

UNIVERSITY OF WEST GEORGIA



2008-2009
Undergraduate
Catalog

The statements set forth in this catalog are for informational purposes only and should not be construed as the basis of a contract between a student and the institution.

Inquiries concerning requests for application forms and other material should be addressed to Director of Admissions, University of West Georgia, Carrollton, Georgia 30118-4400, or by calling 678-839-4000.

Student Responsibility

While every effort will be made to ensure accuracy of the material stated herein, (the Institution) reserves the right to change any provision listed in this catalog, including but not limited to academic requirements for graduation and availability of courses and programs of study without actual notice to individual students. Every effort will be made to keep students advised of such changes.

Information regarding academic requirements for graduation will be available in the offices of the Registrar and Deans of major schools and colleges. It is the responsibility of each student to keep himself or herself apprised of current graduation requirements for a degree program in which he or she is enrolled.

In the event that an administrative hearing officer or a court of record determines that "publications" issued by the college create a contractual or quasicontractual relationship with any person, the amount of damages recoverable by the parties shall be limited to the amount of consideration paid by the person for the privilege of admission, enrollment, continued enrollment, or other service rendered by the institution to such person. As used herein, the term "publications" (without limiting the generality of the normal meaning of the term) shall be deemed to include any and all written forms or other documents issued by the institution concerning applications for admission, enrollment or continued enrollment, waivers of liability, consents to medical treatment, dormitory occupancy, and any and all other written forms, documents, letters or other materials issued by the college in furtherance of its educational mission.

Compliance

This institution is in compliance with Title VII of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, as amended, Title II of the Americans with Disabilities Act of 1990, and other applicable laws and does not discriminate on the basis of race, color, national origin, creed, religion, sex, age, or disability.

Inquiries concerning compliance should be addressed to the Affirmative Action Officer, Human Resources, or call 678-839-6403.

Privacy of Information Act

Under the Provisions of the Family Educational Rights and Privacy Act of 1974, each West Georgia student (past or present) has the right of access to all educational information and data maintained on him/her by the institution.

Undergraduate Catalog
2008-2009

UNIVERSITY
OF
WEST GEORGIA
The University System of Georgia

www.westga.edu

Carrollton, Georgia
(USPS 368-730)

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With
Announcements For 2008-2009

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How to Find Information Related to Academic Programs and Courses

This catalog includes directional tools customarily included in such publications. The **Table of Contents** (see page 3), the **Glossary** (see page 8), the **Index to Course Listings** (see page 507), the general **Index** (see page 508), and the **Index of Abbreviations** (inside back cover) are all essential tools for anyone using the catalog. By turning to these sections, readers can find information related to the structure, policies, and procedures that govern the University's operations as well as information about programs the University offers. This section supplements those listed above by providing directions in finding and interpreting information related to academic programs, academic departments, and courses.

Colleges

Chapter X, Academic Programs and Units of Instruction, organizes information on programs within each of the three major academic divisions of the University: The College of Arts and Sciences, the Richards College of Business, and the College of Education. Information relevant to each college, the dean, the web address, general information, and specific requirements and options for the college, are included in an introductory section.

Departments

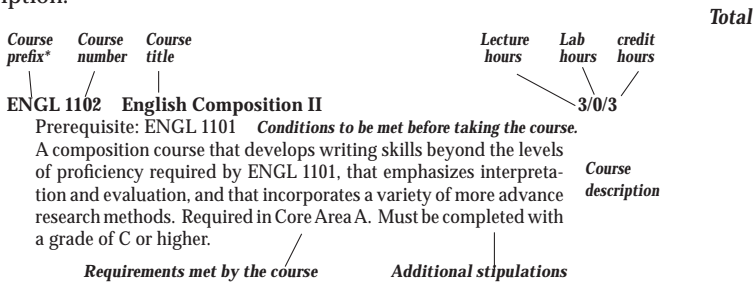
All academic departments are listed in the general **Index** that begins on page 508. Information about each academic department is arranged alphabetically for each college. This information includes, in order, the department Web address, the department faculty, descriptions of programs and program requirements, including majors, minors, and special tracks, and, finally, a list of courses offered by the department with a description for each course.

Programs

All academic programs of study are listed in the general **Index** that begins on page 508. The page numbers listed after each direct readers to the description of the program within the information for the department that offers it (in some cases more than one department collaborates to offer a program, so multiple page numbers are given).

Courses

Though all the course descriptions in the catalog follow the same basic pattern, a number of variables determine the specific information contained in each. The following example contains labels to illustrate how to read a course description:



*A complete list of course prefixes and the programs they refer to can be found

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2008-2009

UNIVERSITY CALENDAR

FALL SEMESTER, 2008

June 1	Undergraduate application and document deadline
July 18	Graduate School application deadline for Fall 2008
August 4	Fall Contract Begin Date for Faculty
August 6-7	New Faculty Orientation
August 8-12	Department and College faculty meetings (various times)
August 13	Fall General Faculty Meeting
August 14	New student registration
August 15	Classes begin
August 15-21	Drop/add and late registration
August 30	No Saturday Classes
September 1	Labor Day (no classes, offices closed)
September 5	Graduation Application Deadline for Spring 2009
October 8	Last day to withdraw with grade of W
October 9-10	Fall break (no classes, offices open)
October 11	No Saturday Classes
November 15	Undergraduate application and document deadline for Spring 2009
November 21	Graduate School application deadline for Spring 2009
November 25	All classes meet, except T only classes
November 26-29	Thanksgiving Recess (no classes)
November 27-28	Holiday (offices closed)
December 1	Last Day of M only classes
December 2	Last Day of T only classes
December 3	Last Day of MW classes & W only
December 4	Last Day of T Th classes & Th only
December 5	Last day of MWF classes
December 6	Examinations, Saturday Classes
December 8-12	Examinations
December 13	Graduation – Saturday (exact times and order of colleges TBD)
December 15	Grades due by 8:30 am
December 17-Jan. 8	Winter Break
December 24-Jan. 1	Offices closed

SPRING SEMESTER, 2009

November 15	Undergraduate application and document deadline for Spring 2009
November 21	Graduate School application deadline for Spring 2009
January 6	New Student Registration
January 7	Classes begin
January 7-13	Drop/add and late registration
January 17	No Saturday classes
January 19	Martin Luther King Holiday (offices closed, no classes)
January 30	Graduation Application Deadline for Summer 2009
March 2	Last day to withdraw with grade of W
March 16-21	Spring Break (no classes)
March 21	No Saturday Classes
April 1	Honors Convocation (classes cancelled 1:00-4:00 p.m.)
April 22	Last Day of W only classes
April 23	Last Day of Th only classes
April 27	Last Day of M only classes
April 28	Last Day of T Th & T only classes
April 29	Last Day of MW & MWF classes
April 30	Reading Day
April 30	Spring General Faculty Meeting
May 1-7	Examinations
May 2	Saturday Exams
May 9	Graduation – Saturday (exact times and order of colleges TBD)
May 11	Graduate School application deadline for Summer 2009
May 11	Grades Due by 8:30 am
May 15	Undergraduate application and document deadline for Summer 2009

SUMMER SEMESTER, 2009

SESSION I (11 days)

May 15	Undergraduate application and document deadline for Summer 2009
May 18	Classes begin

May 18	Drop/add and late registration
May 25	Holiday, no classes (offices closed)
May 26	Last day to withdraw with grade of W
June 2	Last day of classes
June 3	Reading Day
June 4	Examinations

SESSION II (36 days)

May 15	Undergraduate Application and document deadline
June 5	New student registration
June 8	Classes begin
June 8-9	Drop/add and late registration
June 26	Graduation Application Deadline for Fall 2009
July 1	Last day to withdraw with grade of W
July 3	Independence Day Holiday (no classes, offices closed)
July 28	Last day of class
July 29	Reading Day
July 30-31	Examinations
August 1	Graduation – Saturday (time TBD)

SESSION III (17 days)

June 8	Classes begin
June 8-9	Drop/add and late registration
June 18	Last day to withdraw with grade of W
June 30	Last day of class
July 1	Reading Day
July 2	Examinations

SESSION IV (17 days)

July 6	Classes begin
July 6	Drop/add and late registration
July 16	Last day to withdraw with grade of W
July 28	Last day of class
July 29	Reading Day
July 30	Examinations
August 1	Graduation – Saturday (time TBD)

GLOSSARY

Academic Advisor – A faculty or staff member assigned to help students select courses and plan programs.

Academic Dismissal – Dismissal from the University or a program for not maintaining the required grade point average (GPA) or for not completing the required number of credits.

Advanced Placement – Eligibility to enroll in courses beyond the entry level through transfer credit or examination.

Associate Degree – A degree granted after completing at least two years of full-time academic study beyond the completion of high school and fulfillment of graduation requirements.

Auditing – Registering for and attending class(es) regularly without being held responsible for the work required for credit. (No credit hours are earned and full tuition must be paid. The grade “V” appears on the record.)

Baccalaureate Degree – A degree granted after completion of at least four years of full-time academic study beyond the completion of high school and fulfillment of graduation requirements.

Classification – A term based on the number of credit hours earned to classify a student at the freshman, sophomore, junior, or senior level.

Concentration – A designated group of courses within a major program.

Core Curriculum – Sixty semester hours of credit comprising the four major areas of humanities, sciences and mathematics, social sciences, and courses related to the major.

Continuing Education Unit – Recognition for participation in a non-credit program or workshop.

Credit/No Credit – A method used to evaluate performance in courses which is separate from the grade point system. (The grade “S” or “U” appears on the record.)

Credit By Examination – Credit granted upon the successful completion of a standardized test such as the examinations offered by the College Level Examination Program (CLEP). (The grade “K” appears on the record.)

Credit Hour – A unit of academic credit measured in semester hours or quarter hours. One credit hour usually represents one hour of class time per week.

Credit Load – The total number of credits for which a student registers during a given semester.

Deadline – The date by which certain information must be received by any given office or unit. (Current deadline dates are printed in the catalog and course schedule.)

Dean’s List – An announcement at the end of each semester listing students who have achieved a specified grade point average.

Degree Requirement – A specifically identified course or examination which must be satisfied in order to become a candidate for a degree. (West Georgia has both general University and specific program requirements.)

Drop and Add – The process of making certain changes (dropping and adding classes) in a student's schedule of courses during the first three class days of the semester. Adding courses is possible only in this three day period. (See the course schedule for specific dates.)

Elective – An elective is a course elected from several. It implies options and choice; however, it should be stressed that physical education and recreation **activity electives** will not count as general **academic electives**. Also, programs require a certain number of hours to be upper-division and some lower-division. The term **elective** can refer to either of those; therefore, every use of the term elective is not the same.

Fees – The expenses payable by the student to the University in order to be officially enrolled. Examples of such fees include the application fee, matriculation fee, and activity fees.

Full-time Student – A student enrolled for a minimum of 12 credit hours each semester. The normal full-time course load is 15 credit hours per semester.

GPA – The term simply means Grade Point Average; however, all GPA's are not the same. In fact, there are several different uses and methods for calculating GPA. Below are listed some of the most common.

GPA adjusted versus unadjusted – An unadjusted GPA means that the result is an arithmetical average of the grades of all courses attempted at a given institution; whereas, an adjusted GPA refers to the average being altered by deletions of certain grades that were either repeated or eliminated.

Transfer GPA – This refers to the average of all courses attempted at all other post-secondary institutions from which West Georgia normally accepts credit.

Institutional GPA – This is the average of all grades for courses attempted at West Georgia with adjustments for repeated courses according to the policies in place when the course was initially attempted.

Overall GPA – This term simply means the combined average of the Transfer GPA (if applicable) and the Institutional GPA.

Graduation GPA – The GPA used to determine eligibility for graduation is the average of all grades for all courses attempted at West Georgia adjusted by any graduation forgiveness policies in place in the catalog used to determine degree requirements.

Honors Graduation GPA – The Overall GPA (minus any forgiveness or repeat policy adjustments) is used to determine eligibility for graduation with honors.

HOPE GPA – This is the average of all college-level work attempted after high school graduation, including any remedial work.

Georgia Residency Requirements – The requirements for identifying or establishing permanent residency in the state of Georgia for the assessment of matriculation fees.

Good Standing – A designation that signifies a student is eligible to continue, to return, or to transfer elsewhere. It implies good academic standing. A student in good academic standing must have a 2.0 cumulative GPA or the required GPA for the number of hours attempted.

Grade Point – The numerical value given to letter grades. An “A” is equivalent to 4 points per semester hour, a “B” to 3 points, a “C” to 2 points, a “D” to 1 point, and an “F” to 0 points.

Grant – Financial assistance awarded to students which does not have to be repaid, usually based on need.

High School Joint Enrollment Program – A program which makes available to qualified high school students West Georgia courses for full academic credit.

Honors – Designations indicated on the university degree and transcript to reflect outstanding scholarship.

Incomplete – The grade “I” sometimes granted when a student is temporarily unable to complete course requirements because of unusual circumstances.

Independent Study – A course of study undertaken by a student under the supervision of one or more faculty members outside the classroom.

Internship – Work in a firm or agency related to a student’s major program and/or career plans. An internship involves earning college credit and may involve receiving payment.

Loan – Financial assistance to students which must be repaid. Low interest loans are available, and financial need may or may not be a factor.

Major – A concentration of related courses generally consisting of 21 or more semester hours of credit.

Matriculation – The process of obtaining enrollment at the university.

Minor – A concentration of related courses generally consisting of a minimum of 15 semester hours of credit.

Non-Degree Student – A student who has been admitted to a non-degree category and is not currently seeking an associate or baccalaureate degree.

Part-Time Student – A student who takes fewer than 12 credit hours during a semester.

Portfolio – A collection of work (e.g., paintings, writings, etc.) which may be used to demonstrate competency in an academic area.

Prerequisite – A requirement, usually the completion of another course, which must be met before a student can register for a course.

Semester Calendar System – A semester is a unit of time, 15 weeks long, in the academic calendar. A full academic year consists of two semesters.

Semester Hour – A unit of academic credit. One quarter hour of credit is equivalent to two-thirds a semester hour of credit.

