and Professional Contexts

CREDIT HOURS 3.0

DESCRIPTION Students receive an overview of the principles of language structure, the processes of first and second language acquisition, and the issues involved in assessing language proficiency with special attention paid to the application of linguistic knowledge to the multilingual and multicultural school setting. (TSLE 4250 can be cross-listed with TSLE 7250).

TSLE 4260 Global and Local Intercultural Relations and Development

CREDIT HOURS 3.0

DESCRIPTION Students examine the concept of culture and study cultural influences and the uses of culture in the education of children. Special attention is paid to the application of linguistic and cultural knowledge to the multilingual and multicultural school setting. (TSLE 4260 can be cross-listed with TSLE 7260).

TSLE 4440 Working with Multilingual Populations

CREDIT HOURS 3.0

DESCRIPTION This course prepares students to effectively work with multilingual populations in diverse work contexts. By closely working with a multilingual individual one-on-one in meeting their language needs, students will become familiar with current second language classroom research and methods and materials with an emphasis on adapting these methods and materials to a specific work setting. Students will learn about themselves, different learning and communication styles, and working with diverse populations. The combination of the course work and tutoring experience allows students to explore a number of sociocultural and linguistic issues that multi-linguals encounter as well as assets that they have. (TSLE 4440 can be cross-listed with TSLE 7440).

TEXT 3000 Introduction to Textiles

CREDIT HOURS 3.0

PREREQUISITES ART 1010, ART 1020, ART 1030, and AH 1700 with grades of C or higher

DESCRIPTION Investigation of color theory and color mixing as applied to dyeing. Fiber identification, basic dye chemistry, and dye techniques. Resist-dye processes, including shibori. Basic sewn structures.

FEES $110.00

TEXT 3100 Surface Design I

CREDIT HOURS 3.0

PREREQUISITES ART 1010, ART 1020, ART 1030, and AH 1700 with grades of C or higher

DESCRIPTION Application of surface-design techniques on fabric. Paste-resist dyeing, fabric-printing techniques using stencils, blocks, and stamps. Manipulation of designed fabric.

FEES $60.00

TEXT 3200 Textile Structures I

CREDIT HOURS 3.0

PREREQUISITES ART 1010, ART 1020, ART 1030, and AH 1700 with grades of C or higher

DESCRIPTION Introduction, investigation and expansion of the textile-based utility structures as an art form. Such non-loom structures as looped, knotted, knotless and interlaced structures towards mixed media fine art and design application.

FEES $60.00

TEXT 3300 Fibers, Fabrics, and Forms

CREDIT HOURS 3.0

PREREQUISITES ART 1010, ART 1020, ART 1030, and AH 1700 with grades of C or higher

DESCRIPTION An introduction to the practices, processes, and ideas of a creative artist working in 3D Fiber/Mix-Media forms. Course focuses on hand-constructed processes and structures such as coiling, twining, interlacing, knitting, crocheting, etc. as three-dimensional art forms.

TEXT 3500 Surface Design II: Photo Screen Printing

CREDIT HOURS 4.0

PREREQUISITES TEXT 3000 and TEXT 3100 with grades of C or higher, or approval of instructor

DESCRIPTION Exploration of photo screen printing processes for art fabric and yardage. Investigation of repeats, complex surface design processes, and color interaction.

FEES $115.00

TEXT 3600 Textile Structures II

CREDIT HOURS 4.0

PREREQUISITES TEXT 3000, TEXT 3100, TEXT 3200, and TEXT 3910 with grades of C or higher, or consent of instructor

DESCRIPTION Introduction, investigation and expansion of the textile-based utility structures as an art form. Such non-loom structures as looped, knotted, knotless and interlaced structures towards mixed media fine art and design application.

FEES $95.00

TEXT 3700 Heat Techniques with Fabric

CREDIT HOURS 4.0

PREREQUISITES TEXT 3000 and TEXT 3100 with grades of C or higher, or approval of instructor

DESCRIPTION Thermal dye printing techniques using disperse dyes on synthetic fiber. Three-dimensional origami patterning, heat-shaped shibori and pleating, contemporary surface design using heat tools. Exploration in large scale art fabric and sculptural forms.

FEES $95.00

TEXT 3800 Digital Textile Design

CREDIT HOURS 4.0

PREREQUISITES TEXT 3000, TEXT 3100, and TEXT 3910 with grades of C or higher, or consent of instructor

DESCRIPTION CAD (Macbased) digital textile design and printing on wide format printer. Repeat design printing on fabric and postprint treatment. Design portfolio development and large scale art fabric. This course may be repeated for a maximum of eight credit hours if topic varies.

FEES $95.00

TEXT 3900 Selected Topics in Textiles

CREDIT HOURS 4.0

PREREQUISITES Consent of instructor

DESCRIPTION Special topics for studio art majors. May be repeated for a maximum of eight credit hours.

FEES $20.00

TEXT 3910 Historic Textiles

CREDIT HOURS 3.0

PREREQUISITES AH 1700 with grade of C or higher

DESCRIPTION Historical survey of textiles, textile technology, and design on both woven and dyed/printed/painted textiles worldwide. Interrelationship of textile technology and design in a historical and cultural context. Global Perspectives Course.

TEXT 4500 Directed Study in Textile Design

CREDIT HOURS 4.0

PREREQUISITES TEXT 3000, TEXT 3100, and TEXT 3910 with grades of C or higher, or consent of instructor

DESCRIPTION Directed study on advanced surface design or individual research into ethnic, historical, and contemporary textile design practice in both surface design and weaving. This course may be repeated for up to sixteen credit hours, if the topic varies.

FEES $95.00

TEXT 4930 Internship in Textile Design

CREDIT HOURS 3.0

PREREQUISITES TEXT 4500 with grade of C or higher

DESCRIPTION Supervised internship experience in a professional design studio or textile manufacturing center. This course must be requested one semester in advance. This course may include a Signature Experience component.

TEXT 4940 Portfolio I

CREDIT HOURS 3.0

PREREQUISITES TEXT 4500 with grade of C or higher

DESCRIPTION Senior-year studio experience for B.F.A. candidates. Committee review.

FEES $70.00

TEXT 4950 Portfolio II-CTW

CREDIT HOURS 3.0

PREREQUISITES TEXT 4940 with grade of C or higher, or concurrently

DESCRIPTION Culminating studio experience for B.F.A. candidates. Committee review. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all Textiles majors.

FEES $70.00

TEXT 4980 Special Problems

CREDIT HOURS 1.0 - 6.0

PREREQUISITES TEXT 3000, TEXT 3100, TEXT 3200, TEXT 3910, and TEXT 4500 with grades of C or higher, and all 4000-level courses requirement toward BFA, or consent of instructor

DESCRIPTION Independent in-depth research and studio experience initiated by the student.

THEA 1550 Dance Tech for the Performer

CREDIT HOURS 3.0

DESCRIPTION This course introduces the art and practice of beginning dance techniques for the performer; includes technical practice, exploration of the elements of dance, the history of dance, and creative activities leading to the appreciation of dance performance and the development of a beginning technical vocabulary. This course is for students with no dance training or those who wish to develop beyond the beginning level.

THEA 1551 Tap Dance I

CREDIT HOURS 1.0

DESCRIPTION This course provides the basic technical skills of tap dancing and consists of two studio hours per week. It is intended for students with no previous training or basic tap skills.

THEA 1552 Tap Dance II

CREDIT HOURS 1.0

PREREQUISITES THEA 1551

DESCRIPTION This course provides further foundation training necessary for the development of skilled proficiency in tap dance. It consists of two studio hours one day per week.

THEA 1553 Jazz Dance I

CREDIT HOURS 1.0

DESCRIPTION This course provides the foundation training necessary for the development of skilled proficiency in jazz dance. It consists of two studio hours one day per week.

THEA 1554 Jazz Dance II

CREDIT HOURS 1.0

PREREQUISITES THEA 1553

DESCRIPTION This course provides practice of jazz technique at the intermediate level with emphasis on the varied styles of choreography used in theatre and concert productions. It consists of two studio hours one day per week.

THEA 1556 Social Dance I

CREDIT HOURS 1.0

DESCRIPTION The course introduces forms of different cultures. It covers international and American folk dances, social forms, and ballroom. The course consists of two studio hours one day per week.

THEA 1607 Stagecraft Skills

CREDIT HOURS 3.0

DESCRIPTION The fundamentals of set construction, painting, lighting, costuming, and backstage organization are emphasized. Practical work in the stage shop is required.

THEA 1610 Improving Voice and Articulation for the Actor

CREDIT HOURS 3.0

DESCRIPTION This is a laboratory theatre class for the correction of deficiencies in voice or articulation for performers. Careful analysis of speeches are followed by intensive directed exercises for correction, based on an understanding of the speaking mechanism and of elementary phonetics.

THEA 1650 Design Skills For The Theatre

CREDIT HOURS 3.0

PREREQUISITES THEA 1611 or permission of the instructor

DESCRIPTION This course introduces Theatre students to tools, methods and skills for Theatre Design. Students will learn to work as a designer and how to present themselves as such to the world at large.

THEA 1660 Makeup for the Stage

CREDIT HOURS 3.0

DESCRIPTION This course is a practical exposure for students to Makeup Design and Application for the Stage. In this course, students will learn techniques in 2 dimensional makeup, skin care for performers, hair and wig concerns as well as touching upon 3 dimensional makeup.This course is a practical exposure for students to Makeup Design and Application for the Stage. In this course, students will learn techniques in 2 dimensional makeup, skin care for performers, hair and wig concerns as well as touching upon 3 dimensional makeup.

THEA 1701 Theater Practicum

CREDIT HOURS 1.0

DESCRIPTION This course is participation as a performer in theatre productions (full length plays or musicals. produced as part of the fine arts season). Audition required in advance. May not be taken at the same time as THEA 1702.

THEA 1702 Technical Theatre Practicum

CREDIT HOURS 1.0

DESCRIPTION Participation must be approved in advance by instructor. This course offers students practical work on theatre productions (full length plays or musicals produced as part of the fine arts season) in the areas of technical production including: stage management, lighting, sound, backstage crew, costuming, props, and makeup/wigs/hair. May not be taken at the same time as THEA 1701.

THEA 1758A Music Theatre Ensemble

CREDIT HOURS 1.0

PREREQUISITES THEA 1603 or previous vocal study in Theatre genre and the permission of the instructor or the theatre coordinator

DESCRIPTION This course is a training ground for music theatre performers to learn to integrate the fundamental skills of singing, acting, and stage movement into their work. The semester culminates in a recital of musical theatre selections of ensemble, duo and solo works. As the course content varies from term to term, the course may be taken more than once.

THEA 2010 Theatrical Design and Production

CREDIT HOURS 4.0

DESCRIPTION Introduction to theatrical design: scenery, lighting, and costume as they relate to technical production. Scene shop hours required Monday, Wednesday, or Friday from 1:30 â⊠⊠ 5:30.

THEA 2040 Introduction to the Theatre

CREDIT HOURS 3.0

DESCRIPTION Lectures, videos, and live theatre events to introduce the non-theatre major to the basic elements of theatrical production, dramatic writing, and the historical context of the art. Studio and/or shop work required.

THEA 2100 Play Analysis for Production

CREDIT HOURS 3.0

DESCRIPTION This course includes a textual analysis of play scripts, with an emphasis on the perspective of the practitioner of theatre for production purposes.

THEA 2210 Beginning Acting

CREDIT HOURS 3.0

DESCRIPTION The fundamentals of acting theories and techniques are taught through improvisation, character development, monologue, and scene-work.

THEA 2212 Intermediate Acting

CREDIT HOURS 3.0

DESCRIPTION Prerequisites:THEA 2210. Continuation of the study of the theories of acting with practice in applying techniques and skills with emphasis on an actorâ⊠⊠s approach to a role, characterization, styles of acting, and vocal technique.

THEA 2401 Scenery Skills For The Theatre

CREDIT HOURS 3.0

PREREQUISITES THEA 1607

DESCRIPTION This course expands on skills learned in the basic stagecraft course in the areas of scenery construction, scenic painting and properties. The approach is practical, emphasizing projects over lecture.

THEA 2402 Costume Skills For The Theatre

CREDIT HOURS 3.0

PREREQUISITES THEA 1607

DESCRIPTION This course expands on skills learned in the basic stagecraft course in the areas of costume construction, fabric science, and crafts. The approach is practical,emphasizing projects over lecture.

THEA 2403 Lighting/Sound Skills For Theatre

CREDIT HOURS 3.0

PREREQUISITES THEA 1607

DESCRIPTION This course expands on skills learned in the basic stagecraft course in the areas of lighting and sound. It details technical skills and safety practices. The approach is practical, emphasizing projects over lecture.

THEA 2450 Stage And Theatre Management

CREDIT HOURS 3.0

PREREQUISITES THEA 1607

DESCRIPTION This course exposes students to the full process of Stage Management for Live Theatre as well as the basic concepts, and procedures of other areas including Production, Audience, and Business Management. Must be completed with a 'C' or better to count for the major.

THEA 3000 Lighting Design for Theatre

CREDIT HOURS 4.0

PREREQUISITES THEA 1010

DESCRIPTION Principles, processes, and aesthetics of lighting design for the theatre. Working knowledge of standard lighting equipment and terms used in the industry. Familiarity with the elements and functions of light, aesthetics of a lighting design, color in light and electrical theory. Practical experience working with lighting equipment used in theatre and design practica aid students in the development of a lighting plot, sectional, storyboards and paperwork for a theatrical production. Production crew work required.

THEA 3110 Technical Production II

CREDIT HOURS 3.0

PREREQUISITES THEA 1010 with grade of C or higher

DESCRIPTION Principles, processes and aesthetics of theatrical production as it relates to the technical director. Advanced topics in stage technology, including production planning, structural design for the stage, welding and rigging for the theatre, and drafting.

THEA 3210 Acting II

CREDIT HOURS 3.0

PREREQUISITES THEA 2210 with grade of C or higher, or consent of instructor

DESCRIPTION Continuation of the study of the theories of acting with practice in applying techniques and skills.

THEA 3300 Dramatic Writing for Stage and Screen

CREDIT HOURS 3.0

PREREQUISITES Consent of instructor

DESCRIPTION (Same as FLME 3300.) Basic principles of generating creative concepts, writing in dialogue form, dramatic structure, characterization, and using page formats for both play and screenplay. Students will write short pieces in both forms.

THEA 3690 Honors Reading

CREDIT HOURS 1.0 - 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and readings on selected topics.

THEA 4000 Acting for the Camera

CREDIT HOURS 4.0

PREREQUISITES THEA 2210 with grade of C or higher

DESCRIPTION (Same as FLME 4000.) Two lecture and two laboratory hours a week. Acting theory and practice related to film and television acting and performance. Course will require significant unscheduled collaborative class activity. Students must bear the cost of all materials and services required for the completion of class projects and assignments.

THEA 4050 Directed Activities in Technical Theatre

CREDIT HOURS 1.0 - 3.0

PREREQUISITES THEA 1010 with grade of C or higher and consent of instructor

DESCRIPTION Performance of assigned theatre project, or production or design position in a Georgia State theatre production. May be repeated for a maximum of nine credit hours.

THEA 4070 Western Theatre History-CTW

CREDIT HOURS 3.0

DESCRIPTION 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 the Critical Thinking Through Writing (CTW) course required of all theatre majors.

THEA 4090 African-American Theatre

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4650.) Examination of the history and contributions of African-Americans to the American theatre.

THEA 4130 Stage Management

CREDIT HOURS 3.0

PREREQUISITES THEA 1010 and THEA 3100 with grades of C or higher

DESCRIPTION Overview of the theories, practicalities, and techniques of theatre stage management, including rehearsal and performance procedures, organizing and managing various types of performance venues, scheduling and union and non-union theatre rules. Practical exposure to professional stage management will be provided through participation in a Georgia State University Theatre production as either a stage manager or an assistant stage manager.

THEA 4210 Acting Styles

CREDIT HOURS 3.0

PREREQUISITES THEA 3210 with grade of C or higher

DESCRIPTION Advanced acting techniques for the creation and performance of various dramatic forms. Specific topics will change. Can be repeated for a maximum of twelve (12) hours, if topics vary.

THEA 4310 Advanced Playwriting

CREDIT HOURS 3.0

PREREQUISITES THEA 3300 with grade of C or higher

DESCRIPTION Continuation of study and practice of dramatic writing for the stage. Students will learn full-length dramatic structure, play development, and will write one full-length play.

THEA 4760 Performance Theory and Practice

CREDIT HOURS 3.0

PREREQUISITES THEA 4070 or THEA 4080 with grade of C or higher

DESCRIPTION Major twentieth-century ideas about live performance, from ritual to theatre, and their application to the criticism and creation of performance and plays.

THEA 4850 Directing

CREDIT HOURS 3.0

PREREQUISITES THEA 2210 with grade of C or higher, nine hours of major credit, or consent of instructor

DESCRIPTION Theory and analysis for directing theatrical productions, including practical exercises and directing a one-act play.

THEA 4860 Special Topics

CREDIT HOURS 3.0

PREREQUISITES Consent of instructor

DESCRIPTION Special topics in theatre performance and playwriting.

THEA 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Reading or research preparatory to honors thesis or project. This course may include a Signature Experience component.

THEA 4880 Honors Thesis: Writing

CREDIT HOURS 3.0 - 6.0

PREREQUISITES THEA 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

THEA 4890 Special Project

CREDIT HOURS 3.0

PREREQUISITES Nine hours major credit and consent of instructor

DESCRIPTION Independent study in theatre. May be repeated to a maximum of six hours.

THEA 4950 Production Seminar

CREDIT HOURS 4.0

PREREQUISITES Consent of instructor

DESCRIPTION Faculty supervised research and production work culminating in public performance of an evening of theatre. Course may be repeated once as an elective.

THEA 4980 Internship

CREDIT HOURS 1.0 - 6.0

PREREQUISITES Eligibility criteria may be obtained from the Department of Communication Internship coordinator

DESCRIPTION Representative field experiences in theatre and related areas. This course may include a Signature Experience component.

THEA 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

3DS THREE-DIMENSIONAL STUDIES

3DS 3000 Introduction to Sculpture

CREDIT HOURS 3.0

PREREQUISITES ART 1030 or ART 1050 with grade of C or higher

DESCRIPTION Assembling and fabricating; techniques and procedures in materials such as wood, metal, concrete, plaster, plastics, etc.

FEES $120.00

3DS 3050 Hand Building I

CREDIT HOURS 3.0

PREREQUISITES ART 1030 or ART 1050 with grade of C or higher

DESCRIPTION Hand building methods of clay fabrication. Investigation of decoration processes, glazing, and firing of ceramic ware. Lab Fees: $80.00.

3DS 3100 Moldmaking

CREDIT HOURS 3.0

PREREQUISITES ART 1030 or ART 1050 with grade of C or higher

DESCRIPTION Emphasis in molding and casting procedure applicable to metals, plastics, and concrete.

FEES $120.00

3DS 3150 Wheel Throwing I

CREDIT HOURS 3.0

PREREQUISITES ART 1030 or ART 1050 with grade of C or higher

DESCRIPTION Throwing on the potter's wheel. Emphasis on developing basic skills and techniques.