Regents' Test – A reading and writing test which must be successfully completed by most students enrolled within the University System of Georgia.

Registration – The process of signing up and paying fees for courses each semester.

Reinstatement – Readmission to the University after having been academically excluded or having withdrawn.

Residence Requirement – The required number of credit hours of course work that must be completed at West Georgia before a degree will be granted.

Residency Requirement – As opposed to the Residence Requirement, the Residency Requirement refers to the length of time certain students (usually depended upon classification) must live on campus.

ROTC – The Reserve Officers' Training Corps military science curriculum offers electives leading to a commission in the United States Army.

Scholarship – Financial assistance to students awarded on the basis of academic achievement. Financial need may or may not be a factor.

Stop Registration – A hold placed on a student's registration as a result of academic exclusion, an unfulfilled obligation to the University, or a disciplinary action by the University.

Student Employment – Part-time jobs made available to students with financial need through federally funded programs (work-study) and to students without need through individual departments (regular student assistant program).

Transfer Student – Transfer students are those who have previously been enrolled in any accredited college. All previous college attendance must be reported at the time of application. (High school students in joint enrollment programs are not considered transfer students.)

Transient Student – Students currently enrolled at another college may apply for the privilege of temporary registration at West Georgia. Such students are those who expect to return to their home institution and who have transient permission from that institution.

Transient Student Status – West Georgia students wishing to take courses temporarily at another college or university to count towards their degree at West Georgia must have a cumulative grade point average of 2.0 or higher and must obtain permission from the Dean of their major school.

THE UNIVERSITY SYSTEM OF GEORGIA

The University System of Georgia's Board of Regents was created in 1931 as a part of a reorganization of Georgia's state government. With this act, public higher education in Georgia was unified for the first time under a single governing and management authority. The governor appoints members to the Board, who each serve seven years. Today the Board of Regents is composed of 18 members, five of whom are appointed from the state-at-large, and one from each of the 13 congressional districts. The Board elects a chancellor who serves as its chief executive officer and the chief administrative officer of the University System.

The Board oversees 35 colleges and universities: four research universities, two regional universities, 13 state universities, seven state colleges, and nine two-year colleges. These institutions enroll more than 270,000 students and employ approximately 11,000 faculty and 28,600 staff to provide teaching and related services to students and the communities in which they are located.

Board of Regents of the University System of Georgia
270 Washington Street, SW
Atlanta, Georgia 30334
U.S.A.

University System of Georgia Strategic Plan

Transforming the System, Changing Lives, Strengthening the State

The Board of Regents has utilized strategic planning for a number of years to guide its policy development and annual budget requests. The board's current Strategic Plan was adopted in August 2007.

The Plan has a theme of building capacity in every aspect of the System's operations. The Plan will direct actions that transform the System, change lives, and strengthen the State.

The Plan defines six broad goals designed to ensure that the investment the citizens of Georgia have made in their system of public higher education continues to serve the needs of future generations.

For more information on the University System's Strategic Plan, go to: <http://www.usg.edu/regents/strategic/>

The six strategic goals:

1. Renew excellence in undergraduate education to meet students' 21st century educational needs.
2. Create enrollment capacity to meet the needs of 100,000 additional students by 2020.
3. Increase the USG's participation in research and economic development to the benefit of a global Georgia.
4. Strengthen the USG's partnerships with the state's other education agencies.
5. Maintain affordability so that money is not a barrier to participation in the benefits of higher education.
6. Increase efficiency, working as a System.

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 John Vanchella, *Special Assistant to Associate Vice Chancellor, Media & Publications*

INSTITUTIONS OF THE UNIVERSITY SYSTEM OF GEORGIA

Research Universities

Athens 30602 <i>University of Georgia-h; A,B,J,M,S,D, DVM, PHARMD</i>	Atlanta 30302 <i>Georgia State University-B,M,S,D,J Augusta 30912 Medical College of Georgia-h; B,M,D</i>
Atlanta 30332 <i>Georgia Institute of Technology-h;B,M,D</i>	

Regional and State Universities

Albany 31705 <i>Albany State University-h;A,B,M,S</i>	Fort Valley 31030 <i>Fort Valley State University-h; A,B,M,S</i>
Americus 31709 <i>Georgia Southwestern State University-h; B,M,S</i>	Kennesaw, 30144 <i>Kennesaw State University-h; B,M,S,D</i>
Augusta 30904 <i>Augusta State University-A,B,M,S</i>	Marietta 30060 <i>Southern Polytechnic State University-h; A,B,M</i>
Carrollton 30118 <i>University of West Georgia-h; B,M,S,D</i>	Milledgeville 31061 <i>Georgia College and State University-h; B,M,S</i>
Columbus 31907 <i>Columbus State University-A,B,M,S</i>	Morrow 30260 <i>Clayton State University-A,B,M</i>
Dahlonega 30597 <i>North Georgia College and State University-h; A,B,M,S</i>	

Savannah 31419
Armstrong Atlantic State University-
 A,B,M
 Savannah 31404
Savannah State University-h; A,B,M

Statesboro 30460
Georgia Southern University-h;
 B,M,S,D
 Valdosta 31698
Valdosta State University-h; A,B,M,S,D

State Colleges

Albany 31707
Darton College-A
 Atlanta 30310
Atlanta Metropolitan College-A
 Bainbridge 39818
Bainbridge College-A
 Barnesville 30204
Gordon College-h; A,B
 Brunswick 31520
Coastal Georgia Community College-A
 Clarkston 30021
Georgia Perimeter College-A
 Cochran 31014
Middle Georgia College-h; A
 Dalton 30720
Dalton State College-A,B

Douglas 31533
South Georgia College-h; A,B
 Gainesville 30503
Gainesville College-A,B
 Lawrenceville 30043
Georgia Gwinnett College-B
 Macon 31206
Macon State College-A,B
 Rome, 30162
Georgia Highlands College-A
 Swainsboro 30401
East Georgia College-A
 Tifton 31763
Abraham Baldwin Agricultural College-
h; A,B
 Waycross 31503
Waycross College-A



Board Regents of the
 University System of Georgia
 270 Washington Street, S.W.
 Atlanta, Georgia 30334

h;- On Campus Student Housing Facilities

Degrees Awarded:

A-Associate
B-Bachelor's
J-Juris Doctor

M-Master's
S-Specialist in Education
D-Doctor's

DVM-Doctor of Veterinary
Medicine
PHARM-D-Doctor of Pharmacy

UNIVERSITY OF WEST GEORGIA

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DONALD R. WAGNER, B.A., M.A., Ph.D.	<i>Dean of the Honors College, Director of Special Programs and Professor of Political Science</i>

Administrative Staff Officers

JAMES L. AGAN, B.S., M.Ed., Ed.S., Ed.D.	<i>Director of Continuing Education and Public Services</i>
ROBERT S. JOHNSON, B.M.E., M.M.E., Ed.D.	<i>Director of Admissions</i>
LORENE FLANDERS, A.B., M.L.M., M.A.	<i>Director of University Libraries and Professor</i>
BONITA B. STEVENS, B.S.Ed., M.Ed.	<i>Registrar</i>

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THE UNIVERSITY

Overview

The University of West Georgia is a coeducational, residential, liberal arts institution located in Carrollton. A state university in the University System of Georgia, it enrolls students from most counties in Georgia as well as from other states and several foreign countries. Enrollment at West Georgia was 10,154 students in the 2005 fall semester.

The University is situated on the western side of Carrollton, the county seat of Carroll County and one of Georgia's fastest growing industrial areas. Carrollton, an hour's drive from Atlanta, serves a regional population of more than 100,000 as a center for retail shopping, medical and educational services, entertainment and recreational activities, and financial services.

History

The University of West Georgia originated in 1906, the date of the founding of the Fourth District Agricultural and Mechanical School, one of twelve such institutions established by the State of Georgia between 1906 and 1917. Twenty-five years later, Carrollton's A&M School became West Georgia College, a junior college established by an act of the Board of Regents of the University System of Georgia. Dr. Irvine S. Ingram, who had been principal of the A&M School, was named the institution's first president.

In 1939, the College was authorized by the Board of Regents to add a three-year program in elementary education. In 1957, the institution was authorized to confer the B.S. degree in education, making it a four-year senior college unit of the University System of Georgia. Two years later, West Georgia College added the Bachelor of Arts degree in the fields of English, history, and mathematics.

During the following years, West Georgia College became one of the fastest growing institutions of higher learning in the South. From an enrollment of 576 in 1957, the institution's student body now numbers more than 10,200. West Georgia offers twelve undergraduate degrees: the Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science, Bachelor of Science in Chemistry, Bachelor of Science in Education, Bachelor of Science in Nursing, Bachelor of Business Administration, Bachelor of Music, Bachelor of Science in Recreation, Bachelor of Science in Environmental Science, and Bachelor of Science in Environmental Studies with majors in 60 different fields.

In 1967, the Board of Regents authorized the initiation of a graduate program at the master's level. The following ten masters degrees are offered in 33 areas of study: Master of Arts, Master of Arts in Teaching, Master of Business Administration, Master of Education, Master of Music, Master of Science in Nursing, Master of Professional Accounting, Master of Public Administration, Master of Science, and Master of Science in Rural and Small Town Planning. Also offered is the Specialist in Education degree in 12 areas of study and the Doctor of Education in School Improvement.

In 1983, the Board of Regents approved the External Degree Program as a cooperative effort between Dalton College and West Georgia. Since its inception, close to 400 degrees have been conferred through the Center. The Board of

Regents in 1988 approved opening the Newnan Center, a joint effort involving the Newnan-Coweta Chamber of Commerce and other business, civic and educational leaders in the area. With an enrollment of more than 300, the Newnan Center provides core curriculum for residents in the Newnan/Coweta County area. (See Chapter VI on Public Services.)

In June, 1996, the Board of Regents of the University System of Georgia officially changed the name of West Georgia College to the State University of West Georgia, and in 2005 it became the University of West Georgia. The University is on the cusp of significant growth that is being accommodated by the addition of four major construction projects: two phases of residential housing, a new campus center (student recreational facility), and the Health, Wellness, and Lifelong Learning Center. When all projects are complete, the gross asset value of the University's facilities will be approximately \$200 million. The University is also poised to augment its campus by nearly 270 acres through the addition of the City of Carrollton's gift of 246 acres and the purchase of 23 acres by the West Georgia Foundation, Inc.

Presidents of the College and University

Dr. Irvine Sullivan Ingram served as West Georgia College's first president from 1933 to June 30, 1960, the longest presidential tenure in the history of the University System of Georgia. He was succeeded by Dr. William Hamilton Row, who served from July 1, 1960, until his death on March 15, 1961. At that time, Dr. Ingram was named acting president. He served in that capacity until Dr. James Emory Boyd was appointed president on August 16, 1961.

After a decade of service to West Georgia College as president, Dr. Boyd retired on March 30, 1971, to become vice-chancellor for academic development of the University System of Georgia. Vice-President George Walker served as acting president from April 1 to August 15, 1971. On August 16, Dr. Ward B. Pafford became the institution's fourth president. Dr. Pafford announced his resignation, effective June 30, 1975, in the fall of 1974. Dr. Maurice K. Townsend, vice president for academic affairs at Indiana State University, was named West Georgia's new president, effective July 1, 1975. Dr. Townsend served as the College's Chief Executive Officer until his death on May 16, 1993. Dr. Bruce W. Lyon, Vice President and Dean of Student Services, was named Acting President, effective June 1, 1993. The University System of Georgia, following an extensive national search, named Dr. Beheruz N. Sethna to head West Georgia, effective August, 1994. When the Board of Regents officially changed the name of the institution to the University of West Georgia in June, 1996, Dr. Sethna became the first president of the University.

The University of West Georgia Mission Statement

Mission Statement

The University of West Georgia seeks to achieve preeminence in providing educational excellence in a personal environment through an intellectually stimulating and supportive community for its students, faculty, and staff.

Purpose

The University, a charter member of the University System of Georgia, is a

comprehensive, residential institution providing selectively focused undergraduate and graduate public higher education primarily to the people of West Georgia. The University is also committed to regional outreach through a collaborative network of external degree centers, course offerings at off campus sites, and an extensive program of continuing education for personal and professional development. Opportunities for intellectual and personal development are provided through quality teaching, scholarly inquiry, creative endeavor, and service for the public good.

Essential Activities

West Georgia educates students in a range of disciplinary, interdisciplinary, and professional programs at the baccalaureate level. It also offers a significant number of graduate programs at the master's and educational specialist's levels. The University has a commitment to education at the doctoral level in the field of education as well as other selected areas. In addition to being accredited as an institute of higher education, the University maintains national accreditation or recognition in most undergraduate and graduate fields of specialization.

The University of West Georgia pursues its purpose through the following activities:

- Instruction in general education and the promotion of life-long learning that together lay the foundations of what is essential to being an educated person.
- Faculty-directed student research and professional activities that complement classroom learning through learning by doing and reflection on doing.
- Faculty research, scholarship, and creative endeavors that promote knowledge, enhance professional development, contribute to quality instruction, and provide for significant student involvement and field-based experience.
- Educational opportunities such as the Honors College and, for extraordinary high schoolaged students, the Advanced Academy of Georgia that serve the needs of exceptionally prepared students.
- Systematic investigation of teaching and student learning that fosters innovation in teacher, professional, and pre-professional preparation.
- The use and exploration of existing and emerging technologies that improve opportunities for faculty and student learning.
- A broad range of public service activities and proactive partnerships that: promote more effective utilization of human and natural resources; contribute to economic, social and technical development; and enhance the quality of life within the University's scope of influence.
- Student services, including outstanding first-year experiences, which increase opportunities for academic success and personal development and enhance the climate of campus life.