FEES $80.00

3DS 3250 Advanced Wheel Throwing

CREDIT HOURS 4.0

PREREQUISITES 3DS 3150 with grade of C or higher

DESCRIPTION Advanced work on the potterâ⊠⊠s wheel. Introduction to techniques of the production potter. Repeatable up to 3 times for credit.

FEES $80.00

3DS 3300 Intermediate Sculpture

CREDIT HOURS 4.0

PREREQUISITES 3DS 3000 or 3DS 3100 with a grade of C or higher

DESCRIPTION An intermediate-level course designed to build upon skills acquired in 3DS 3000 or 3DS 3100 and prepare students to enter Directed Study in sculpture. May be repeated for up to 8 hours. Lab Fee $120.00.

3DS 3350 Ceramic Sculpture

CREDIT HOURS 4.0

PREREQUISITES 3DS 3050 with grade of C or higher

DESCRIPTION Advanced methods of hand building with clay and plaster mold making processes; emphasis on ceramic sculptural techniques. Repeatable up to 2 times for credit.

FEES $80.00

3DS 3600 Sculptural Drawing

CREDIT HOURS 4.0

PREREQUISITES 3DS 3000 with grade of C or higher, or consent of instructor

DESCRIPTION Investigates the process and outcome of drawing from the sculptor's perspective. Technical and conceptual aspects of drawing from this point of view will be covered.

FEES $120.00

3DS 3650 Ceramics Materials

CREDIT HOURS 4.0

PREREQUISITES 3DS 3050, 3DS 3150, and 3DS 3250, or higher ceramics course with grades of C or higher, or consent of instructor

DESCRIPTION Elementary chemistry as applied to glaze calculation; firing process; clay bodies; kiln building; studio equipment; and organizing.

FEES $80.00

3DS 3700 Wood Design

CREDIT HOURS 4.0

PREREQUISITES 3DS 3000 with grade of C or higher, or consent of instructor

DESCRIPTION A techniques-based course exploring wood as a medium for sculptural expression. Includes both additive and subtractive use of wood media, use of wood as a component of mixed-media works, lamination, and joinery.

FEES $120.00

3DS 3750 Digital and Photographic Imaging on Clay

CREDIT HOURS 3.0

PREREQUISITES 3DS 3050 or 3DS 3150, each with a C or higher; or permission of instructor

DESCRIPTION Students will learn how to make their own, unique ceramic decals using Photoshop photo editing techniques combined with the traditional printmaking technique of screen printing. The course will require students to reflect on the conceptual and aesthetic impact of the two dimensional imagery upon three dimensional forms. Course includes lab fee.

3DS 3800 Installation Art

CREDIT HOURS 4.0

PREREQUISITES 3DS 3000 with grade of C or higher, or consent of instructor

DESCRIPTION Exploration of the methods and theories involved in the production of installation art through the investigation of form and space and of their function in transforming environmental, architectural, or invented sites.

FEES $120.00

3DS 3900 Selected Topics in Sculpture

CREDIT HOURS 4.0

PREREQUISITES 3DS 3000 and 3DS 3100, or 3DS 3200 with grade of C or higher

DESCRIPTION Special topics for studio art majors: technical workshops and specialized experiences or readings applicable to sculpture. May be repeated for a maximum of eight credit hours.

FEES $120.00

3DS 3920 Contemporary Ceramic History

CREDIT HOURS 3.0

DESCRIPTION Exploration of the ceramics from the Arts and Crafts Movement of the nineteenth century through contemporary trends.

3DS 3950 Selected Topics in Ceramics

CREDIT HOURS 3.0

PREREQUISITES 3DS 3050 or 3DS 3150 with grade of C or higher

DESCRIPTION Special topics for studio art majors. May be repeated for a maximum of nine credit hours.

FEES $80.00

3DS 4500 Directed Study in Sculpture

CREDIT HOURS 4.0

PREREQUISITES 3DS 3000 or 3DS 3100 with a grade of C or higher, and at least one of 3DS 3600, 3DS 3700, 3DS 3800, and 3DS 3900 with grade of C or higher

DESCRIPTION Individual studio problems for advanced students. May be repeated for a maximum of twenty credit hours.

FEES $120.00

3DS 4550 Directed Study in Ceramics

CREDIT HOURS 4.0

PREREQUISITES 3DS 3250 and 3DS 3350 with grade of C or higher

DESCRIPTION Individual studio problems for advanced students.

FEES $80.00

3DS 4930 Internship

CREDIT HOURS 3.0

PREREQUISITES Consent of advisor

DESCRIPTION Available to advanced students who want to pursue a specialized educational opportunity not offered in the regular sculpture curriculum. For students who are seeking experience in the everyday professional field of sculpture. This course may include a Signature Experience component.

3DS 4940 Sculpture Portfolio I

CREDIT HOURS 3.0

PREREQUISITES 3DS 4500 with grade of C or higher

DESCRIPTION Senior-year studio experience for B.F.A. degree candidates. Committee review.

3DS 4945 Ceramic Portfolio I-CTW

CREDIT HOURS 3.0

PREREQUISITES 3DS 4550 with grade of C or higher

DESCRIPTION Senior-year studio experiences for B.F.A. degree candidates. First BFA capstone course for ceramics majors. Students develop a body of work. Fulfills CTW requirement. Committee review.

FEES $80.00

3DS 4950 Sculpture Portfolio II-CTW

CREDIT HOURS 3.0

PREREQUISITES 3DS 4940 with grade of C or higher, or concurrently

DESCRIPTION Culminating studio experiences for B.F.A. degree candidates. Committee review. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all Sculpture majors.

3DS 4955 Ceramic Portfolio II-CTW

CREDIT HOURS 3.0

PREREQUISITES 3DS 4945 with grade of C or higher, or concurrently

DESCRIPTION Final BFA capstone course for ceramics majors. Culminating studio experiences for B.F.A. degree candidates. Committee review. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all Ceramics majors.

FEES $80.00

3DS 4980 Special Problems

CREDIT HOURS 4.0

PREREQUISITES Consent of instructor and of School director

DESCRIPTION Independent studies initiated by the student. May be repeated for a maximum of eight credit hours.

TURK 1001 Elementary Turkish I

CREDIT HOURS 3.0

DESCRIPTION Development of basic communication skills in modern spoken Turkish. Introduction to the system of writing, the reading of simple texts, and basic grammatical structures. Students will be introduced to various aspects of turkish culture. Not open to native speakers of Turkish.

TURK 1002 Elementary Turkish II

CREDIT HOURS 3.0

PREREQUISITES TURK 1001 with a grade of C or higher, or placement into 1002

DESCRIPTION Development of basic communication skills in modern spoken Turkish. Introduction to the system of writing, the reading of simple texts, and basic grammatical structures. Students will be introduced to various aspects of turkish culture. Not open to native speakers of Turkish.

TURK 2001 Intermediate Turkish I

CREDIT HOURS 3.0

PREREQUISITES TURK 1002 with grade of C or higher, or placement into 2001

DESCRIPTION This course emphasizes the continuing development of communicative skills, further work with the writing system, reading of simple authentic texts and understanding of intermediate grammatical structures. Turkish culture presented.

TURK 2002 Intermediate Turkish II

CREDIT HOURS 3.0

PREREQUISITES TURK 2001 with grade of C or higher, or placement into 2002

DESCRIPTION This course emphasizes the continuing development of communicative skills, further work with the writing system, reading of simple authentic texts and understanding of intermediate grammatical structures. Turkish culture presented.

URB 3010 Contemporary U.S. Cities

CREDIT HOURS 3.0

DESCRIPTION The course discusses the historical growth and development of U.S. cities and metropolitan areas from the pre-industrial era through to the twenty-first century. It will then explore a set of key, contemporary debates â all in the context of cities and the urban -- in the realm of social and economic justice, environmental sustainability, and closely related topics. The course will employ classroom discussion, visits by scholars, practitioners, and advocates, and other means to explore these topics.

URB 3020 The Global Evolution of Cities

CREDIT HOURS 3.0

DESCRIPTION This is a highly interdisciplinary course, employing perspectives from history, geography, economics, architecture, humanities, sociology, anthropology, and political science; utilizing a series of modules and case-studies, from the earliest cities in the Bronze Age to present-day global-city regions. The course provides a sense of the spectrum of urbanity through the ages and across the worldâs regions. It will introduce key moments in the evolution of cities around the world; moments that can also be thought of as urban revolutions.

WGSS WOMEN'S GENDER & SEXUALITY STUDIES

WGSS 1099 General Credit

CREDIT HOURS 1.0 - 3.0

DESCRIPTION Previously WSt 1099.

WGSS 2010 Introduction to Women's, Gender and Sexuality Studies

CREDIT HOURS 3.0

DESCRIPTION Gender and sexuality provide the organizing framework for analyzing the intersections among oppressions, including (but not limited to) sexism, racism, imperialism, homophobia, ableism, and classism.

WGSS 3010 Feminist Theories

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Introduction to critical questions and contemporary debates in U.S. feminist theories, including the interrelations between increasing globalization and theorizing gender/sexuality.

WGSS 3030 Introduction to LGBT Studies

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Introduction to LGBT (lesbian, gay, bisexual, and transgender) Studies introduces students to historical, theoretical and empirical research as well as fiction, film, and essays that relate to LGBT studies.

WGSS 3040 Globalization and Gender

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Globalization is a complicated process by which people, commodities, images, and capital move with great speed and fluidity across national borders. This course aims to familiarize students with the social, political, and economic impacts of globalization worldwide and to understand the gendered dynamics of such a process. Global Perspectives Course.

WGSS 3120 Families and Society

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as SOCI 3101.) Key concepts and processes of family sociology with application to sexuality, partner selection, transition to parenthood, parenting and children, housework and paid work, conflict and violence, divorce and remarriage, grandparenting, care giving, and alternative families.

WGSS 3130 Gender and Society

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as SOCI 3216.) Social construction of gender, gender-based stratification, and power dynamics.

WGSS 3140 Birth and Parenthood

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as SOCI 3152.) Pregnancy, birth, and parenting; fatherhood and motherhood in a social and historical context.

WGSS 3150 Sexuality and Society

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Same as SOCI 3156. Social construction and social control of sexuality. Examining trends in sexual attitudes and behaviors across the life course and how they are influenced by social interaction and social institutions. Topics may include sex research methods, representations of sexuality, sex education, sexual health and infection, sexual violence, and the commodification of sex.

WGSS 3356 Queer Identities

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as SOCI 3356.) Social construction of gay, lesbian, and bisexual identities, contemporary issues, including types and effects of discrimination based on sexual identity.

WGSS 3995 Feminist Literary Criticism

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as ENGL 3995.) Critical approaches to the varieties of feminist thinking that influence studies of language, literature, and culture. Individual courses will vary in focus; topics and writers may range from the medieval period to the present. Multicultural perspectives on issues of gender, race, and class emphasized.

WGSS 4040 Gender, Race, and Class in Complex Societies

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better and ANTH 2020, or consent of instructor

DESCRIPTION (Same as ANTH 4040.) Experiential learning in the urban setting through direct exposure to and experience in an ethnic community. Informed awareness of the knowledge, attitudes, and practices of ethnic communities within the community and larger society. Cities Perspectives Course.

WGSS 4130 Communication and Gender

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as Spch 4490.) The influence of gender (social definitions of maleness and femaleness) on public, interpersonal, and mass communication.

WGSS 4150 Women and Media

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as JOUR 4780.) Critical and analytical approaches applicable to the study of women in the media. Emphasis on research methods appropriate for analyzing mediated representations of women and the impact of those images on women in society.

WGSS 4210 Gender and Power in Ethnographic Perspective

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better, and ANTH 2020 with grade of C or higher, or consent of instructor

DESCRIPTION (Same as ANTH 4420.) Ethnographic and theoretical examination of the role of gender in human societies, including role differences and inequalities between women and men cross-culturally; the cultural significance and social institutions associated with public and domestic spheres; power, ideology, and the production of historically specific gender identities and sexualities; global perspectives on feminism and approaches to women's empowerment.

WGSS 4240 Sexuality and Gender in Asia

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as WGSS 6240.) Students will be exposed to studies of sexuality and gender in Asia from the perspective of feminist theory, queer theory, LGBT studies, and women's gender, and sexuality studies. Materials explored include academic texts, memoir, fiction, and film. No prior course on Asian Studies is required. The course will be particularly useful for majors/minors in Women's Studies, anthropology, and Asian Studies. Global Perspectives Course.

WGSS 4310 Girls

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as ANTH 4320 and SOCI 4315.) Feminist analyses of who girls are and how they are socialized in our society. Girls' experiences with social institutions, growth and development issues, self-esteem and body image, sexuality, culture and media, third-wave feminism, and girls' movements.

WGSS 4340 Gender and Film

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as Film 4340.) Examines representations of gender in film and media from a variety of analytical perspectives as a way to understand social relations and cultural practices.

WGSS 4360 Feminist Philosophy

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as PHIL 4860.) Classical and contemporary issues concerning women, such as discrimination on the basis of gender, class, race, or sexuality, whether gender is natural or constructed, and historical roots of feminist and anti-feminist perspectives.

WGSS 4440 Women in America

CREDIT HOURS 4.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as HIST 4250.) Issues involving American women from the seventeenth century to the present. Topics include women's changing economic role, the family, religion, race and ethnicity, the struggle for legal and political equality.

WGSS 4470 Visual Culture

CREDIT HOURS 4.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as ANTH 4470.) Study of the visual politics of social organization with emphasis on the images and the arenas of everyday life in North American culture. Includes explorations of the fashion system, the medical body, the cosmetic and fitness industry, visual colonialism, museum displays, and high and popular art.

WGSS 4510 Feminist Political Theory

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as POLS 4510.) This course is divided into three sections. The first is an overview of the treatment of women in Western political thought. The second is an analysis of five strands of feminist thinking: liberal, Marxist, socialist, radical, and postmodern. The third is a more detailed look at a few particular authors, including de Beauvoir, Gilligan, hooks, and MacKinnon.

WGSS 4580 Thinking the Body

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Crosslisted with WGSS 6580. This course considers different threads of feminist and social body theory as they consider the idealization and representation of the body, the input of biopolitical and scientifico-medical discourses on notions of the body, and interrogate the perceived materiality of the body. The course also addresses interventions in normalizing body discourses, specifically in genres of performance art, memoir, and personal essay.

WGSS 4590 Cultural Studies of Gender

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Introduces students to cultural studies as a methodological approach to studying gender and culture. The topics vary each year; however, the course will consistently examine how popular culture provides a means for understanding social negotiation, politics and identity construction that people enact in everyday activities with a special focus on the role of gender.

WGSS 4650 Gender and Sexuality in European History

CREDIT HOURS 4.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as HIST 4650.) Explores changing views of men's and women's roles in society, politics, and the economy. Topics include changing ideas about masculinity and femininity; the evolution in ideas about sex and sexuality; the invention of homosexuality; and the "sexual revolution" of the twentieth century.

WGSS 4720 Feminist Issues in Contemporary Art

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a C or better

DESCRIPTION Emphasis on feminist analyses of contemporary art and visual culture. Crosslisted with AH 4720, AH 6720, and WGSS 6720.

WGSS 4740 Women Artists

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as AH 4750.) A survey of women artists from prehistory to the present.

WGSS 4750 Black Feminist Thought

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Explores the tradition of Black feminism in the nineteenth and twentieth centuries. Students will critically read, discuss, and respond in writing to a series of texts representing Black feminist thought and its relationship to other feminisms. Students will be expected to demonstrate their knowledge of the Black feminist tradition and their ability to query, compare, and extend Black feminist theories.

WGSS 4760 Activism: History and Theory

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Theoretical and historical perspectives on activism, focusing on how various types of activism are intertwined, the emergence of second-wave feminism within the context of civil rights and anti-war movements, and current feminist activisms within broader social justice frameworks. Students are required to spend a specified number of hours per week working on an activist project. This course may include a Signature Experience component.

WGSS 4770 Gender and Sexuality in the African Diaspora

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION This course thinks about the kinds of conceptual tools: questions, methods, theories, histories, geographies, time periods, and social/cultural movements needed in order to understand the dynamic and shifting terrain of gender and sexuality in the African Diaspora. Colonialism, slavery, social movements as well as transnational circuits of music, self-expression, desire and consumption/production will frame our approach to theorizing gender and sexuality in the actual and imagined spaces of the African Diaspora. Crosslisted with WGSS 6770. Global Perspectives Course.

WGSS 4780 African-American Lesbian and Gay Activism

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as AAS 4780.) Examines the speeches, writings, and other public communication of African-American lesbians and gay men who promote democratic ideals. Surveys historical and contemporary issues confronting this marginalized population. Emphasis on thematic and cultural critical approaches.

WGSS 4810 Feminism and Foucault

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Provides a broad overview of the works of the French philosopher, Michel Foucault, and emphasizes feminist/womanist use of his theories and methods to analyze domination and resistance.

WGSS 4820 Feminism and Queer Theory

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Analyzes the relations of sexuality and gender identity, as well as the interrelationships among these identities and other institutions, such as capitalism, globalization, art and performance, the law, media, and academia.

WGSS 4830 Class Matters

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Investigates the complexities of class in the U.S., where it is elusive because we often imagine ourselves free from the fixed hierarchies of other societies or, at the very least, overestimate our class mobility. Connects issues of social stratification to other systemic oppressions, such as race and gender, in the context of increasing globalization.

WGSS 4842 Sexuality and Nationalism

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION This course explores the relationship between modern forms of identity, sexuality, gender and political regimes. We will explore the deployment of sexuality in various political systems and discuss the specific relations between nationalism and sexuality. Global Perspectives Course.

WGSS 4844 Youth and Sexualities

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION This class takes up the intersections of youth and sexuality. Readings, discussion, and analysis focus on the ways adults seek to govern the sexual subjectivities of young people and the ways young people respond to their surroundings as they create identities and social practices related to sexuality. Focuses of the course include practices of governing others and the self relating to sex education, the creation of "LGBT" and "queer" youth, social scientific "expertise," and popular culture.

WGSS 4846 Gender, War, and Militarism in/and the Middle East

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Crosslisted with WGSS 6846. This course explores the interrelationships of war and militarism with gender and sexuality, with a focus on the geopolitical context of the Middle East. Students will engage with a variety of feminist and queer perspectives and disciplinary and interdisciplinary methodologies, including history, anthropology, literature, international relations, and cultural studies. Global Perspectives Course.

WGSS 4870 Honors Thesis: Research

CREDIT HOURS 1.0 - 6.0

PREREQUISITES WGSS 2010 with a grade of C or better and good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

WGSS 4880 Honors Thesis: Writing

CREDIT HOURS 1.0 - 6.0

PREREQUISITES WGSS 2010 with a grade of C or better, WGSS 4870, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

WGSS 4910 Special Topics

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Intensive treatment of specified topics in women's studies. May be repeated for credit if topic varies.

WGSS 4911 Special Topics in Sexuality Studies

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Intensive treatment of specified topics in sexuality studies. May be repeated if topic varies.