Values

The University of West Georgia values the following:

- High-quality general education, undergraduate and graduate programs, that:
 - 1) Are grounded in a strong liberal arts curriculum;
 - 2) Impart broad knowledge and foster critical understanding needed for

intellectual growth, personal and social responsibility, cultural and global literacy and lifelong learning;

- 3) Emphasize disciplinary rigor;
 - 4) Foster the development of effectiveness in communication, critical and independent thinking, problem solving, and the use of information resources and technology; and
 - 5) Create a learning community dedicated to instructional excellence where close student-faculty interaction enhances both teaching and learning for a diverse and academically well-prepared student body.
- Cultivation of a personal environment.
 - Affirmation of the equal dignity of each person by valuing cultural, ethnic, racial, and gender diversity in students, faculty, and staff.
 - Practices that embody the ideals of an open democratic society and that cultivate an environment of collegiality.

These commitments culminate in educational experiences that foster the development of thoughtful and productive leaders and citizens who make a positive impact throughout an increasingly global society.

Accreditations and Affiliations

The University of West Georgia is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; Telephone number 404-679-4501) to award bachelor's, master's, education specialist's degrees, and an education doctorate degree. Accreditations also include the following:

AACSB International – The Association to Advance Collegiate Schools of Business

American Chemical Society

Commission on Collegiate Nursing Education

Computing Accreditation Commission of the Accreditation Board for Engineering and Technology

Council for Humanistic Transpersonal Psychology

National Association of Schools of Music

National Association of Schools of Art and Design

National Association of Schools of Theatre

National Association of Schools of Public Affairs and Administration

National Council for Accreditation of Teacher Education

Organizations in which the University holds institutional membership include the American Council on Education, the American Association of State Colleges and Universities, the American Association of Colleges for Teacher Education, the Conference of Southern Graduate Schools, the Georgia Association of Colleges, the National Association for Foreign Student Affairs, the National Business Education Association, and the National Collegiate Honors Council.

The Campus

The campus is a unique blend of old and new. Boasting numerous cultivar of trees, shrubs, and flowers, the campus is dotted with structures of the early 1900s, as well as buildings exemplifying the most contemporary modes of architecture.

The front, or “Old Campus,” a three-block-long expanse of rolling hills shaded

by scores of old towering oak, elm, and maple trees, surrounds a number of faded brick buildings stretching in a semi-circle adjacent to the park. This is where West Georgia began as an A&M school in 1906.

A modern academic complex composed of a library, social science, humanities, and math-physics buildings lies beyond the "Old Campus." A new business school annex was added in 1985. Other buildings in the area include a three-story student center, a health and physical education center featuring a 3,000-seat gymnasium and indoor pool, and one of the most modern college infirmaries in the state. A performing arts center, containing two theatres, a black box, and a main stage, which seat 250 and 455 respectively, was completed in 1989.

Situated across from the performing arts center is the central focal point of the University's core curriculum classes — the new Technology-enhanced Learning Center. The \$20 million, 110,000-square-foot, three-story, state-of-the-art building was completed in the summer of 2001. Academic departments housed in the TLC include Computing, English, Chemistry, and History. The defining feature of the TLC is the "smart" classroom, or studio classroom, in which every student has a computer at his or her desk. Other features include three lecture halls, a seminar room for each department, one general-purpose computer lab, and several chemistry labs, in addition to faculty offices. In the lecture halls, students have a place to plug in their laptops, and in the lobby area, computer screens offer students a chance for a quick revision of their assignments between classes. Labs and lectures are integrated, and experiments are done on computers. The University believes that this high-tech teaching method increases student learning and is proud to be one of only three institutions in the University System of Georgia to use this approach.

Much of the University's other recent physical development occurred on the west side of campus. The Education Center, a structure unique in the University System, contains five large lecture-demonstration rooms, which, by moving the sliding partitions, serve as a 1,000-seat auditorium. It also features an instructional materials center, television and sound recording studios, an audiovisual laboratory and dark room, counseling rooms, group observation rooms, study carrels, and other areas for independent study.

Adjacent to the Education Center is the Biology Building, a facility with numerous laboratories, lecture halls, and the latest scientific equipment. The Education Annex, a 42,000-square-foot facility, opened in 1995. This facility houses education and nursing faculty offices, classrooms, laboratories, and the campus day-care center.

A complete renovation of the University's baseball complex was made possible by a gift from the E. Woodfin Cole family in Carrollton. The 20,000-square-foot, two-level Murphy Fieldhouse provides offices for all athletic personnel, a football locker room, academic support area, sports information offices, a sports medicine area, and meeting rooms.

The opening of three suite-style residence halls in 2004 and three apartment-style halls in 2005 brought the total of on-campus residence halls to 15; providing 3,004 beds for UWG students.

Kennedy Interfaith Chapel and Bonner House are two of the oldest buildings on campus. The Chapel was owned first by the Episcopal Church and later by the Catholic Church. When the local parish built a new church, its members donated the Chapel to the University for non-denominational use. In 1964, after the Chapel was moved to the campus, the late Robert F. Kennedy dedicated it to

the memory of his brother, the late President John F. Kennedy.

The Bonner House, constructed in 1843 as a plantation home, is the oldest building on campus. The frame colonial structure has served various purposes through the years.

University Wordmark

After the name change to University in June, 1996, a process for considering a change in the institution's logo began. Following a process involving an open contest; faculty, student, staff, alumni, and community input; and, finally, artwork from a professional graphics design firm, the wordmark, University of West Georgia (shown here), was adopted by the Faculty Senate in March, 1997. The new symbol is designed to achieve more widespread recognition by using a wordmark that is easily identifiable.



McIntosh Monument

The front campus park is the site for the McIntosh Stone, which was the official logo for West Georgia College from 1980-1997. It was originally donated in 1916 to the Fourth District A & M School, predecessor to West Georgia College, and was used as a cornerstone for a girls' dormitory. It was transported from the McIntosh Reserve near Whitesburg by three students using a wagon pulled by two horses. The stone was a granite horse block used by Chief William McIntosh, born in 1775 of a Scottish father and a Creek Indian mother. He became chief of the Creeks at age 20. McIntosh had the large granite stone hewn into steps for his visitors to mount their horses when visiting his guest house and home.

Irvine Sullivan Ingram Library

<http://www.westga.edu/~library/>

As the academic heart of the campus, Ingram Library provides both online and in-house collections and services to meet curricular needs. The four story building of some 85,000 square feet provides seating space for 700, an electronic classroom, a conference room, small group study rooms, lockable faculty carrels, and computers and other equipment for accessing materials retained in print, online, recorded and micro formats. Wireless access to internet resources is available throughout the building.

The library is named in honor of Irvine Sullivan Ingram, the institution's first president. The glass enclosed lobby overlooks a study garden designed in honor of Maurice Townsend, fifth president of the university. The lobby area provides study tables and casual seating where patrons may enjoy food and drink while accessing the wireless network, working individually or in small groups, or browsing through the new books, current newspapers and periodicals on display. Ingram Library houses a collection of student and faculty art, including "The Prophet," a bronze by Gary Coulter, presented by the Class of 1968, which stands at the entrance, and "Sporangium Disseminating Spores," a large ceramic installation by Cameron Covert and Bruce Bobick, completed in 1980. Rotating displays of student art and writing inspired by programs developed by the Thomas B. Murphy Holocaust Teacher Training and Resource Center, which is located on the second

floor of the library, may be viewed in the Center and in the lobby.

Library collections include nearly 400,000 cataloged volumes, over 1,000,000 microforms, and more than 20,000 maps and charts. The library provides access to some 16,000 print and electronic serials, including magazines, scholarly journals, and newspapers. As a selective depository for federal documents, the library houses an extensive collection of United States government publications and provides access to government information available in online and other electronic formats.

The library participates in state and regional consortia, facilitating extensive access to the collective resources of university system and other libraries. The library catalog, provided through Georgia Interconnected Libraries (GIL), lists materials available in Ingram Library collections, and provides links to catalogs of other libraries. West Georgia students, faculty, and staff may request books from any university system library through the online GIL Express service, a feature of the universal catalog, and they also have check out privileges when visiting system libraries. In addition, the University of West Georgia is a member of the Atlanta Regional Council for Higher Education (ARCHE), which allows students, faculty and staff to utilize the resources of member libraries. Ingram Library provides interlibrary loan service through its web site, facilitating the borrowing of books from libraries throughout the country. Articles requested through interlibrary loan are transmitted to patrons electronically.

Library users have access to Georgia Library Learning Online (GALILEO), an online library of databases, full text electronic journals, and reference resources available to all Georgians, as well as to an extensive range of electronic materials selected to support the university's academic programs. All licensed electronic materials are available to university students and faculty through any computer with internet access. By providing access to an extensive range of online materials, developing an electronic reserve system and online request systems for obtaining materials from other libraries, the library ensures that students enrolled at the university's remote class sites and in online courses are afforded the same level of library support as those who attend classes on the Carrollton campus. Fax and courier services to off campus class sites, and arrangements with libraries in Newnan and other locations also support off campus students.

The Annie Belle Weaver Special Collections area on the third floor of Ingram Library provides access to information about the history of the university and the geographic area it serves. Photographs, family histories, and other materials associated with the west Georgia region are included in Special Collections, as are materials on sacred harp music and American psalmody. A special effort is being made to acquire the manuscript collections of individuals who have represented the region in state or national legislative bodies. One of the most notable collections is that associated with Georgia's Political Heritage Program, begun by university faculty in 1985. The collection includes taped interviews with state and national leaders, among them most of Georgia's post-World War II governors, U.N. Ambassador Andrew Young, U.S. House Speaker Newt Gingrich and Georgia House Speaker Tom Murphy. Senator Herman Talmadge was the first interview subject for the program. The Talmadge collection is particularly significant as it includes some thirty-five interviews taped between 1985 and 1995 as well as interviews with his staff and some of his supporters.

Information about library programs and services is distributed through pub-

lications available in the building, and through the library web site. An online newsletter chronicles developments within the library, while an online announcements site outlines upcoming events, programs and classes.

The library pursues an aggressive instruction program. A for-credit course, which is part of Area B, is taught in the library's computer-enhanced classroom as well as via the web. The course is designed to orient students to doing research in academic libraries and to critically evaluating information resources. Throughout the semester students may register on the library web site to attend basic library skills classes addressing various topics. In addition, classes tailored to specific assignments and other types of customized instruction are developed for upper-level and graduate courses. Individuals seeking assistance with library resources and research needs can utilize reference services at the reference desk, via telephone, and through the online *AskAL* service available through the library web site.

Thomas B. Murphy Holocaust Teacher Education Training and Resource Center

The Thomas B. Murphy Holocaust Teacher Education Training and Resource Center, on the second floor of Ingram Library, is the only Holocaust center in the United States devoted to teacher training located in a state-supported institution. With the study of the Holocaust as a catalyst, the Center encourages and supports human understanding and dignity by developing programs to open minds and hearts to the appreciation of all of humankind. The Center's multimedia resource collection includes books, videotapes, archival and electronic materials, augmented by resources available within the collections of Ingram Library. Working collaboratively with academic departments and area organizations, the Center provides curriculum development assistance, teacher conferences, staff development seminars, exhibits, and other programs.

The Learning Resources Center

<http://www.westga.edu/~lrc/lrhome>

The Department of Learning Resources provides faculty and students with instructional technology for classroom use as well as assistance with instructional design services. Learning Resources stocks and maintains a wide-ranging inventory of audio-visual technology from slide projectors and overheads to DVD players and LCD projectors. It is also responsible for installation and maintenance of technology permanently placed in classrooms such as TV/VCRs, overhead projectors, and multimedia equipment. The LRC assists in training faculty and staff in the use of instructional technology. Creation of visual aids such as color slides, overhead transparencies, computer-generated slides, and on-screen presentations is also an important service of Learning Resources. The Instructional Resources area scans photos and slides, digitizes video, converts photos into slides as well as provides darkroom services such as printing black and white photographs and developing Ektachrome slides. Other production services such as lamination, black and white transparencies, and VHS tape dubbing are also available. LRC professional staff members hold advanced degrees from accredited institutions and have extensive experience in instructional technology and design. Learning Resources is located on the ground floor of the Learning Resources / Geography Building across from the Library on Back Campus Drive.

Information Technology Services

<http://www.westga.edu/~its/>

Information Technology Services (ITS) provides technology leadership and support to all areas of the University of West Georgia community. ITS offers a wide variety of services — from user assistance and training to planning and maintaining the campus-wide network. Providing this range of services makes ITS role a very challenging one. To successfully meet the challenge, ITS is continually upgrading services and equipment that are available to the campus community.

ITS maintains support of the central Sun Microsystems Unix servers for the campus. This includes a cluster of SunFire v880s, which provides e-mail and web accounts for all students, faculty, and staff, and a Sun e2900, which supports the Banner Student System. ITS also operates the campus' ONE CARD server in addition to providing support for approximately 25 NT and Linux file servers, which serve both the academic and administrative communities.

ITS also manages the campus' administrative and residence hall data and telephone networks. The campus data network maintained by ITS is a completely switched, high-speed network providing switched ten megabit connections to students in the computer labs and the students living in the residence halls. High-speed Internet access from the University campus is provided through a link to PeachNet, operated by the University System of Georgia.

Student microcomputer labs are located in the College of Business, the College of Arts and Sciences, the College of Education, and the University Community Center. Many of these labs are used for instruction; however, the Community Center computer lab is an open lab for general use.

The Antonio J. Waring, Jr. Archaeological Laboratory

<http://www.westga.edu/~ajwlab/>

The Antonio J. Waring, Jr. Archaeological Laboratory is a unique facility within Georgia. As part of the University's Anthropology Department, it holds a large collection of historic and prehistoric artifacts from archaeological sites all across Georgia. The collections curated here for governmental and private agencies provide essential research data for the West Georgia faculty, as well as for visiting scholars from across the country, and also offer undergraduate students at West Georgia special opportunities for academic training and research experience. Anthropology majors and other undergraduate students are encouraged to enrich their academic experience through laboratory and field research methods courses in which they participate directly in active research projects under the direction and supervision of archaeologists on the faculty at the University. Once they receive basic instruction, many students also elect to participate in sponsored archaeological projects as undergraduate research assistants.

Academic Chairs

Three chairs designed to enhance the instructional quality of the University

are provided through a combination of supplemental income from foundations and the regular university budget.