WGSS 4930 Senior Seminar in Women's, Gender, and Sexuality Studies-CTW

CREDIT HOURS 3.0

DESCRIPTION Opportunity to engage in advanced scholarship, community engagement, or creative conceptualization, the topic of which will be chosen by the student in consultation with the instructor. The primary components of the course include developing research, writing, and/or professional skills. Serves as the Critical Thinking through Writing (CTW) course required of all women's, gender, and sexuality studies majors. May be repeated to a maximum of six hours.

WGSS 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 - 4.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements. This course may include a Signature Experience component.

WGSS 4999 Directed Readings

CREDIT HOURS 1.0 - 4.0

PREREQUISITES WGSS 2010 with a minimum grade of C and consent of instructor

DESCRIPTION This course may include a Signature Experience component.

Appendix II Administration and Faculty

This chapter contains information on administration for the University System of Georgia, Board of Regents and Georgia State University. A list of all Georgia State University faculty is provided.

The University System of Georgia

The University System of Georgia includes all state-operated institutions of higher education in Georgia: four research universities, four comprehensive universities, nine state universities, and nine state colleges. These 26 public institutions are located throughout the state.

A 19-member constitutional Board of Regents governs the University System, which has been in operation since 1931. Appointments of board members, five from the state-at-large and one from each of the state's fourteen congressional districts, are made by the governor and are subject to confirmation by the State Senate. Regular terms of board members are seven years.

The chairperson, vice chairperson, and other officers of the Board of Regents are elected by the members of the board. The chancellor, who is not a member of the board, is the chief executive officer of the board and the chief administrative officer of the University System.

The overall programs and services of the University System are offered through three major components: instruction, public service and continuing education, and research.

Instruction consists of programs of study leading toward degrees, ranging from the associate (two-year) level to the doctoral level, and certificates.

Standards for admission of students to instructional programs at each institution are determined by the institution pursuant to policies of the Board of Regents. The board establishes minimum standards and leaves to each institution the prerogative to establish higher standards. Applications for admission should be addressed to the institutions.

Public service and continuing education consist of non-degree activities, primarily, and special types of college degree credit courses. The non-degree activities include short courses, seminars, conferences, and consultative and advisory services in many areas of interest. Typical college degree credit courses are those offered through extension center programs and teacher education consortia.

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

Additional information about the Board of Regents of the University System of Georgia, including a listing of Regents, senior staff and system institutions can be found at www.usg.edu.

Georgia State University Administration

Mark P. Becker, Ph.D., President

Risa I. Palm, Ph.D., Senior Vice President for Academic Affairs & Provost

Jerry J. Rackliffe, J.D., Senior Vice President for Finance and Administration

Douglass F. Covey, Ph.D., Vice President for Student Affairs

Donald A. Hale, B.S., Vice President for Public Relations and Marketing Communications

Walter T. Massey, Jr., B.S., Vice President for Development

Timothy M. Renick, Ph.D., Vice President for Enrollment Management and Student Success & Vice Provost

James A. Weyhenmeyer, Ph.D., Vice President for Research and Economic Development

Paul A. Alberto, Ph.D., Dean, College of Education

Larry S. Berman, Ph.D., Dean, Honors College

Michael P. Eriksen, Ph.D., Dean, School of Public Health

Wendy F. Hensel, J.D., Dean, College of Law

Nancy P. Kropf, Ph.D., Dean, Byrdine F. Lewis College of Nursing and Health Professions

Peter Lyons, Ph.D., Dean, Perimeter College & Vice Provost

Richard D. Phillips, Ph.D., Dean, J. Mack Robinson College of Business

Sara T. Rosen, Ph.D., Dean, College of Arts and Sciences

Jeff A. Steely, M.L.I.S., Dean, Libraries

Sally Wallace, Ph.D., Interim Dean, Andrew Young School of Policy Studies

Wade Weast, Ph.D., Dean, College of the Arts

Lisa P. Armistead, Ph.D., Associate Provost for Graduate Programs

Michael Galchinsky, Ph.D., Associate Provost for Institutional Effectiveness

Kavita K. Pandit, Ph.D., Associate Provost for Faculty Affairs

Wolfgang Schlor, Ph.D., Associate Provost for International Initiatives

Mary Beth Walker, Ph.D., Associate Provost for Strategic Initiatives

Kerry L. Heyward, J.D., University Attorney

Chip Hill, M.A., Assistant Provost for Administrative Operations

Brenda J. Chapman, Ph.D., Associate Vice President for Research Integrity

Darryl B. Holloman, Ph.D, Associate Vice President for Student Affairs & Dean of Students

Elizabeth R. Jones, Ph.D., Associate Vice President for Finance

Christina Million, M.S., Associate Vice President, Alumni Association

Dale J. Palmer, B.A., Associate Vice President for Finance and Operations, GSU Foundation

Joseph Spillane, M.S., Associate Vice President & Chief of Police

Ramesh Vakamudi, M.A., Associate Vice President for Facilities

Michael J. Worley, M.A., Associate Vice President for Central Development

Scott M. Burke, M.Ed., Assistant Vice President for Undergraduate Admissions

Allison Calhoun-Brown, Ph.D., Assistant Vice President for Student Retention

Linda J. Nelson, M.S., Assistant Vice President for Opportunity Development and Diversity Education Planning & Assistant Vice President for Human Resources

Bruce R. Spratt, B.S., C.P.A., Assistant Vice President for Finance & Comptroller

Andrea J. Thornton, B.S., Assistant Vice President for Communications

Charles G. Cobb, M.S.A., Director of Intercollegiate Athletics

Carol O. Cohen, M.S.Ed., Director of the University Advisement Center

Jill S. Lee-Barber, Ph.D., Director of Psychological and Health Services

Faculty

Andrew Young School of Policy Studies Faculty

Azuri, Maria Soledad, M.S. (Columbia University in the City of New York), Visiting Instructor of Social Work

Bahl, Roy W., Jr., Ph.D. (University of Kentucky), Dean and Regents' Professor Emeritus of Economics

Banzhaf, H. Spencer, Ph.D. (Duke University), Professor of Economics

Beck, Elizabeth L., Ph.D. (University of Pittsburgh), Professor of Social Work

Blackwell, Brenda Sims, Ph.D. (University of Oklahoma), Associate Professor of Criminal Justice and Criminology

Bourdeaux, Carolyn, Ph.D. (Syracuse University), Associate Professor of Public Management and Policy and Associate Director of the Fiscal Research Center

Brezina, Timothy J., Ph.D. (Emory University), Associate Professor of Criminal Justice and Criminology

Brooks, Fred P., III, Ph.D. (University of Georgia), Associate Professor of Social Work

Camp, Damon Davis, Ph.D. (Claremont Graduate University), Associate Professor Emeritus of Criminal

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Goulette, Elizabeth, Ph.D. (State University of New York, Buffalo) Lecturer, World Languages and Cultures

Goss, Desmond, Ph.D. (Georgia State University) Lecturer of Sociology

Gozem, Samer, Ph.D. (Bowling Green State University) Assistant Professor of Chemistry

Graham, George, Ph.D. (Brandeis University) Professor, Philosophy and Neuroscience

Grant, Kathryn, Ph.D. (Columbia University) Professor, Chemistry

Grindstaff, Davin, Ph.D. (Pennsylvania State University) Senior Lecturer, Communication

Grinshpon, Mark, Ph.D. (Virginia Polytechnic Institute and State University) Senior Lecturer, Mathematics and Statistics

Grober, Matthew, Ph.D. (University of California, Los Angeles) Associate Professor, Biology and Neuroscience

Grubbs, Larry, Ph.D. (University of South Carolina) Senior Lecturer, History

Grussendorf, Jeannie, Ph.D. (Bradford University, UK) Senior Lecturer, Political Science

Gu, Baotong, Ph.D. (Purdue University) Associate Professor, English

Guano, Emanuela, Ph.D. (University of Texas, Austin) Associate Professor, Anthropology

Gylys, Beth, Ph.D. (University of Cincinnati) Professor, English

Hall, Frank, Ph.D. (North Carolina State University) Professor, Mathematics and Statistics

Hall, Jennifer, Ph.D. (Georgia State University) Senior Academic Professional, English

Hall-Godsey, Angela, Ph.D. (Georgia State University) Senior Lecturer, English

Hamelberg, Donald, Ph.D. (Georgia State University) Professor, Chemistry

Hankins, Katherine, Ph.D. (University of Georgia) Associate Professor, Geosciences (Chair)

Hankla, Charles, Ph.D. (Emory University) Associate Professor, Political Science

Harden, Donald, M.S. (Georgia State University) Instructor, Mathematics and Statistics

Harden, Jeremiah, Ph.D. (University of Tennessee) Senior Lecturer, Chemistry

Harker, Michael, Ph.D. (Ohio State University) Associate Professor, English

Harrison, Robert, Ph.D. (Yale University) Professor, Computer Science and Biology

Hartley, Christie, Ph.D. (University of Michigan) Associate Professor, Philosophy

Hastings, Gary, Ph.D. (Imperial College of Science and Technology) Professor, Physics and Astronomy

Hastings, Laura, Ph.D. (Massachusetts Institute of Technology) Senior Lecturer of Political Science

He, Xiaochun, Ph.D. (University of Tennessee) Distinguished University Professor, Physics and Astronomy

Heath, R. Scott, Ph.D. (University of Michigan) Assistant Professor, English

Henary, Maged, Ph.D. (Georgia State University) Assistant Professor, Chemistry

Henrich, Christopher, Ph.D. (Yale University) Professor, Psychology

Henry, Louis, M.S. (University of Maryland) Instructor, Computer Science

Henry, Todd, Ph.D. (University of Arizona) Distinguished University Professor, Physics and Astronomy

Herb, Michael, Ph.D. (University of California, Los Angeles) Professor, Political Science

Herman, Jonathan, Ph.D. (Harvard University) Associate Professor, Religious Studies

Hidalgo, Paulo, Ph.D. (Michigan State University) Senior Lecturer, Geosciences

Hill, Rashon, Instructor, Military Science

Hilliard, Julia, Ph.D. (Baylor College of Medicine) Professor, Biology and Neuroscience (Georgia Research Alliance Eminent Scholar)

Hobson, Maurice, Ph.D. (University of Alabama) Assistant Professor, African-American Studies

Hocks, Mary, Ph.D. (University of Illinois, Urbana-Champaign) Associate Professor, English

Hoffner, Cynthia, Ph.D. (University of Wisconsin, Madison) Professor, Communication

Holman, John, Ph.D. (University of Southern Mississippi) Professor, English

Holmes, Ashley, Ph.D. (University of Arizona) Assistant Professor, English

Hopkins, William, Ph.D. (Georgia State University) Professor, Neuroscience

Horgan, John, Ph.D. (University College Cork, Ireland) Distinguished University Professor, Global Studies

Houghton, John, Ph.D. (Texas A&M University) Associate Professor, Biology

Howard, Robert, Ph.D. (State University of New York, Stony Brook) Professor, Political Science

Hu, Xiaoling, Ph.D. (University of Arizona) Associate Professor, Computer Science

Huang, Zhen, Ph.D. (Swiss Federal Institute of Technology, Switzerland) Professor, Chemistry

Huff, Robin, Ph.D. (Emory University) Senior Lecturer, World Languages and Cultures

Huhman, Kim, Ph.D. (University of Georgia) Distinguished University Professor, Neuroscience and Psychology

Ivanov, Ivaylo, Ph.D. (Scripps Research Institute) Associate Professor, Chemistry

Iyer, Suri, Ph.D. (Indiana University) Professor, Chemistry

Jacobson, Stephen, Ph.D. (University of Michigan, Ann Arbor) Senior Lecturer, Philosophy

Jefferies, Stuart, Ph.D. (University of London) Professor, Physics and Astronomy

Ji, Shihao, Ph.D. (Duke University) Associate Professor of Computer Science

Jiang, Chun, Ph.D. (Shanghai Brain Research Institute) Professor, Biology and Neuroscience

Jiang, Yi, Ph.D. (University of Notre Dame) Associate Professor, Mathematics and Statistics

Jiang, Jie, Ph.D. (Georgia State University) Lecturer, Chemistry

Johnson, Casonya, Ph.D. (Johns Hopkins University) Associate Professor, Biology

Joseph, Sheri, Ph.D. (University of Georgia) Professor, English

Judson, Robert, B.A. (University of Central Florida) Professor of Practice, Communication

Jurjevic, Andrea, M.F.A. (Georgia State University) Lecturer, English

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Kail, Benjamin, Ph.D. (Florida State University) Assistant Professor, Sociology

Kaur, Parjit, Ph.D. (Panjab University) Professor, Biology

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Kemp, Candace, Ph.D. (McMaster University) Associate Professor, Gerontology

Kennedy, Davon, Ph.D. (Emory University) Associate Professor, Chemistry

Kiage, Lawrence, Ph.D. (Louisiana State University) Associate Professor, Geosciences

Kim, Jung, Ph.D. (Georgia State University) Senior Lecturer, Sociology

Kim, YouJin, Ph.D. (Northern Arizona University) Associate Professor, Applied Linguistics and English as a Second Language

King, Tiffany, Ph.D. (University of Maryland, College Park) Assistant Professor, Women's, Gender, and Sexuality Studies

King, Tricia Zawacki, Ph.D. (University of Florida) Professor, Psychology and Neuroscience

Kleider-Offutt, Heather, Ph.D. (Arizona State University) Associate Professor, Psychology and Neuroscience

Kocela, Christopher, Ph.D. (McGill University) Associate Professor, English

Kossover, Herb. (Columbia University) Professor of Practice, Creative Media Industries

Kozaitis, Kathryn, Ph.D. (University of Michigan, Ann Arbor) Associate Professor, Anthropology (Chair)

Kozhanov, Alexander, Ph.D. (Moscow State University) Assistant Professor, Physics and Astronomy

Krache, Donna, M.Ed. (University of New Orleans) Lecturer, Communication

Kubala, Juliana, Ph.D. (Emory University) Senior Lecturer, Women's, Gender, and Sexuality Studies

Kuperminc, Gabriel, Ph.D. (University of Virginia) Professor, Psychology

Kuzio de Naray, Rachel, Ph.D. (University of Maryland) Assistant Professor, Physics and Astronomy

Laroui, Hamed, Ph.D. (University Henri Poincare of Nancy) Assistant Professor, Chemistry

Larsson, Margareta, M.S. (Georgia State University) Senior Lecturer, Applied Linguistics and English as a Second Language

Latzman, Robert, Ph.D. (University of Iowa) Associate Professor, Psychology

Lazarus, Jeffrey, Ph.D. (University of California, San Diego) Associate Professor, Political Science

Le Calvez, Eric, Ph.D. (University of Paris, III) Professor, World Languages and Cultures

LeCroix, Brian, Ph.D. (University of Tennessee, Knoxville) Lecturer, Chemistry

Lee, Hakyoon, Ph.D. (University of Hawai'i, M⍰noa) Lecturer, World Languages and Cultures

Lemieux, Anthony, Ph.D. (University of Connecticut) Professor, Global Studies (Director) and Communication

Lepine, Sebastien, Ph.D. (University of Montreal) Associate Professor, Physics and Astronomy

Li, Shuai, Ph.D. (Carnegie Mellon University) Associate Professor, World Languages and Cultures

Li, Yingshu, Ph.D. (University of Minnesota, Twin Cities) Associate Professor, Computer Science

Li, Zhongshan, Ph.D. (North Carolina State University) Professor, Mathematics and Statistics

Li, Wei, Ph.D. (George Washington University) Assistant Professor, Computer Science

Light, Sharee, Ph.D. (University of Wisconsin, Madison) Assistant Professor, Psychology

Lightsey, Scott, Ph.D. (University of Delaware) Associate Professor, English

Lim, Jae Hyang, Ph.D. (Chonnam National University) Assistant Professor, Biology

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Lindsay, Peter, Ph.D. (University of Toronto) Associate Professor, Political Science and Philosophy

Lisby, Gregory, Ph.D. (University of Tennessee, Knoxville) Professor, Communication (Chair)

Liu, Yuan, Ph.D. (University of South Alabama) Professor, Biology

Liu, Zhi-Ren, Ph.D. (Florida State University) Distinguished University Professor, Biology

Liu, Hui, Ph.D. (Georgia State University) Academic Professional, Mathematics and Statistics

Livingston, Arletha, Ph.D. (Temple University) Assistant Professor, African-American Studies

Llorente, Raul, Ph.D. (Universidad de Valladolid) Senior Lecturer, World Languages and Cultures

Locke, Douglas, B.A. (The Citadel) Assistant Professor, Military Science

Long, William, Ph.D.; J.D. (Columbia University; Georgetown University) Professor, Political Science

Long, Yuan, Ph.D. (Georgia State University) Lecturer, Computer Science

Lopez, Elizabeth, Ph.D. (Purdue University) Associate Professor, English

Lou, Ming, Ph.D. (Purdue University) Professor, Chemistry

Maamoun, Eman, M.A. (Clark Atlanta University) Instructor, World Languages and Cultures

Mabb, Angela, Ph.D. (University of Wisconsin, Madison) Assistant Professor, Neuroscience

Malamud, Randy, Ph.D. (Columbia University) Regents' Professor, English

Manandhar, Kebina, Ph.D. (Georgia State University) Lecturer, Computer Science

Mani, Ramesh, Ph.D. (University of Maryland) Professor, Physics and Astronomy

Manning, Carrie, Ph.D. (University of California, Berkeley) Professor, Political Science

Manson, Steven Trent, Ph.D. (Columbia University) Regents' Professor, Physics and Astronomy

Mariani, Victoria, Ph.D. (Georgia Institute of Technology) Senior Lecturer, Chemistry

Marsh, Leslie, Ph.D. (University of Michigan) Associate Professor, World Languages and Cultures

Marshall, Amani, Ph.D. (Indiana University) Lecturer, History

Marshall, Daniel, M.F.A. (Georgia State University) Senior Lecturer, English

Martens, Petrus, Ph.D. (Universiteit Utrecht) Professor, Physics and Astronomy

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Maxwell, Robert, Ph.D. (Georgia State University) Senior Academic Professional, Biology

Mazzotta, Mizuki, M.A. (McGill University) Instructor, World Languages and Cultures

McClymond, Kathryn, Ph.D. (University of California, Santa Barbara) Professor, Religious Studies (Associate Dean for Faculty Development)

McCoy, Jennifer, Ph.D. (University of Minnesota) Professor, Political Science and Global Studies

McGimsey, Ben, Ph.D. (University of Florida) Senior Lecturer, Physics and Astronomy

McHaney, Pearl, Ph.D. (Georgia State University) Professor, English (Kenneth M. England Professor of Southern Literature)

McKee, Laura, Ph.D. (University of Vermont) Assistant Professor, Psychology

McLeod, Melissa, Ph.D. (Georgia State University) Senior Lecturer, English

McMillian, John, Ph.D. (Columbia University) Associate Professor, History

Meadows, Leslie, Ph.D. (Georgia State University) Academic Professional, Mathematics and Statistics

Meadows, Leslie, Ph.D. (Georgia State University) Lecturer, Mathematics and Statistics