The *Fuller E. Callaway Chair* in the College of Arts and Sciences was established in 1969 through support from the Callaway Foundation, Inc. The purpose of this program is to encourage the enrichment of the academic program through the retention and addition of superior faculty members. The Fuller E. Callaway Professor teaches principally at the undergraduate level on a full-time basis.

The *Warren P. Sewell, Sr., Chair of Private Enterprise* in the College of Business was established in 1979 through an endowment provided West Georgia by the Warren P. and Ava F. Sewell Foundation. The purpose of this program is two-fold: to attract a highly qualified professor to exemplify excellence in teaching, and to focus attention on the historic contributions and contemporary importance of the American free enterprise system.

The *Marion Crider Distinguished Chair for Mathematics* in the College of Arts and Sciences was established in 2002 through an estate gift of Sara Hazeltine and matching funds from the University System of Georgia's Eminent Scholars Program. This was the first Eminent Scholars Program fully endowed chair in the University's history. The chair attracts highly qualified faculty in mathematics. It memorializes Marion Crider, a beloved teacher, whose career spanned 23 years at West Georgia.

University of West Georgia National Alumni Association

The alumni of the University of West Georgia constitute the largest single constituency and represent the most valuable resource for the University. Membership in the National Alumni Association is open to all graduates of the University of West Georgia, West Georgia College, or the Fourth District Agricultural and Mechanical School. A 47-member Board of Directors, along with several lifetime members, directs activities of the Association. The Association informs alumni of institutional plans, progress, opportunities, and needs.

Perspective, the alumni publication, is mailed to all alumni and friends three times a year. In addition, the Honor Roll of Giving and is published each spring in magazine format.

Major activities sponsored by the Alumni Association include Homecoming, Dinner with 12 Strangers, as well as numerous reunions and special events that involve hundreds of alumni each year.

EXECUTIVE COMMITTEE

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 Warren L. Jones '39 – Rome
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 Shannon Polson '93 – Hoover, AL
 Jim Rowell '67, '76, '79 – Bowdon
 Judy Rowell '66, '70, '72 – Bowdon
 Chris Shuler '85 – Duluth
 Peggy Smith '61 – Carrollton
 Barbara Tanner '52 – Carrollton
 Gary Turner '71, '80, '93 – Buford
 Roy Vanderslice '72 – Powder Springs
 Mignon Wessinger '71, '78, '84
 Joy White '51 – Atlanta
 David Wiggins '74, '76 – Carrollton
 Bonnie Wolf '71 – Atlanta

The University of West Georgia Foundation

The University of West Georgia Foundation, Inc. (Foundation) is a Georgia charitable corporation. It receives and manages private contributions (gifts) made for the benefit of the University of West Georgia. The Foundation has been recognized as an organization exempt from Federal Income Tax under section 501(c)(3) of the Internal Revenue Code, and gifts to the Foundation are deductible as provided for in section 170 of the Internal Revenue Code. The Foundation encourages both restricted (specific purpose) and unrestricted (general use) gifts from donors.

The purpose of the Foundation is to promote the cause of higher education within the State of Georgia, to source and receive gifts for the support and enhancement of the University, and to aid the University in its development as a leading educational institution within the State of Georgia and the southeast region of the United States.

The Foundation's Board of Trustees is composed of business, professional, and community leaders plus officers elected by the Board. The Board establishes and provides oversight of the Foundation's operating financial policies and procedures. In addition, the Foundation is committed to provide for the integrity of original corpus (principal) dollars plus assure that all fiduciary commitments made to the Foundation's donors are honored for the life of their agreements. The officers and trustees of the Foundation are committed to a policy of full-disclosure.

The Board of Regents of the University System has recognized that gifts and income from endowments that provide for the private support of system institutions are not taken into account when determining the allocation of state funds to the institution. The Board of Regents recognizes that all of its institutions are dependent, in part, on private funding and encourages all of its institutions to seek the support of alumni, friends, corporations, and other private organizations.

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II. STUDENT AFFAIRS AND ENROLLMENT MANAGEMENT

<http://www.westga.edu/~stusrv/>

Student Affairs, Enrollment Management Departments

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Residence Life

Student Judicial Affairs

Student Development Center

Personal Counseling Services

Career Counseling Service

Academic Assistance

International Students

Disability Services

EXCEL: Center for Academic Success

Multicultural Achievement Program

Health Service

Career Services

Career Employment

Student Employment

Professional Practice Program

Cooperative Education

Internships

University Police

Parking and Transportation Services

Automobiles

Other Services

University Stores

C-3 Convenience Store

University Mail Services

Publications and Printing

University Community Center

Weather/Emergency Closing

Awards and Honors

Campus Center

Student Activities

Art, Drama, and Music

Comedy, Music, and University

Events

Debate

West Georgia Athletics

Intramurals and Recreational

Sports

Student Media

Student Organizations

Student Government

Religious Organizations

Departmental Organizations

and Professional Fraternities

Honor Organizations

Other Student Groups and
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National Pan-Hellenic Council

Interfraternity Council

Pan-Hellenic Council

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STUDENT AFFAIRS AND ENROLLMENT MANAGEMENT

Student Affairs and Enrollment Management Departments

The Division of Student Affairs and Enrollment Management, as a complement to the academic programs of the University, offers a variety of educational services, developmental programs, and student activities designed to enrich the student's university life. These activities are supervised by twelve departments under the direction of Dr. Melanie McClellan, Vice President for Student Affairs and Enrollment Management and Dean of Students whose office is located in the Bonner House (telephone 678-839-6423).

Students and others who desire more information about the services available or who need assistance are encouraged to contact the appropriate offices listed below:

Admissions Office—Dr. Robert S. Johnson, Director, Mandeville Hall, 678-839-4000

Financial Aid—Ms. Kimberly Jordan, Director, Aycock Hall, 678-839-6421

EXCEL: Center for Academic Success—Ms. Cheryl Rice, Director, University Community Center, 678-839-6280

Health Service—Dr. Leslie T. Cottrell, Physician and Director, Health Center, 678-839-6452

Intramurals and Recreational Services—Dr. Walter Todd, Associate Director, Campus Center, 678-839-6617

Multicultural Achievement Program—University Community Center, 678-839-6280

Career Services—Ms. Wanda McGukin, Director, Parker Hall, 678-839-6431

Registrar's Office—Ms. Bonnie B. Stevens, Registrar, Parker Hall, 678-839-6438

Residence Life and Student Judicial Programs—Patricia Causey, Interim Director, Mandeville Hall, 678-839-6426

Campus Center—Ms. Linda Picklesimer, Director, Campus Center, 678-839-5500

Student Development (Counseling)—Dr. Gerald Hall, Director and Assistant Dean, Parker Hall, 678-839-6428

Orientation—Ms. Nova Davidson, Coordinator of Orientation, Bonner House, 678-839-4734

Orientation

Orientation programs for beginning undergraduate freshmen and undergraduate transfer students are held at the beginning of the spring and summer semesters and throughout the summer for the fall semester to assist students in becoming familiar with university policies, the curriculum, fees, campus activities, and other pertinent information. During orientation, new students meet University officials, register for classes, and talk with West Georgia students, staff, and faculty advisors. All new undergraduate students are required to attend orientation. Parents are invited to participate in orientation activities planned especially for them. Transient, unclassified and auditor students do not attend orientation. For more information about orientation, please visit www.westga.edu/orientation.

Residence Life

The Residence Life program at West Georgia provides a living/learning community environment that complements the educational process of the University.

Professional and student staff manage the buildings and support the academic programs of the University by offering programs and services that promote academic success and individual development. Each residence hall is supervised by a full-time residence life coordinator or part-time resident director who assumes major responsibility in the areas of administration, programming, staff training, and student development. Resident Assistants are undergraduate students who are trained to create a community environment for residents on each floor.

Residency Requirement

West Georgia requires all freshman students to reside on campus and purchase a meal plan. This policy applies to all students who have not achieved two (2) semesters of residence or thirty (30) credit hours of academic work.

Students may request a waiver of the residency requirement in order to commute from their parents' home within a 30 mile radius of campus. Detailed procedures that must be followed for consideration of a waiver are available from the Residence Life Office.

Application Procedures

Instructions for completing a residence hall contract are sent to new students when they are accepted by the Admissions Office.

(A) Fall and spring semesters: All contracts for the fall or spring semester must be returned to the Residence Life Office with a \$250 deposit in the form of a check or money order before any contract will be processed or room assignment made.

(B) Summer semester: A separate contract is required for the summer semester. The Residence Life Office will not assume that a summer semester resident will automatically continue for the fall semester.

(C) Any student admitted for the fall semester who later decides to attend the summer session must submit two contracts. The first contract should be returned to the Residence Life Office as soon as possible in order to be assured of fall semester housing. The student should then write the Residence Life Office directly to request a second contract to be used for summer semester housing.

A \$250 deposit serves as a room reservation, room damage, and room clearance deposit. Deposit refunds will be made according to the terms and conditions of the housing contract.

Contract Terms

The residence life contract for all halls except the Arbor View apartments is a legally binding contract for the entire academic year of fall and spring semesters. The contract financially obligates a resident to the end of the contract period which for most students is the end of spring semester. A contract buy-out option is available to eligible students who wish to cancel their contracts during the academic year.

The Arbor View Apartment contract is a legally binding contract for 11 1/2 months beginning on the day the halls open for Fall semester and extending through July of the following calendar year. The contract financially obligates a resident to the end of the contract period. A contract buy-out option is not available in Arbor View. It is important that all students keep a copy of the terms and

conditions of their contract and become familiar with them.

Students are reminded that the University accepts no responsibility for items which are lost or damaged in the residence halls, regardless of reason. Each student is encouraged to carry personal property insurance or check to be certain that personal property is covered under the parents' insurance policy.

Residence halls (except Tyus, University Suites, and Arbor View Apartments) and the dining hall are closed between semesters and during Thanksgiving and Spring breaks.

Assignments

A sign-up period for returning sophomore, junior, senior, and graduate students for the following year is held during the spring semester. Notifications of new assignments are made prior to the beginning of each semester. (For rate schedules, refer to the Expenses portion of this catalog.)

Residence hall rooms are reserved on the basis of the date of receipt of the residence hall contract and deposit and space availability. The Residence Life Office will recognize preferences for a specific residence hall; however, preferred assignments cannot be guaranteed. Consideration of a roommate request will be given if the request is mutual and all requested information is complete. Room assignments will not be made until the student fulfills admission requirements; therefore, it is in the student's best interest to complete all admission requirements as soon as possible.

Student Judicial Affairs

Students are expected to have a responsible attitude toward regulations and standards of the University and laws of the community, state, and nation and to respect the standards of their fellow students. This office administers the campus discipline process and adjudicates alleged violations of the Student Conduct Code, as outlined in the *Connection and Student Handbook*.

Student Development Center

The Student Development Center, a part of Student Affairs and Enrollment Management, offers a variety of programs and services, most of which are free, to all West Georgia students. To inquire about services, stop by Room 272, Parker Hall or telephone 678-839-6428. All contacts with the Center are confidential.

Personal Counseling Service

Professional counselors are available to assist students in coping with personal problems. The students may work individually with a counselor or in a small group. Workshops are regularly held to help students learn to plan their futures and to deal with other concerns of university life.

Career Counseling Services

Students interested in planning for a career or choosing a major can get help from the Center. Tests, personal inventories, and a computer program (DISCOVER) are used by the counselors to assist the student in determining career interests. There is a minimal fee for this service. Contact the Center for details.

Academic Assistance

The PASS Program (Promoting Academic Success for Students) offers academic assistance for students who want to improve their academic skills. Individual counseling for study skills is available in active reading, note taking, test anxiety,

time management, and general skills for studying in college.

International Services and Programs

The International Services and Programs Office, located in 223 Row Hall, provides assistance and advice regarding housing, immigration matters, finances, personal adjustment, and referrals to appropriate members of the University and the Carrollton community to all non-resident and resident aliens (F, J, etc.). This office also offers services to faculty who are here on F, J or H visas. Call 678-839-4780 for assistance.

Disability Services

The Student Development Center coordinates special services for students with disabilities. Assistance is available for students with a temporary or permanent physical or psychological disability or with a learning disorder. Learning disorders include attention deficit disorder, acquired brain injury, and learning disability. To receive the services, a student must provide recent documentation (test evaluations that say clearly that a physical, psychological, or learning disorder is present). The Coordinator for Disability Services is Dr. Ann Phillips.

For all types of disability, certain accommodations are provided in order to offset as far as is possible the effect the disability may have on learning, performance in class, and testing. These accommodations are determined and developed on a case-by-case basis by the Coordinators of Disability Services, based on the student's documentation and on a personal interview with the student, as well as with the student's parents when appropriate. Accommodations may include but are not limited to the following:

- Early registrations for all students with a disability
- A written, individualized student accommodations report for professors, if desired
- Classrooms moved for accessibility
- Modification of test format
- Substitution of English language courses for a foreign language requirement
- Individual test administrations
- Extended test times
- Tutoring
- Preferred seating in classrooms

Help in locating and acquiring necessary classroom assistance for students with a disability is provided by the Coordinators of Disability Services and includes such aids as notetakers, sign language interpreters, books on tape, readers, special furniture, student aides, assistive technology, and other such assistance as is needed. Call 678-839-6428 for information.

Other Services

The Student Development Center is the place through which students can notify their professors that they will be absent from class.

EXCEL: Center for Academic Success

EXCEL is a department on the campus of West Georgia devoted solely to the academic success of all students with special programs for first year, transfer, and undecided students. Located on the main floor of the UCC, EXCEL offers the following services:

- Free Tutoring in all the undergraduate core curriculum courses
- Academic advising and registration for all undecided students
- Career/Major Exploration programs which include, among others, the strong vocational interest inventory and the computer software program, DISCOVER
- HOPE & peer mentor programs
- Training in computer basics such as word processing, e-mail use, library searches, and surfing the net
- Weekly college success seminars in study skills that are appropriate for college
- Trouble shooting for any questions or concerns

All services of the EXCEL are free of charge. Contact Cheryl Rice, Director, 678-839-4680.

Multicultural Achievement Program

Housed within the EXCEL Center, the purpose of the Multicultural Achievement Program (MAP) is to assist minority students academically. MAP provides an array of programs and services to meet the needs of minority students:

- Certified peer mentors, who are campus leaders and academic achievers, work with small groups of new students while serving as role models, helping freshmen establish good study habits, and being a referral agent to other campus resources.
- Seminars related to achieving academic success and enhancing cultural awareness are offered throughout the year.
- A second year program is offered which guides students with exploring majors and careers and provides opportunities for second year students to engage in a variety of learning opportunities while increasing self awareness.
- Minority alumni serve as mentors to juniors and seniors and lead career seminars.
- The academic progress of students is monitored, and individual academic coaching sessions are available in note-taking, time management and various study skills.

The Multicultural Achievement Program is located in the EXCEL Center in the UCC. For more information about the program: drop by to see the MAP Coordinator Mr. DeLandra Hunter, telephone 678-839-6280 or visit the website at <http://www.westga.edu/~map/>.

Health Service

The University provides a student health service primarily for the diagnosis, first aid, and treatment of patients with minor or short-term acute illnesses or injuries. These services are provided under the supervision of a physician. Health Service is open weekdays throughout the semester from 8 a.m. to 6 p.m., Monday through Thursday and from 8 a.m. to 5 p.m., Friday. Summer semester hours are 8 a.m. to 4 p.m., Monday through Friday. Health Service is closed when residence halls are closed.

While most illnesses are treated by the staff in the University Health Service, sometimes it is necessary to refer a student to other medical personnel or facilities for special services such as X-ray, surgery, and dentistry. Whenever this occurs, or whenever a student chooses the services of medical personnel or facilities

other than those available at Health Service, the expenses for such services are paid by the student. Prenatal care cannot be provided by Health Service. Any prescriptions needed and not stocked at Health Service must be purchased at an outside pharmacy at the student's expense.

Many tests done within the Health Service laboratory are included in the students' health fee. Other lab tests done in house or processed by Carrollton or Atlanta laboratories are charged to the student at cost. X-rays at Tanner Medical Center also are charged to the student.

These students may be referred by the Health Service's staff to the emergency room at Tanner Medical Center, the local hospital. In such cases, the hospital will consider the student responsible financially. Students are responsible for all medical expenses related to treatment off-campus, including ambulance transportation.

Students should remember that if they are covered by personal or parental insurance it is essential that an insurance policy number be in their possession.

Students who do not have health insurance should obtain it. The University does not provide or sell insurance to students; however, information from an outside company which sells insurance to students is available in the Office of the Vice President for Student Services in the Bonnor House at 678-839-6423.

International students are required to have health insurance. For information, the student should contact the International Student Advisor.

Career Services

The Department of Career Services provides a comprehensive career development and employment program for all students and alumni of West Georgia. Available services include: job search/career coaching, resume referral to employing organizations, student employment opportunities, volunteer services, and career-related learning experiences through professional practice programs. Those interested in more information about these services and others available through the department may read the information here, visit the Career Services homepage (<http://careerweb.westga.edu>), or contact the department in Room 355 of Parker Hall, 678-839-6431.

Career Employment

Career Employment Services provides information and assistance to currently registered students, as well as alumni, regarding career options and full-time employment opportunities. Services include the following:

1. An on-campus recruitment program
2. A job listing and candidate referral service
3. A career resource library contains both information on specific careers, as well as background information on various companies, state and federal government agencies, and many other organizations, as well as a computer lab.
4. Orientation seminars and workshops presented every semester on writing a professional resume and cover letter, successfully preparing for an employment interview, and effective job search strategies are offered at no cost to students or alumni.
5. A series of job fairs and career days scheduled throughout the academic year to assist students in making informed career decisions as well as establishing contacts with employers
6. A listing of Career/Job Fairs in the South which UWG students may

attend

7. Individual appointments designed to refine career plans and investigate employment opportunities
8. A job listing and resource service is available through the department's Website at <http://careerweb.westga.edu>.

For additional information, please contact Career Employment Services, Room 355, Parker Hall; call 678-839-6431; or visit the office's Website at <http://careerweb.westga.edu>.

Student Employment (SE)

The Student Employment Office assists West Georgia students in locating part-time, temporary, and seasonal (e.g., summer or Christmas) employment both on and off campus.

The Student Employment Program has been designed to be as flexible and responsive as possible to students' needs, recognizing that the amount of time available to work will vary significantly from student to student as do students' skills, interests, and abilities. The program allows students to choose their own jobs and schedules.

Student Employment advertises on-campus job openings, at the request of department supervisors, throughout the academic year.

Student Employment also lists off-campus (non-work study) academic year part-time and summer jobs, including community service positions. All students are encouraged to take advantage of this important service which provides them with valuable work experience as well as potential references when seeking full-time employment after graduation.

For additional information, call or come by the SE office in Parker Hall, Room 359, 678-839-6433.

Professional Practice Program (PPP)

The Professional Practice Program at UWG has two basic components: Cooperative Education and Internships. These programs are crucial in enabling students to gain practical experience in their chosen majors and/or career fields.

(1) Cooperative Education (Co-op)

Cooperative Education is an educational strategy that provides a well-balanced combination of college study and periods of hands-on experience in a work setting related to the student's major and/or career goals.

West Georgia offers two types of co-op work schedules: alternating and parallel. Students participating in the Parallel Program work 20-25 hours weekly each semester while attending classes. The Alternating Program provides full time work during alternating semesters.

Cooperative Education provides many benefits for students, including practical work experience, clarification of educational and professional goals, valuable contacts in the employment market, and help in defraying college expenses through salaries earned from co-op jobs.

While on work assignment, co-ops are regarded as full-time students and participate in student activities and utilize the campus health services through payment of appropriate fees, if they desire. Matriculation fees are paid during the work semester only if the student receives academic credit for the co-op work assignment. Students wishing to explore the possibility of credit for the learning which takes place while co-oping should contact their major department to

determine departmental policy regarding this aspect of co-op.

Applicants should have a minimum 2.5 grade point average, and new university students must attend West Georgia for at least two semesters (transfer students, one semester) before starting a co-op work assignment. Students are encouraged to make inquiries prior to their actually qualifying for co-op in order to begin the application process.

Students interested in Cooperative Education should seek information on this program from the Professional Practice Office in Parker Hall, Room 363, or telephone 678-839-6630. The office's Website is located at <http://careerweb.westga.edu>.

(2) Internships

West Georgia students in all majors are eligible to participate in a growing number of intern programs. Internships broaden the scope of undergraduate and graduate curricula by offering students a new type of community-based learning experience. Students work in business, public service agencies, and governmental institutions on a full-time basis (generally for one semester or part-time) and may earn academic credit. Internships prepare students for service in their chosen field of study, develop the student's intellectual capacity, help students understand and appreciate democratic institutions, and stimulate students toward the examination and development of personal and professional values. The internship program offers students an opportunity to address real-life problems under the supervision of professionals. Internships may be paid or unpaid.

West Georgia students, primarily in their junior and senior years or in graduate school, may participate in formal, established internship programs. Internships may or may not be paid experiences which occur any semester of the year. Information, applications and/or interviews can be obtained through the Professional Practice office. Arrangements for academic credit must be made through the academic department chair. While on assignments, students are regarded as regularly enrolled students of the Institution.

Numerous listings of internship opportunities are publicized regularly through the office's Website. Students desiring further information can come by Room 363 of Parker Hall, call 678-839-6630, or visit the Career Services homepage at <http://careerweb.westga.edu>.

Volunteer Services

Volunteer Services is a campus-based community service center matching volunteers' interests with community needs. Services include:

- Information and assistance to currently registered students, as well as alumni, and faculty and staff regarding volunteer opportunities both off and on campus
- Promotes and facilitates opportunities to build partnerships between UWG and the community through service
- Encourages a sense of civic responsibility among students through critical engagement and participation in the West Georgia community
- Serves as a clearinghouse for local and national outreach programs
- Assists students with the planning and execution of projects
- Encourages students, faculty, and staff to learn and serve through individual volunteer placements and group service projects
- Has been designed to be as flexible as possible, recognizing that the amount of time available to volunteer will vary from student to student. The program

allows students to choose to participate in one-time or on-going projects

A listing of opportunities is available through the department's Website at <http://careerweb.westga.edu>. For additional information, call or come by the Volunteer Service Office in Parker Hall, Room 355, 678-839-6431.

University Police

The University of West Georgia Police Department is a Georgia certified police agency which provides law enforcement services to the campus 24 hours per day, 365 days per year. The Department is responsible for investigating and prosecuting all criminal acts that occur on University property. In addition to its law enforcement responsibilities, the police department provides other services, such as teaching self defense and crime prevention classes, operating a lost and found, and assisting motorists. The Department is located in Row Hall, main floor, off University Drive.

24 Hour Emergency / Service Requests – 678-839-6000 or Ext. 9-6000.

Parking and Transportation Services

Parking and Transportation Services is a Division of Auxiliary Enterprises and is responsible for managing parking on the campus through vehicle registration and parking code enforcement. The Division also operates the campus shuttle bus system, which services all of the residence halls, parking facilities, academic buildings, and select off-campus apartments. The unit is located on the main floor of Row Hall, off University Drive. The phone number is 678-839-6629 or Ext. 9-6629.

Automobiles

Any student, faculty, or staff member who operates a motor vehicle on the West Georgia campus must register the vehicle with Parking and Transportation Services. Any person who brings a vehicle on campus is expected to operate and park it in accordance with the University's parking code. Failure to comply with the provisions of the code can result in the vehicle being cited or impounded at the owner's expense.

Vehicles may be registered, citations appealed or paid, and impound releases obtained between 7:30 a.m. and 5:00 p.m., Monday through Friday, at Row Hall, located on University Drive.

Tickets may also be appealed on-line by going to www.bf.westga.edu/pubsafe and clicking on Parking, and following the directions. After normal business hours, temporary parking authorization can be obtained by calling 678-839-6629 and providing the information requested on the voice mail. Failure to obtain the temporary registration may result in the vehicle being cited and a fine levied for failure to register. After normal business hours and on the weekends, impound releases may be obtained from the Communications Center located on the lower level of Aycock Hall. The 24-hour Dispatch number is 678-839-6000.

Other Services

University Stores

For the convenience of the students, the University maintains a bookstore, located at 120 Cunningham Drive, adjacent to the campus. The University Bookstore carries all textbooks, materials, and school supplies necessary for students' use in their classes. The Bookstore also offers a wide selection of imprinted gifts and clothing, office supplies, general books, and art supplies. The Bookstore is

a pick-up station for UPS.

The cost of textbooks depends on the courses taken and the choice of new or used books. The Bookstore offers used texts whenever available, with costs about twenty-five to thirty-three percent less than new texts. Store hours are 8 a.m. to 7 p.m. Monday through Thursday, 8 a.m. to 5 p.m. on Fridays, 10 a.m. to 2 p.m. on Saturdays, and extended hours at the beginning of each semester.

As an added service to the students, the University Shuttle Bus has a stop directly in front of the University Bookstore.

New and used textbooks along with UWG clothing and gifts are available online at www.bookstore.westga.edu. Orders are normally delivered to students' homes in 2-5 business days.

C-3 Store

The C-3 Store, a convenience store operated by Aramark Campus Services, is located on the third floor of the University Community Center. The C-3 Store carries a variety of beverages, snack foods, and microwave meals, as well as DVD rentals, toiletries, grocery, and household items. Testing materials and a variety of school supplies are available in the store.

The C-3 Store is open 7:30 a.m. until 10:00 p.m. Monday through Thursday, 7:30 a.m. to 4:30 p.m. on Friday, and 6:00 p.m. to 10:00 p.m. on Sunday.

University Mail Services

The University Mail Services is located on the main floor of the University Community Center (UCC). All students who live on campus are assigned a mailbox. Residence Life Coordinators will hand out mailbox keys to new students as they check into their dorms. If you are returning the next semester and living in a dorm, do not turn in your key. This will allow you to keep the same mailbox.

Mail should be addressed in this form.

JOHN DOE
P. O. BOX 13500
CARROLLTON GA 30118

Mail sent via UPS, FedEx, Airborne Express, should be addressed:

John Doe
1601 Maple St
#13500
Carrollton GA 30118

If you plan to take a break during the summer semester, be sure to check your box prior to leaving for home. We will forward all other mail to your permanent or mailing address listed in Banner Student Information System. Make sure you keep these addresses updated.

Lost PO Box keys can be replaced at Mail Services. There will be a \$5.00 fee. There will be only one refund issued through Residence Life unless you locate your lost key. Mail Services will refund any extra keys.

Due to the shortage of mailboxes, students who reside off campus are not entitled to a mailbox. If you move off campus, please be sure to turn in your key to Mail Services. We need a local forwarding address.

Through the interoffice and mailbox service, mail may be sent free of charge to other students (name and box number required) and faculty (name and department required).

The University Mail Services is an USPS Contract Postal Unit. We offer most

window services (i.e. express, global priority, registered, certified, and insured mail). A variety of stamps are available. Money orders (international and domestic) may be purchased Monday through Friday from 8 a.m. to 4:30 p.m.

The Mail Services window schedule is Monday through Friday from 8 a.m. to 4:30 p.m. Mail is dispatched to the Carrollton Post Office each business day at 4:00 p.m. Mail is scheduled for delivery in mailboxes by approximately 10:00 a.m. If a late delivery is received, that mail will be placed in the box by 5:00 p.m.

We accept mail from other couriers (ie. Federal Express, UPS, Airborne Express). They deliver sometime between 10:30 a.m. and 1:00 p.m. Notices will be placed in mailboxes at the time of delivery.

Publications and Printing

The Department of Publications and Printing offers publications design, full-color and black-and-white copying and printing, and fax services. A full-time professional staff is available to assist students, faculty, and staff with printing needs, including brochures, softbound and hardcover books, letterheads, envelopes, business cards, multi-part forms, flyers, and posters. The print shop is networked to receive copy jobs electronically. Located off Back Campus Drive on Pub and Print Drive, behind the Art Annex, the print shop's hours of operation are Monday through Friday, 8 a.m. to 5 p.m.