Metcalfe, Doug, M.B.A. (DeVry University) Professor of Practice, Communication

Meyer, Brian, Ph.D. (Georgia State University) Lecturer, Geosciences

Meyers, Marian, Ph.D. (University of Iowa) Professor, Communication

Miller, Ben, Ph.D. (Emory University) Assistant Professor, English and Communication

Miller, Valerie, Ph.D. (University of South Carolina) Associate Professor, Mathematics and Statistics

Milligan, Richard, Ph.D. (University of Georgia) Assistant Professor, Geosciences

Min, Xiaoyi, Ph.D. (University of Missouri) Assistant Professor, Mathematics and Statistics

Min, Xiaoyi, Ph.D. (University of Missouri, Columbia) Assistant Professor, Mathematics and Statistics

Mingo, Chivon, Ph.D. (University of South Florida) Assistant Professor, Gerontology

Molkov, Yaroslav, Ph.D. (Russian Academy of Sciences) Associate Professor, Mathematics and Statistics

Montiel, Mariana, Ph.D. (University of New Hampshire) Associate Professor, Mathematics and Statistics

Moore, Gregory, Ph.D. (University of Cambridge) Associate Professor, History and Philosophy

Mooring, Suazette, Ph.D. (Georgia State University) Assistant Professor, Chemistry

Moreno, Oscar, Ph.D. (University of Southern California) Senior Lecturer, World Languages and Cultures

Morgan, Jennifer, Ph.D. (University of North Carolina, Chapel Hill) Assistant Professor, Gerontology

Morris, Jamae, Ph.D. (University of South Florida) Assistant Professor, African-American Studies

Morris, Robert, Ph.D. (University of Florida) Regents' Professor, Psychology and Educational Psychology and Special Education

Morris, Vangelia, Ph.D. (Georgia State University) Lecturer, Communication

Moultrie, Monique, Ph.D. (Vanderbilt University) Assistant Professor, Religious Studies

Murphy, Anne, Ph.D. (University of Cincinnati) Associate Professor, Neuroscience and Biology

Murphy, John, Ed.D. (Columbia University) Professor, Applied Linguistics and English as a Second Language

Mussa, Awad, Ph.D. (Colorado State University) Lecturer, Computer Science

Mutanyatta-Comar, Joan, Ph.D. (University of Botswana; University of Wurzburg) Senior Lecturer, Chemistry

Nadri, Ghulam, Ph.D. (Leiden University) Associate Professor, History

Nahmias, Edward, Ph.D. (Duke University) Professor, Philosophy and Neuroscience

Naim, S. Rashid, Ph.D. (University of Illinois, Urbana-Champaign) Principal Senior Lecturer, Political Science

Navarro-Eisenstein, Angela, Ph.D. (Georgia State University) Senior Lecturer, Chemistry

Nichols, William, Ph.D. (Michigan State University) Associate Professor, World Languages and Cultures (Chair)

Nijman, Jan, Ph.D. (University of Colorado, Boulder) Distinguished University Professor, Geosciences

Noble, Mark, Ph.D. (Johns Hopkins University) Associate Professor, English

Nogueira, Ricardo, Ph.D. (Louisiana State University) Senior Lecturer, Geosciences

Normandin, Joseph, Ph.D. (Georgia State University) Lecturer, Neuroscience

Norton, Laurah, M.F.A. (Georgia State University) Senior Lecturer, English

Nusnbaum, Matthew, Ph.D. (Georgia State University) Senior Lecturer, Biology

O'Keefe, Timothy, Ph.D. (University of Texas, Austin) Associate Professor, Philosophy

Oakley, Deirdre, Ph.D. (University at Albany, State University of New York) Professor, Sociology

Oommen, Kavita, Ph.D. (Baylor College of Medicine) Senior Lecturer, Biology

Osan, Remus, Ph.D. (University of Pittsburgh) Assistant Professor, Mathematics and Statistics

Özçaliskan, Seyda, Ph.D. (University of California, Berkeley) Associate Professor, Psychology

Packwood Freeman, Carrie, Ph.D. (University of Oregon) Associate Professor, Communication

Pallas, Sarah, Ph.D. (Cornell University) Professor, Neuroscience and Biology

Palm, Risa, Ph.D. (University of Minnesota) Professor, Geosciences (Senior Vice President for Academic

Affairs and Provost)

Pan, Yi, Ph.D. (University of Pittsburgh) Distinguished University Professor, Computer Science (Chair)

Pandit, Kavita, Ph.D. (Ohio State University) Professor, Geosciences (Associate Provost for Faculty Affairs)

Pangle, Luke, Ph.D. (Oregon State University) Assistant Professor, Geosciences

Papavasiliou, Faidra, Ph.D. (Emory University) Senior Lecturer, Anthropology

Parent, Marise, Ph.D. (University of California, Irvine) Professor, Neuroscience and Psychology

Parilla, Jessica, Ph.D. (University of Florida) Senior Lecturer, Biology

Parks, Samantha, Ph.D. (Georgia Institute of Technology) Senior Lecturer, Biology

Parrott, Dominic, Ph.D. (University of Georgia) Professor, Psychology

Pasciuti, Daniel, Ph.D. (Johns Hopkins University) Assistant Professor, Sociology

Pascoe, Keith, Ph.D. (University of West Indies, Jamaica) Principal Senior Lecturer, Chemistry

Patico, Jennifer, Ph.D. (New York University) Associate Professor, Anthropology

Patonay, Gabor, Ph.D. (Technical University of Budapest) Professor, Chemistry

Pattillo, Linda, M.S. (Columbia University) Lecturer, Communication

Perera, Unil, Ph.D. (University of Pittsburgh) Regents' Professor, Physics and Astronomy and Neuroscience

Perry, Joseph, Ph.D. (University of Illinois) Associate Professor, History

Petrulis, Aras, Ph.D. (Cornell University) Associate Professor, Neuroscience and Psychology

Pierce, George, Ph.D. (Rensselaer Polytechnic Institute) Professor, Biology

Pimentel-Alarcón, Daniel, Ph.D. (University of Wisconsin, Madison) Assistant Professor of Computer Science

Poley, Jared, Ph.D. (University of California, Los Angeles) Professor, History

Poole, Therese, Ph.D. (University of Wisconsin, Madison) Senior Lecturer, Biology

Poon, Gregory, Ph.D. (University of Toronto) Associate Professor, Chemistry

Powers, Shawn, Ph.D. (University of Southern California) Associate Professor, Communication

Prasad, Sushil, Ph.D. (University of Central Florida) Professor, Computer Science and Neuroscience

Pratt, Jane, Ph.D. (University of Texas, Austin) Assistant Professor of Physics and Astronomy

Presley, Cora, Ph.D. (Stanford University) Associate Professor, African-American Studies

Pullman, George, Ph.D. (Rensselaer Polytechnic Institute) Professor, English

Qi, Xin, Ph.D. (University of Wisconsin, Madison) Assistant Professor, Mathematics and Statistics

Qin, Gengsheng, Ph.D. (Hong Kong University of Science and Technology) Professor, Mathematics and Statistics

Rajiva, Jay, Ph.D. (University of Toronto) Assistant Professor, English

Ramzy, Rasha, Ph.D. (Georgia State University) Senior Lecturer, Communication

Rand, Sebastian, Ph.D. (Northwestern University) Associate Professor, Philosophy

Rashid, Fontina, Ph.D. (Georgia State University) Academic Professional, Psychology

Ray, Gigi, Ph.D. (Princeton University) Principal Senior Lecturer, Chemistry

Reati, Fernando, Ph.D. (Washington University, St. Louis) Professor, World Languages and Cultures

Rehder, Vincent, Ph.D. (Free University, Berlin) Professor, Biology and Neuroscience

Reid-Mooring, Ph.D. (Georgia State University) Assistant Professor, Chemistry

Reimann, Kim, Ph.D. (Harvard University) Associate Professor, Political Science

Reitzes, Donald, Ph.D. (Indiana University) Professor, Sociology

Renick, Timothy, Ph.D. (Princeton University) Professor, Religious Studies (Vice President for Enrollment Management and Student Success and Vice Provost)

Repnikova, Maria, Ph.D. (University of Oxford) Assistant Professor, Communication

Restivo, Angelo, Ph.D. (University of Southern California) Associate Professor, Communication

Reynolds, Douglas, Ph.D. (Columbia University) Professor, History

Richardson, LeeAnne, Ph.D. (Indiana University) Associate Professor, English

Richey, Sean, Ph.D. (City University of New York) Associate Professor, Political Science

Richtarik, Marilynn, D.Phil. (Oxford University) Professor, English

Rizzo, Rebecca, Ph.D. (Florida Institute of Technology) Senior Lecturer, Mathematics and Statistics

Robbins, Chandan, Ph.D. (Georgia State University) Academic Professional, Biology

Rodgers, Edmund, Ph.D. (Georgia State University) Lecturer, Biology

Rodrigo, Victoria, Ph.D. (University of Southern California) Associate Professor, World Languages and Cultures

Rodrigues, Luciana, Ph.D. (State University of Campinas) Lecturer, Communication

Römer-Weyhofen, Ute, Ph.D. (Leibniz University Hanover) Associate Professor, Applied Linguistics and English as a Second Language

Rolinson, Mary, Ph.D. (Georgia State University) Senior Lecturer, History

Romski, Mary Ann, Ph.D. (University of Kansas, Lawrence) Regents' Professor, Communication; Psychology; and Educational Psychology, Special Education & Communication Disorders

Roseberry, Aaron, Ph.D. (Northwestern University) Assistant Professor, Biology

Rosen, Sara, Ph.D. (Brandeis University) Professor, Applied Linguistics and English as a Second Language (Dean, College of Arts and Sciences)