University Community Center

The UCC is the hub of the campus – the cultural, social, recreational, and service center for the students, faculty, administration, staff, alumni, and guests of the University.

Included in the building are the EXCEL Center, the Centre Food Court, the campus post office, the office of The West-Georgian, and multi-purpose rooms for meetings and other activities.

The top floor contains the Auxiliary Services Office, the Wolves Card Office, the Risk Management Office, the C-3 Convenience Store, Centre Café, and Quiznos. A television lounge with a big screen TV is located in this space as well as a lounge area with comfortable seating. The area also offers a game/study area with tables and chairs for card or board games or group study sessions. Located in this area is a computer lab as well as a Surf Centre for surfing the internet and checking email.

Two large meeting rooms, reserved through the office of Auxiliary Services, provide an inviting area for events and activities for the University.

Weather/Emergency Closing

Because of the difficulty in making up lost time, classes or examinations are cancelled only in extreme circumstances. In the event of an emergency University closing, announcements will be made over radio stations in Carrollton and the surrounding area, and radio and television stations in Atlanta.

At times of bad weather or other emergencies, University officials make decisions on whether or not to close the campus based on public safety reports and other considerations. In such cases, the safety and security of the majority of the students is a prime consideration; however, we recognize that there may be special circumstances that pertain to individual students that are more serious than those that apply to the majority. Students are advised to use their best judgment about their safety and that of their families in those situations. Students should

consult with individual faculty members about making up lost time.

Official announcements about class / examination cancellations will be made only by the President and/or the office of University Communications and Marketing.

The University reserves the right to schedule additional classes or examination sessions should some be cancelled.

Information on cancelled or rescheduled classes or examination sessions may also be obtained by calling the Department of Public Safety, 678-839-6600 (day and night); the office of University Communications and Marketing, 678-839-6464 (daytime only); or visiting the University Website at www.westga.edu.

Awards and Honors

West Georgia encourages and rewards excellence among its students. Qualified students are invited to join approximately twenty honor societies, some representing specific academic disciplines and others representing groups of a general nature. These honor organizations, many of which have national affiliations, are listed on the Student Organizations page.

Annually, each of the thirty-five institutions in the University System of Georgia is asked to select one student as its representative for Academic Recognition Day honors awarded by the Board of Regents and the Georgia Legislature. The student chosen must be representative of outstanding scholastic achievement on his or her campus, have a GPA of 4.0 or very close to it, be an undergraduate, and be a resident of Georgia. Nominations are made to the President of the University by the Honors College Dean, who reviews the academic and University service record of the nominees in consultation with the Honors College Committee.

Held annually in the spring, the Academic Honors Convocation is devoted to the recognition of superior academic achievement by students. This occasion is marked by a procession of student honorees accompanied by faculty in academic regalia, the presentation of individual and special awards, and an appropriate program. In addition, during the winter there is a special Academic Awards Ceremony for Minority Students.

One of the most prestigious student awards is named for the late Professor of Education and Dean of Students at West Georgia, Dr. John J. Pershing. It is presented annually by the West Georgia Chapter of the American Association of University Professors to the senior who has earned the highest academic average over a four-year period. The Honor Society of Phi Kappa Phi also presents annual Awards of Excellence to the outstanding student in the undergraduate colleges at West Georgia. These students are selected on the basis of scholarship, character, citizenship, service to the University, and potential for leadership.

Students who excel in other ways are acknowledged through the Campus Activities and Awards Program, which is held each spring to honor students who have made outstanding leadership contributions in the areas of student life and extra- and co-curricular activities. Similarly, an annual Athletic Awards Banquet commemorates outstanding achievements among student athletes. Various individual departments sponsor occasions to recognize excellence and reward outstanding contributions by students.

Who's Who in American Universities and Colleges

The names of a limited number of West Georgia juniors, seniors, and graduate students are included each year in *Who's Who in American Universities and Colleges*. Students are nominated by a student, faculty, or staff member. A

campus nominating committee then selects students based on their academic achievement, service to the community, leadership in extracurricular activities and potential for continued success.

Campus Center

The Campus Center is the center for campus life. It is a student recreational center and social space overlooking Love Valley. Located within the Campus Center are many services, activities, and offices that assist students and help them get connected to campus. The Campus Center contains the following offices:

- Office of Student Activities
- Intramural and Recreational Services
- Campus Center Administration

Within the Campus Center are the following:

- Game Room
- Fitness Facility
- Aerobic Rooms
- 1/8 Mile Track
- 48 ft. Climbing Wall
- Meeting Rooms
- Ballroom
- Basketball Courts
- TV Viewing Area
- And many areas just to relax and hang out

There are many job opportunities in the Campus Center. Go to www.westga.edu/~campus and check out all the types of jobs in the Campus Center.

Student Offices-Several student organizations have offices located in the Campus Center. Drop by with a suggestion or offer to help out. You will be welcomed! The offices located on the third level of the Campus Center are the Student Government Association (SGA), Student Activities Council (SAC), Black Student Alliance (BSA), and Greek Leadership Governing Councils.

Student Activities

Art, Drama, and Music

The Departments of Art, Music, and Mass Communications and Theatre Arts sponsor a wide variety of activities, including recitals and exhibitions of art by students and faculty as well as occasional traveling exhibits.

The Department of Music offers students numerous opportunities to perform. Whether music majors or non-music majors, students participate in a wide range of music performance activities for university credit. Vocal ensembles include the Concert Choir, Chamber Singers, and Opera Workshop. The bands include the Marching Band, Basketball Band, Wind Ensemble, Wind Symphony, Jazz Ensemble, Jazz Combos, and a variety of small woodwind, brass, and percussion ensembles.

The Department of Mass Communications and Theatre Arts stages major productions each semester and one-act plays during the spring. The Department of Music presents an opera each year as well. The two departments jointly produce staged musicals on an occasional basis.

All students are eligible to audition for major theater productions and musical performance groups.

Comedy, Music, University Events

West Georgia students have many opportunities to experience the varied aspects of a university education. Each year the Department of Student Activities sponsors many programs for the enjoyment of the University and Carrollton communities. Among these programs are comedy shows, hypnotists, music, homecoming and Welcome Back Week.

Debate

West Georgia has an outstanding debate program. In 2006, for the 34th consecutive year, a West Georgia team qualified for the National Debate Tournament. Only four schools in the nation have qualified as many or more times consecutively for this tournament: Harvard, University of Kansas, Northwestern University, and the University of Southern California. In the past 6 years alone, West Georgia has finished in the top 5 at the NDT, finishing third in 2002, and won the Cross Examination Debate Association National Championship twice.

West Georgia Athletics

Intercollegiate athletics has a long and proud history at the University of West Georgia. UWG has produced many All-America, all-region and all-conference student-athletes while its teams have excelled on the laying field.

Among the program's most notable distinctions is being the only college or university in Georgia to have won a national championship in both football and men's basketball. Also, with new on-campus venues under construction for men's and women's basketball, volleyball, football, softball and soccer, UWG Athletics stands on the verge of its most exciting era ever.

At present, West Georgia fields teams in 11 intercollegiate sports. For women, UWG's teams include volleyball, cross country, soccer, basketball, softball and golf. The Wolves' men's programs include football, basketball, golf, cross country and basketball.

West Georgia is a member of NCAA Division II and competes in the Gulf South Conference.

Intramurals and Recreational Sports

Opportunities for recreation, social contacts, and healthful exercise are provided by the University through an excellent intramural program. All students and faculty are urged to participate in these programs, which provide a variety of team, co-ed, and individual sports. The Campus Center houses a gymnasium, climbing wall, fitness room, and a game room. Adventure outings are offered each semester to students, faculty, and staff that include activities such as: backpacking; camping; canoeing; fishing; hiking; kayaking; rock climbing; sailing; and skin-diving. An annual trip to Kagushima, Japan, is offered for two weeks in the late spring or early summer.

Student Media

Student publications include two campus-wide media, *The West Georgian*, an award-winning weekly campus newspaper, and *The Eclectic*, a literary magazine published each spring semester. Each of these publications has a student editor and student staff.

WUWG-FM, the university radio station and a Peach State Public Radio affiliate, is staffed by students and provides entertainment and information for the campus and surrounding area as well as valuable instruction and experience

for students in the mass communications field. Students interested in television production create programs at UTV which air over the local cable channel.

Student Organizations

Student Government

Upon registration, each student becomes a member of the student body and is eligible to vote in student government elections. The governing organization for the student body is the Student Government Association, which fosters self-discipline, self-government, and constructive policies concerning scholastic and extra-curricular activities. Through student government, students work within the Faculty Senate committee structure on matters of direct concern to the student body.

The Student Government Association is composed of Executive, Legislative (Student Congress), and Judicial (Judiciary Commission) branches.

Religious Organizations

Various religious organizations assume responsibility for directing religious activities on campus, encouraging attendance at the house of worship of one's choice, endeavoring to instill in students a deeper understanding of their faith, and engaging generally in programs of religious emphasis.

Student religious organizations at West Georgia include the Baptist Collegiate Ministries, Christian Campus Fellowship, A Place of Refuge, Catholic Student Life, Muslim Student Alliance, Latter Day Saint Student Association, Jewish Student Group, Wesley Foundation, and Realm.

Departmental Organizations and Professional Fraternities

Accounting Club
 Alpha Kappa Psi (Business Administration)
 American Chemical Society
 American Medical Student Association
 Anthropological Society
 Association for Research and Creative Humanities
 Association of Computing Machinery
 CMENC
 Finance Club
 Georgia Association of Nursing Students
 Geoscience Club
 Lambda Alpha Epsilon (Criminology Club)
 Management Club
 Mass Communications Society
 Minority Association of Pre-Health Students
 National Student Speech Language Hearing Association
 Philosophical Society
 Physical Education Club
 Sports Management Society
 Student Council for Exceptional Children (Special Education)
 Student Fashion Association
 Students in Free Enterprise

Honor Organizations

Accounting Honor Society

Alpha Kappa Delta (Sociology Honor Society)
Alpha Lambda Delta (Freshman Honor Society)
Beta Gamma Sigma (National Business Honor Society)
Delta Omega Chi (Pre-Med Honor Society for Juniors and Seniors)
Gamma Sigma Alpha (Greek Academic Honor Society)
Gamma Theta Upsilon (Geography Honor Society)
Ingram Scholars (Academic Honor Group)
Kappa Delta Pi
Kappa Mu Epsilon (Mathematics Honor Society)
Kappa Pi
National Residence Hall Honorary
Nursing Honor Society
Omicron Delta Kappa (Leadership Honor Society)
Order of Omega (Greek Leadership Honor Society)
Phi Alpha Theta (History Honor Society)
Phi Delta Kappa (Education Honor Society)
Phi Epsilon Kappa (Physical Education)
Phi Eta Sigma (Freshman Men's Honor Society)
Phi Kappa Phi (Scholastic Honors)
Phi Sigma Iota (Foreign Language Honor Society)
Phi Sigma Pi
Pi Alpha Alpha (Public Affairs Honor Society)
Pi Gamma Mu (Social Science Honor Society)
Pi Sigma Alpha (Political Science)
Presidential Scholars
Rho Lambda (Panhellenic Leadership Society)
Sigma Alpha Iota (Music, Women)
Sigma Phi Omega (Sociology)
Sigma Pi Sigma
Sigma Tau Delta (English)
Student Honors Council

Other Student Groups and Organizations

Achievers
African Student Association
Alpha Phi Omega
Alpha Phi Sigma
Aviation Club
Beta Gamma Sigma
Black Student Alliance
Eclectic Literacy and Art Magazine
Entertainment Group
Fellowship of Christian Athletics
Honors Council
International Student Club
Japanese Culture Club
Judo Club
Lambda
Latino Cultural Society

NAACP
National Society of Collegiate Scholars
Phi Delta
Sigma Tau Delta
Student Activities Council
College Republicans
United Voices Gospel Choir
University Ambassadors
Young Democrats

National Pan-Hellenic Council

Iota Phi Theta
Kappa Alpha Psi
Phi Beta Sigma
Omega Psi Phi
Sigma Gamma Rho
Zeta Phi Beta

Interfraternity Council

Alpha Tau Omega
Chi Phi
Delta Chi
Kappa Alpha Order
Kappa Sigma
Pi Kappa Alpha
Pi Kappa Phi
Sigma Nu
Tau Kappa Epsilon

Pan-hellenic Council

Alpha Gamma Delta
Alpha Xi Delta
Chi Omega
Delta Delta Delta
Kappa Delta
Phi Mu

III. EXPENSES

Business Policy

Application Fees and Deposits

Tuition and Other Student Fees

Breakage Deposits and Special Fees

Table of Charges

Fees

Special Students and Auditors

Activity, Athletic, Transportation, Community Center, Health, and

Tech Fees

Room Charges per Semester

Meal Charges per Semester

Other Charges

Refunds

HigherOne Card

Reduced Loads

Constitutional Amendment No. 23

Resident and Non-Resident Status Defined

EXPENSES

Business Policy

The University year is divided into two semesters of approximately fifteen weeks each and a summer semester of approximately eight weeks. Expenses are charged and payable by the semester since each semester constitutes a separate unit of operation. A student may enroll at the beginning of any semester.

Students are responsible for meeting all financial obligations to the University when they fall due. West Georgia reserves and exercises the right to deny admission, to withhold transcripts and other educational records, to cancel the enrollments of students, and to delay the graduation of students who fail to meet promptly their financial obligations to the institution. Each student is responsible for keeping informed of all registration and fee payment dates, deadlines, and other requirements, by referring to the official calendar and announcements published in the *Scoop* and other printed and posted announcements. Students who fail to satisfy financial obligations in a timely manner will be referred to an outside collection agency and will be held responsible for any additional charges not to exceed 33.32% associated with the collection of an unpaid debt.

To ensure that financial operation is in conformity with the policies of the Board of Regents, certain regulations must be observed. Fees and charges must be paid by the published deadlines. Fees and charges may be paid in cash, by VISA or MasterCard, or by check in the exact amount of the students' bill. If any check is not paid on presentation to the bank on which it is drawn, a service charge of \$25 or 5%, whichever is greater, will be made. When one fee check or two non-fee checks have been returned by any student's bank without payment, his check cashing privileges will be suspended. Registration at the beginning of each semester is not complete until all fees and charges have been paid. If a student's fee check is returned for non-payment by his bank, his registration is subject to cancellation and a late fee of \$75 will be due in addition to a service charge of \$25 or 5%, whichever is greater.

Personal checks made out to CASH, with proper identification, may be cashed at the cashier's window in an amount not to exceed \$40.

Application Fees and Deposits

Application Fee

An application fee of \$30 is required for all students applying for the first time. This should be submitted with the official application. It is non-refundable.

Reservation and Damage Deposit

A deposit is currently required to be remitted with the residence hall contract to serve as a reservation and damage deposit. This deposit must be on file every semester the student is enrolled and lives on campus.

The room reservation and damage deposit will be refunded unless otherwise forfeited or used for damages. If the University is unable to make a room assignment, the full deposit will be refunded. Deposits will also be refunded if an entering student submits written notification of cancellation to the Residence Life Office 10 days prior to the beginning of the semester. If the student notifies the Residence Life Office in writing after the 10th day prior to the semester, the student will be released from the contract, but the deposit will be forfeited. The room reservation and damage deposit will also be forfeited if a student fails to

check out properly of an assigned room through the Residence Life Office, including the returning of keys, when leaving West Georgia for any reason.

Key Deposit-Residence Halls

There is no key deposit; however, should a key be lost or stolen, the compromised lock must be changed at a cost of \$30 to the student. Should the key be broken through circumstances beyond the control of the student, a replacement key will be provided at no charge. Keys must be returned to the Residence Life Office when the student checks out of his or her residence hall. Duplication or possession of unauthorized keys by a student is prohibited.

Tuition and Other Student Fees

All students pay the established in-state tuition, health, athletic, activity, technology, community center, and transportation fees which are included in the figures shown below. Each student is entitled to admission to most of the entertainment and athletic events sponsored by the University. The University newspaper is available to all students. The shuttle bus is available to all students.

Student technology fees support the use of technology in the academic areas on campus. This includes the campus network, campus Internet access, computer labs used for teaching classes, and other technology support used in the academic process.

Breakage Deposits and Special Fees

A few courses require special fees, such as private music lessons, aquatic, art and science courses. The catalog description of a course indicates the amount of any special fee that may be required.

No laboratory breakage deposit fees as such are charged; however, students will be held responsible for any breakage they cause.

Table of Charges

Registration at the beginning of each semester is not complete until all fees and charges have been paid.

Fees and charges are due by the published deadlines. A late fee is charged for late registration.

The student should NOT bring a lump-sum check for all his/her expenses. It is advisable to make separate checks as follows:

1. Payable to University of West Georgia for fees, room, and board
2. Payable to University of West Georgia for books (Cost approximately \$600)

Note: The following are semester rates that are in effect for the 2007/08 academic year. Tuition and fees increase each year effective in Fall Semester. These increases are not approved in time for publication.

Tuition for Students who enrolled prior to Fall 2006:

UnderGrad GA Residents:

\$106.00/per credit hour up to 11 hours and \$1,268.00 for 12 or more hours

UnderGrad Non-Residents:

\$423.00/per credit hour up to 11 hours and \$5,072.00 for 12 or more hours

Grad Student GA Residents:

\$127.00/per credit hour up to 11 hours and \$1,522.00 for 12 or more hours

Grad Students Non-Residents:

\$508.00/per credit hour up to 11 hours and \$6,086.00 for 12 or more hours

Tuition for Freshmen Students Entering FY 2007;

GA - Residents:

\$107.00/per credit hour up to 11 hours and \$1,280.00 for 12 or more hours

Non-Residents:

\$427.00/per credit hour up to 11 hours and \$5,121.00 for 12 or more hours

In addition to the above the following mandatory fees:

Activity Fee - \$3.75/per credit hour up to 11 hours and \$45.00 for 12 or more hours

Athletic Fee - \$11.50/per credit hour up to 11 hours and \$138.00 for 12 or more hours

Transp Fee - \$3.84/per credit hour up to 11 hours and \$46.00 for 12 or more hours

Comm Center - \$8.33/per credit hour up to 11 hours and \$100.00 for 12 or more hours

Health Fee - assessed at a flat rate of \$71.00 for any student enrolled in 5 or more hours

Tech Fee - assessed at a flat rate of \$50.00 for any student enrolled in 1 or more hours.

All tuition charges, board, room rent, or other charges are subject to change at the end of any academic term. (See issue of the *Scoop* for current fees and charges.)

Students registering for programs conducted at off-campus centers should note that:

- In the case of full-time students taking classes off and on campus, the maximum tuition is the full-time rate for on campus. For students taking less than a full-time load, the above hourly rates apply.
- Off-campus students are required to pay the technology fee of \$50.

Room Charges Per Semester

Boykin, Downs, Gunn, Pritchard, Watson, Bowdon, Roberts, Row, Tyus, and Strozier Annex:

2 to a room \$1,229-1,402

For a private room, when available, add \$630 to above charges.

A \$10.00 social fee is assessed each semester to each resident. The social fee is used to support residence hall activities.

Meal Charges Per Semester

Six meal plans are available for purchase, combining use at the Z-6 Dining Hall, Centre Café, Food Court, Quiznos, Java City (TLC), and Java City (Ed.Center). All freshman students living on campus are required to purchase option #2 or #3. Upperclassmen and commuters have all 6 plans from which to choose.

Food service is available in the Centre Café on a cash basis to students arriving on campus prior to registration for orientation and other purposes. Meals are served to holders of meal plans at the Z-6 Dining Hall beginning on the day following residence hall opening and throughout the semester until noon of the last day of final exams, except for scheduled holidays. Remaining Dining Dollars will be carried over if enrolled in next semester through Spring. Students will

forfeit any balance left in a Debit account at the end of spring semester if the student is not enrolled summer term.

Special attention should be given in the selection of meal plans since changes will not be permitted after the drop-add period at the beginning of each semester.

1. Debit (Commuter) Plan (cash only) \$200 min.
2. Wolves Membership, 14 meals weekly
(includes \$200 dining dollars) \$1393
3. Pack Unlimited Membership, unlimited meals
(includes \$150 dining dollars) \$1506
4. Budget Membership, 5 meals per week
(includes \$100 dining dollars) \$529
5. Block 50 (50 meals per semester) \$263
6. Block 20 (20 meals per semester) \$112

Note: Freshmen students living on campus are required to select a meal plan from option #2 or #3.

Other Charges

Late Registration Fee (non-refundable)	\$75
Graduation Fees: Undergraduates	\$15
Graduate:	\$15
(must be paid at the time of application)	
Applied Music Fee	\$38 per credit hour
Transcript Fee Walk-in Service (each copy)	\$10
I.D. Card (Replacement)	\$20
Inactive HigherOne Card (Replacement)	\$15
Assessed by the Wolves Card Office	
Active HigherOne (Replacement).....	\$20
Assessed by the Wolves Card Office	
Return Check Service Charge	5% or \$25 whichever is greater
Meal Ticket Replacement	\$20
Aquatic Fee.....	\$8 per course
Biology/Chemistry Lab Fee	\$35 per course
CHEM 1151K, 1152K, 1211K, 1212K	\$63 per course
Science Lab Courses	\$19-35 per course
Education: Student Teaching Internship Fee.....	\$50-250 varies per course
Education: Practicum Fee	\$50 per credit hour
Studio Art Fee	\$15-60 varies per course
Art History/Appreciation Fee	\$10 per course
eCore Fees (separate fee)	\$144 per credit hour
Teacher Education Background Checks.....	\$10 per course
English selected courses	\$10-35 per course
Physical education selected courses.....	\$5-311 per course
Nursing Practicum Fee and Clinical experience.....	\$50 per course
Nursing Testing Fee	\$330 per course
Mass Comm/Theater Fee	\$10-40 per course
Other Science Lab Fee	\$45 per course
Computer Science Lab Fee	\$45 per course
Nursing Lab Fee	\$19 per course
Education Jr/Sr Block Courses	\$50-100 varies per course
First Aid & CPR	\$5 per course

Golf, Skiing, Snowboarding	\$43-311 varies per course
SPMG 2600, 3660, 3663, 4584, 4665	\$10-20 per course

Refunds

The refund amount for students who formally withdraw from the Institution shall be based on a pro rata percentage determined by the number of calendar days in the semester that the student completed along with the total number of calendar days in the semester. The unearned portion shall be refunded up to the 60% point in time. Students who withdraw after the 60% point in time are not entitled to a refund of charges. All refunds will be issued through the HigherOne Debit card.

When a student withdraws from school during the semester, the damage deposit is refunded after deductions for damages or special cleaning, and a room charge refund is on the same basis as the matriculation refund. If a student leaves the residence hall and does not withdraw from school, he/she is still held responsible for the remainder of the yearly room charge. Students wishing to be considered for a housing release must apply at the Office of Residence Life.

If a student withdraws during a semester, refund of board charges is made on a prorated basis, determined by the date of official withdrawal.

Refunds will be made approximately at the end of the sixth week of the semester. All refunds will be issued through the HigherOne Debit card.

A refund of all semester non-resident fees, matriculation fees, and other required fees shall be made in the event of a death of a student at any time during an academic semester.

Students who are members of the Georgia National Guard or other reserve components of the Armed Forces who receive emergency orders to active military duty are entitled to a full refund of matriculation fees paid for that semester, in accordance with guidelines previously listed.

For Financial Aid recipients, in order to meet Federal regulations, all refunds are credited back to the Federal Title IV programs, state programs, private, and institutional programs in the following order: Direct Stafford Loans, Federal Perkins Loans, Direct PLUS Loans, Federal Pell Grants, Federal SEOG, and other Title IV assistance, state, private, or institutional aid. Any refund remaining after these programs have been reimbursed goes to the student. All refunds will be issued through the HigherOne Debit card.

What is the HigherOne Card?

The West Georgia OneCard functions as a MasterCard Debit Card, which is accepted by more than 31 million merchants worldwide. It can serve as a primary bank account while allowing cardholders to get cash from ATMs, write checks, send and receive money electronically, and monitor their accounts online. Students will also be able to receive their financial aid refunds electronically through this system.

You will receive your HigherOne cash card in the mail approximately 10 days after you register. **Do not throw this away!** You must activate this card in order to receive the following financial disbursements from West Georgia:

- any financial aid balance refunds
- refunds from dropped classes
- refunds from early withdrawals
- scholarships
- other refunds

Your Hope book check will still come as paper check.

The HigherOne card is a true debit card in that any funds that reside on this card can be spent at any world-wide merchant that accepts debit cards. However, the only locations currently on campus where you can use the funds on this card are:

- University bookstore
- Pay fees at business office
- All campus food locations
- The card office (card replacements and faxes)

If you order a replacement HigherOne card via the web, with HigherOne customer service, or at The Card Office located in the UCC you will be assessed a \$20 replacement fee by HigherOne. The replacement fee is non-refundable.

For any questions about HigherOne, please call **1-866-894-1141** or go online to <https://westgeorgiaone.higheroneaccount.com/>.

Reduced Loads

Partial refunds for reduced loads are not made unless such reduction results from action of the University.

Constitutional Amendment No. 23

Pursuant to the provisions of an amendment to the Georgia Constitution adopted on November 2, 1976, the Board of Regents established the following rules with respect to enrollment of persons 62 years of age or older in units of the University System. Persons 62 years of age or older who meet the following provisions are exempt from payment of certain fees for resident credit:

1. Must be residents of Georgia, 62 years of age or older at the time of registration, and must present a birth certificate or other comparable written documentation of age to enable the Registrar to determine eligibility.
2. May enroll as regular students in courses offered for resident credit on a space available basis without payment of fees, except for supplies or laboratory or shop fees. Space available will be determined by the institution. Students enrolled for credit that elect to participate in the campus health program, student activities program, or to use the parking facilities may be required to pay the appropriate fees.
3. Must meet all System and institutional admission requirements to include high school graduation, SAT scores, and Learning Support.

Regents' Policies Governing the Classification of Students as In-State and Out-Of-State for Tuition Purposes

A. United States Citizens

1. a. An independent student who has established and maintained a domicile in the State of Georgia for a period of at least 12 consecutive months immediately preceding the first day of classes for the term shall be classified as "in-state" for tuition purposes.

It is presumed that no student shall have gained or acquired in-state classification while attending any postsecondary educational institution in this state without clear evidence of having established domicile in Georgia for purposes other than attending a postsecondary educational institution in this state.

- b. A dependent student shall be classified as "in-state" for tuition purposes if either i) the dependent student's parent has established and

maintained domicile in the State of Georgia for a least 12 consecutive months immediately preceding the first day of classes for the term and the student has graduated from a Georgia high school or ii) the dependent student's parent has established and maintained domicile in the State of Georgia for at least 12 consecutive months immediately preceding the first day of classes for the term and the parent claimed the student as a dependent on the parent's most recent federal income tax return.

- c. A dependent student shall be classified as "in-state" for tuition purposes if a U.S. court-appointed legal guardian has established and maintained domicile in the State of Georgia for at least 12 consecutive months immediately preceding the first day of classes for the term, provided that appointment was not made to avoid payment of out-of-state tuition and the U.S. court-appointed legal guardian can provide clear evidence of having established and maintained domicile in the State of Georgia for a period of at least 12 consecutive months immediately preceding the first day of classes for the term.
2. a. If an independent student classified as "in-state" relocates temporarily but returns to the State of Georgia within 12 months, the student shall be entitled to retain in-state tuition classification.
- b. If the parent or U.S. court-appointed legal guardian of a dependent student currently classified as "in-state" for tuition purposes established domicile outside of Georgia after having established and maintained domicile in the State of Georgia, the student may retain in-state tuition classification as long as the student remains continuously enrolled in a public postsecondary educational institution in the state, regardless of the domicile of the parent or U.S. court-appointed legal guardian.
- B. Non-citizens

Non-citizens initially shall not be classified as "in-state" for tuition purposes unless there is evidence to warrant consideration of in-state classification. Lawful permanent residents, refugees, asylees, or other eligible non-citizens as defined by federal Title IV regulations may be extended the same consideration as citizens of the United States in determining whether they qualify for in-state classification.