Roudané, Matthew, Ph.D. (University of Oregon) Regents' Professor, English

Rozier, Kelvin, Ph.D. (Georgia State University) Lecturer of Mathematics and Statistics

Ruel, Erin, Ph.D. (University of Illinois, Chicago) Professor, Sociology

Ruprecht, Louis, Ph.D. (Emory University) Professor, Anthropology (William M. Suttles Chair in Religious Studies)

Russell, Tillman, Ph.D. (Purdue University) Assistant Professor, Communication

Russell, Joshua, M.F.A. (Louisiana State University) Professor, English

Ryan, Maura, Ph.D. (University of Florida) Senior Lecturer, Sociology

Sarkar, Sutandra, M.S. (Georgia Institute of Technology) Senior Academic Professional, Mathematics and Statistics

Sarsour, Murad, Ph.D. (University of Houston) Associate Professor, Physics and Astronomy

Scarantino, Andrea, Ph.D. (University of Pittsburgh) Professor, Philosophy and Neuroscience

Schatteman, Renée, Ph.D. (University of Massachusetts) Associate Professor, English

Schiffer, Sheldon, M.F.A. (University of California, Los Angeles) Professor, Creative Media Industries

Schlig, Carmen, Ph.D. (University of Texas, Austin) Associate Professor, World Languages and Cultures

Schmidt, Paul, Ph.D. (University of Minnesota) Associate Professor, English

Schmidt, Manfred, Academic Professional, Neuroscience

Schorpp, Susanne, Ph.D. (University of South Carolina) Assistant Professor, Political Science

Sehat, David, Ph.D. (University of North Carolina, Chapel Hill) Associate Professor, History

Selwood, Jacob, Ph.D. (Duke University) Associate Professor, History

Sevcik, Rose, Ph.D. (Georgia State University) Regents' Professor, Psychology

Sexton, Megan, Ph.D. (Georgia State University) Academic Professional, English

Shamsi, Shahab, Ph.D. (Miami University) Professor, Chemistry

Sharratt, Nicola, Ph.D. (University of Illinois-Chicago) Assistant Professor, Anthropology

Shi, Hang, Ph.D. (University of Tennessee) Assistant Professor, Biology

Shilnikov, Andrey, Ph.D. (Nizhny Novgorod State University, Russia) Professor, Neuroscience and Mathematics and Statistics

Shreckengost, Jacob, Ph.D. (Emory University) Lecturer, Neuroscience

Simonds, Wendy, Ph.D. (City University of New York) Professor, Sociology

Sinnott, Megan, Ph.D. (University of Wisconsin, Madison) Associate Professor, Women's, Gender, and Sexuality Studies

Sitvarin, Michael, Ph.D. (Miami University) Lecturer, Biology

Skums, Pavel, Ph.D. (Belarus State University) Assistant Professor, Computer Science

Smalls-Glover, Ciara, Ph.D. (University of Michigan) Associate Professor, Psychology

Smirnova, Alexandra, Ph.D. (Kansas State University) Professor, Mathematics and Statistics

Smith, David, Ph.D. (University of Pennsylvania) Professor, Psychology

Smolinski, Reiner, Ph.D. (Pennsylvania State University) Professor, English

Snell, Debra, M.S. (Georgia State University) Senior Lecturer, Applied Linguistics and English as a Second Language

Snow, Malinda, Ph.D. (Duke University) Associate Professor, English

Song, Chi-Sun, Ph.D. (Georgia State University) Senior Lecturer, Biology

Spring, Amy, M.A. (University of Washington) Assistant Professor, Sociology

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Steffen, Charles, Ph.D. (Northwestern University) Professor, History

Steigerwalt, Amy, Ph.D. (University of California, Berkeley) Associate Professor, Political Science

Stern, Javier, Ph.D. (University of Buenos Aires) Professor, Neuroscience

Stewart, Faye, Ph.D. (Indiana University) Associate Professor, World Languages and Cultures

Stewart, Michael, Ph.D. (University of Illinois) Associate Professor, Mathematics and Statistics

Stewart, Faye, Ph.D. (Indiana University) Assistant Professor, World Languages and Cultures

Stockman, Mark, D.Sc. (Institute of Automation and Electrometry of the Russian Academy of Sciences) Distinguished University Professor, Physics and Astronomy

Stombler, Mindy, Ph.D. (Florida State University) Principal Senior Lecturer, Sociology

Stroev, Mikhail, Ph.D. (Georgia State University) Academic Professional, Mathematics and Statistics

Stroeva, Elina, Ph.D. (Moscow Chemical Technological Institute, Russia) Lecturer, Chemistry

Subotic, Jelena, Ph.D. (University of Wisconsin) Associate Professor, Political Science

Suchke, Dara, M.A. (Georgia State University) Lecturer, Applied Linguistics and English as a Second Language

Sunderraman, Rajshekhar, Ph.D. (Iowa State University) Professor, Computer Science and Neuroscience

Swanson, Peter, Ph.D. (University of Wyoming) Professor, World Languages and Cultures

Sylvester, Jonathan, Ph.D. (Georgia Institute of Technology) Lecturer, Biology

Talburt, Susan, Ph.D. (Vanderbilt University) Professor, Women's, Gender, and Sexuality Studies (Director)

Thomas, Calvin, Ph.D. (University of Wisconsin, Milwaukee) Professor, English

Thoms, Brian, Ph.D. (Cornell University) Associate Professor, Physics and Astronomy

Thornton, Judd, Ph.D. (Michigan State University) Assistant Professor, Political Science

Thota, Jyotsna, Ph.D. (University of Connecticut) Senior Lecturer, Chemistry

Tighe, Elizabeth, Ph.D. (Florida State University) Assistant Professor, Psychology

Tone, Erin McClure, Ph.D. (Emory University) Associate Professor, Psychology and Neuroscience

Torres, Germán, Ph.D. (University of Georgia) Associate Professor, World Languages and Cultures

Trask, Jeffrey, Ph.D. (Columbia University) Assistant Professor, History

Tullos, J. Kyle, Ph.D. (University of Georgia) Lecturer, Philosophy

Tully, Erin, Ph.D. (Emory University) Associate Professor, Psychology

Turner, Jessica, Ph.D. (University of California, Irvine) Associate Professor, Psychology

Turner-Livermore, Bethany, Ph.D. (Emory University) Associate Professor, Anthropology

Tusher, Chantal Positer, Ph.D. (Georgia State University) Senior Lecturer, Psychology

Ulrich, Paul, Ph.D. (University of Delaware) Senior Lecturer, Biology

Umoja, Akinyele, Ph.D. (Emory University) Professor, African-American Studies (Chair)

Van der Holst, Hendricus, Ph.D. (University of Amsterdam) Associate Professor, Mathematics and Statistics

Van Leeuwen, Neil, Ph.D. (Stanford University) Associate Professor, Philosophy and Neuroscience

Vasquez, Pedro, Ph.D. (Emory University) Senior Academic Professional, Chemistry

Venet, Wendy, Ph.D. (University of Illinois) Professor, History

Vidakovic, Draga, Ph.D. (Purdue University) Professor, Mathematics and Statistics

Visaggi, Christy, Ph.D. (North Carolina, Wilmington) Senior Lecturer, Geosciences

von Korff, Joshua, Ph.D. (University of California, Berkley) Assistant Professor, Physics and Astronomy

Voss, Paul, Ph.D. (University of California, Riverside) Associate Professor, English

Walthall, W. William, Ph.D. (State University of New York, Albany) Associate Professor, Biology and Neuroscience

Wang, Binghe, Ph.D. (University of Kansas) Regents' Professor, Chemistry (Associate Dean for Research and Graduate Studies; Georgia Research Alliance Eminent Scholar)

Wang, Danzhu, Ph.D. (Georgia State University) Lecturer, Chemistry

Wang, Gangli, Ph.D. (University of North Carolina, Chapel Hill) Associate Professor, Chemistry and Neuroscience

Wang, George Peng, Ph.D. (University of California, Berkeley) Professor, Chemistry (Chair; Georgia Research Alliance Eminent Scholar)

Wang, Ruili, Ph.D. (Georgia State University) Senior Lecturer, Physics and Astronomy

Washburn, David, Ph.D. (Georgia State University) Professor, Psychology and Neuroscience

Way, John, Ph.D. (Yale University) Assistant Professor, History

Weber, Irene, Ph.D. (Oxford University) Regents' Professor, Biology, Chemistry, and Neuroscience

Wedeman, Andrew, Ph.D. (University of California, Los Angeles) Professor, Political Science

Weeks, Michael, Ph.D. (University of Southwestern Louisiana) Associate Professor, Computer Science and Neuroscience

Weiskopf, Daniel, Ph.D. (Washington University) Associate Professor, Philosophy and Neuroscience

West, Elizabeth, Ph.D. (Emory University) Professor, English

Weyermann, Andrea, Ph.D. (Georgia State University) Senior Lecturer, Psychology

Weyhenmeyer, James, Ph.D. (Indiana University) Professor, Neuroscience (Vice President for Research and Economic Development)

Wharton, Robin, Ph.D. (University of Georgia) Lecturer, English

Whisenhunt, Benjamin, B.A. (Savannah College of Art and Design, Atlanta) Professor of Practice, Communication

White, Cassandra, Ph.D. (Tulane University) Associate Professor, Anthropology

White, Russell, Ph.D. (University of California, Los Angeles) Associate Professor, Physics and Astronomy

Wilczynski, Walter, Ph.D. (University of Michigan, Ann Arbor) Professor, Neuroscience

Wilding, Nick, Ph.D. (European University Institute, Fiesole, Italy) Associate Professor, History

Wilkin, Holley, Ph.D. (University of Southern California) Associate Professor, Communication

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