International students who reside in the United States under nonimmigrant status conditioned at least in part upon intent not to abandon a foreign domicile are not eligible for in-state classification.

TUITION DIFFERENTIAL WAIVERS

An institution may award out-of-state tuition differential waivers and assess in-state tuition for certain nonresidents of Georgia for the following reasons (under the following conditions):

- A. Academic Common Market. Students selected to participate in a program offered through the Academic Common Market.
- B. International and Superior Out-of-State Students. International students and superior out-of-state students selected by the institutional president or an authorized representative, provided that the number of such waivers in effect does not exceed 2% of the equivalent full-time students enrolled at the institution in the fall term immediately preceding the term for which the out-of-state tuition is to be waived.

- C. University System Employees and Dependents. Full-time employees of the University System, their spouses, and their dependent children.
- D. Full-time School Employees. Full-time employees in the public schools of Georgia or of the Department of Technical and Adult Education, their spouses, and their dependent children. Teachers employed full-time on military bases in Georgia shall also qualify for this waiver.
- E. Career Consular Officials. Career consular officers, their spouses, and their dependent children who are citizens of the foreign nation that their consular office represents and who are stationed and living in Georgia under orders of their respective governments.
- F. Military personnel. Military personnel, their spouses, and their dependent children stationed in or assigned to Georgia. The waiver can be retained by the military personnel, their spouses, and their dependent children if the military sponsor is reassigned outside of Georgia, as long as the student(s) remain(s) continuously enrolled and the military sponsor remains on active military status.
- G. Border County Residents. Residents of an out-of-state county bordering a Georgia county in which the reporting institution or a Board approved external center of the University System is located.
- H. National Guard Members. Full-time members of the Georgia National Guard, their spouses, and their dependent children.
- I. Students enrolled in the University System institutions as a part of Competitive Economic Development Projects. Students who are certified by the Commissioner of the Georgia Department of Industry, Trade, & Tourism as being part of a competitive economic developmental program.
- J. Students in Georgia-based Corporations. Students who are employees of Georgia-based corporations or organizations that have contracted with the Board of Regents through University System institutions to provide out-of-state tuition differential waivers.
- K. Direct Exchange Program Students. Any international student who enrolls in a University System institution as a participant in a direct exchange program that provides reciprocal benefits to University System students.
- L. Economic Advantage. As of the first day of classes for the term, an economic advantage waiver may be granted to a dependent or independent student who can provide clear evidence that the student or the student's parent, spouse, or U.S. court-appointed guardian has relocated to the State of Georgia to accept full-time, self-sustaining employment and has established domicile in the State of Georgia. Relocation to the state must be for reasons other than enrolling in an institution of higher education. This waiver will expire 12 months from the date the waiver was granted.
As of the first day of classes for the term, an economic advantage waiver may be granted to a student possessing a valid employment-related visa status who can provide clear evidence of having relocated to the State of Georgia to accept full-time, self-sustaining employment. Relocation to the state must be for reasons other than enrolling in an institution of higher education. These individuals would be required to show clear evidence of having taken all legally permissible steps toward establishing legal permanent residence in the United States and the establishment of legal domicile in the State of Georgia. Students currently receiving a waiver who are dependents of a parent or spouse possessing a valid employ-

ment-sponsored visa may continue to receive the waiver as long as they can demonstrate continued efforts to pursue an adjustment of status to U.S. legal permanent resident (BR Minutes, June 2006).

- M. Recently Separated Military Service Personnel. Members of a uniformed military service of the United State who, within 12 months of separation from such service, enroll in an academic program and demonstrate an intent to become a permanent resident of Georgia. This waiver may be granted for not more than one year (BR Minutes, June 2004).
- N. Nonresident Student. As of the first day of classes for the term, a nonresident student whose parent, spouse, or U.S. court-appointed legal guardian has maintained domicile in Georgia for at least 12 consecutive months so long as the student can provide clear evidence showing the relationship to the parent, spouse, or U.S. court-appointed legal guardian has existed for at least 12 consecutive months immediately preceding the first day of classes for the term.

If the parent, spouse, or U.S. court-appointed legal guardian of a continuously enrolled nonresident student establishes domicile in another state after having maintained domicile in the State of Georgia for the required period, the nonresident student may continue to receive this waiver as long as the student remains continuously enrolled in a public postsecondary educational institution in the state, regardless of the domicile of the parent or U.S. court-appointed legal guardian (BR Minutes, June 2006).

A student is responsible for registering under the proper residency classification. A student classified as out-of-state who believes that he/she is entitled to be reclassified as in-state may petition the Registrar for a change in status. The petition must be filed by the deadline in the *Scoop* in order for the students to be considered for reclassification for that semester. If the petition is granted, reclassification will not be retroactive to prior semesters. The necessary forms for this purpose are available in the Registrar's office.

A student whose reclassification petition is denied by the Registrar may, within five working days or a calendar week, appeal that decision. Complete appeal procedures are available from the Offices of the Registrar and the Vice President for Student Services.

IV. ADMISSION

General Policies

Undergraduate Application and Document Deadline Dates

University Admission Standards

Beginning Freshmen

Home Schooled or Non-Accredited High School Applicant

Adult, Non-Traditional Applicant Status

English Placement

Mathematics Placement

The Advanced Academy of Georgia

Senior Enrichment/Gifted Junior Programs

ACCEL Program

Advanced Placement/CLEP/Departmental Placement Exams/
Cambridge International/IB Exams

Honors College

Transfer Student

Transient Student

Teacher Certification Students and Unclassified Student

Auditor Student

International/Permanent Resident Students

Enrollment of Persons 62 Years of Age or Older

Readmission of Former UWG Students

Graduate Students

Definition of "Georgia Resident"

ADMISSION

General Policies

The admissions policy of West Georgia is designed to admit students who will have a reasonable chance of success and who seemingly will profit from the educational program of the University. A student is considered for admission without regard to race, creed, sex, marital status, or national origin. Application forms may be obtained from the Admissions Office and are available from many high school guidance counselors. An admission application also can be found at www.westga.edu. For information on specific categories of admission, contact the Admissions Office at West Georgia. For additional admission requirements regarding specific majors, consult the particular department area of this catalog.

Every applicant must submit a formal application to the Admissions Office along with a \$30 non-refundable application fee. (Georgia residents 62 years of age or older are not required to pay the application fee.) Entering freshmen are encouraged to complete application procedures during the first half of their senior year in high school. Transfer students and others are encouraged to apply from one year to one semester in advance of the desired date of admission.

June 1 is the fall semester application and document submission deadline date. Deadline date for spring semester is November 15; summer semester—May 15. The Admissions Office operates a rolling admission program; in other words, applications are processed and students are accepted on a revolving, continuing schedule. As soon as all items required in support of a student's application are received, the application is evaluated and the student is notified of a decision regarding admission. All required items must be received before a student will be allowed to register for classes.

The University may require the applicant to visit the campus for an interview, to supply further biographical information, or to take psychological, achievement, or aptitude tests before being accepted or rejected. The applicant will be notified of any such requirements. Students entering any unit of the University System of Georgia are required to provide official documentation of immunization prior to registration.

Acceptance or denial of each application is determined by the Director of Admissions, subject to the right of appeal as outlined by the University and as provided in the Bylaws of the Board of Regents of the University System. Information outlining the appeals procedure may be obtained from the Admissions Office or from the *Student Handbook*. An applicant should contact the Director of Admissions regarding details of the appeals procedure.

Residence hall applications are sent to students approximately two weeks after being accepted by the Admissions Office, and arrangements for campus housing are made through the Residence Life Office.

Applicants who fail to enroll for the semester for which they are accepted must reapply for admission if they wish to enter the institution at a later time. Assurance for one term does not guarantee acceptance for a future term.

Admissions files of those who apply and do not enroll are kept in the Office of Admissions for 12 calendar months. An applicant may update his/her application file within 12 months by calling the Office of Admissions. Applicants who apply and do not enroll may update their initial application two times. After two updates, an additional application fee will be required for each subsequent update term.

Students furnishing the University with false, incomplete, or misleading information relating to their application or academic record will be subject to rejection or dismissal.

Immunization Requirements: Effective Spring Semester 2005, the list of required immunizations for new students entering a state public college/university has been updated as required by the Georgia Board of Regents' policy. The policy, implementation, guidelines, and the chart of required immunizations can be found at http://www.usg.edu/student_affairs/immun/ Students who have previously attended a state public college/university are not exempt from this updated, revised immunization policy. Questions regarding the new immunization policy should be directed to the UWG Office of Student Health Services

Undergraduate Application and Document Deadline Dates

The following undergraduate application and document submission deadline dates are strictly enforced:

Fall Semester – June 1

Spring Semester – November 15

Summer Semester – May 15

Applications files incomplete after the terms/dates listed above will not be processed for admission but may be updated - per student request to Office of Admissions - to a future term.

University Admission Standards

It is recommended that prospective applicants to West Georgia contact the Undergraduate Admissions Office for specific requirements well in advance of their entrance date. Admission standards are subject to review and change. In addition to admissions requirements as stated elsewhere in this section, applicants who are permanent residents and/or not citizens of the United States should refer to the admissions requirements as outlined under *International/Permanent Resident Students*.

Beginning Freshman

A freshman applicant is one who has not previously attended a regionally accredited college or university and/or has not yet graduated from high school. Freshman admission is based on standardized test scores, such as the SAT or ACT, high school grade point average (HSGPA) in college preparatory subjects, College Preparatory Curriculum (CPC), and Freshman Index (FI).

A Freshman Index (SATCR + SATM + [HSGPA x 500]) — or for ACT scores, (HSGPA x 500) + (ACT Composite x 42) + 88 — is used in combination with the College Preparatory Curriculum in the admissions decision. The Freshman Index may change one academic year to the next; therefore, students should contact the Office of Admissions for requirements. Students must have completed CPC requirements as outlined in item 2 which follows.

1. High school graduation with a college preparatory diploma is required for admission as a beginning freshman. Both completion of the University System's College Preparatory Curriculum (CPC) and graduation must be from a high school accredited by (a) a regional accrediting association such as the Southern Association of Colleges and Schools (SACS), (b) The Georgia Accrediting Commission, (c) Georgia Private School Accrediting Council, or (d) a public school regulated by a school system and state department of education. A student applying while in high school should have a transcript

of work through the junior year sent to the Admissions Office at the time of application. This record should indicate the courses for which the student is currently enrolled.

- The University System of Georgia requires completion of a College Preparatory Curriculum for admission. Freshmen and transfer freshmen applicants must complete the following coursework to be admitted to the University:

Course (Units)	Instructional Emphasis
English (4)	-Grammar and usage -Literature (American & World) -Advanced composition skills
Science (3)	-Physical Science -At least two laboratory courses from Biology, Chemistry, or Physics
Mathematics (4)	-Including Algebra I, Geometry, Algebra II, and a higher math that has Geometry/Algebra II as a prerequisite
Social Science (3)	-American History -World History -Economics and Government, or appropriate substitution
Foreign Language (2)	-Two skill-building courses of the same language emphasizing speaking, listening, reading, and writing.

Additional courses selected from the following are also strongly recommended: humanities and literature, science and mathematics, foreign language, social science, and fine and performing arts.

- Each freshman applicant must submit scores earned on the College Entrance Examination Board's Scholastic Assessment Test (CEEB-SAT) or the American College Testing Program's ACT. Information regarding these tests may be obtained from any high school guidance office or any institution in the University System of Georgia. A freshman applicant cannot be accepted until the score is received. Fall applicants are encouraged to take the test by January.
- Minimum SAT/ACT score requirements for freshman or transfer freshman admission are:
SAT Critical Reading-430 and SAT Math-410; ACT English-17, and ACT Math-17.

It is the policy of the Office of Admissions to take a student's best Critical Reading/English and best math score should the student take the SAT or ACT more than once; however, SAT scores and ACT scores cannot be "mixed" in determining admission eligibility. **Note:** At the time of this printing, the SAT Writing and ACT Writing Test scores were under review for fall 2009 freshman admission.

- In addition to the minimum test score requirement, a minimum Freshman Index of 2050 is required for freshman and transfer freshman admission.
- A high school senior who is earning college credit in a joint enrollment program while completing the senior year should apply to West Georgia as a beginning freshman but should indicate enrollment in a joint enrollment program on the application for admission. West Georgia will grant transfer credit for this work under the following conditions: (1) Work must be earned

through an accredited college. (2) Individual courses must meet the normal guidelines for acceptability (see Transfer Student). (3) While jointly enrolled, the student must have had a combined SAT score of 970 or a 20 composite ACT and a 3.0 academic grade point average in high school. (4) The student must also have completed the College Preparatory Curriculum.

7. Students with SAT I Critical Reading scores of at least 530 or ACT English scores of 23 who have not completed the final unit of high school English and/or social studies may be permitted to fulfill these high school requirements with the appropriate college courses taken through the joint enrollment or early admission program.
8. Students with SAT I Math scores of at least 530 or ACT Math scores of 22 who have not completed the final unit of high school mathematics may be permitted to fulfill these high school requirements with the appropriate college courses taken through the joint enrollment or early admission program.

Students whose high school records and CEEB-SAT or ACT scores indicate that their academic preparation will not be adequate to insure them a reasonable chance of success will be denied admission. It is recommended to these students that they explore the possibility of strengthening their academic backgrounds through work at one of Georgia's two-year public institutions. Success there may be used as a basis for consideration of transfer admission at a later date.

Home Schooled or Non Accredited High School Applicant

Students who are home schooled or graduate from a non accredited high school may apply for admission to UWG provided their SAT I Composite (Critical Reading + Math) score is equal to or greater than the average SAT score of the previous fall freshman class.

For Fall Semester 2007, the UWG average freshman total SAT score was 1009. The equivalent ACT Composite score is 21.

In addition, applicants must meet the minimum required SAT Critical Reading score of 430 and minimum SAT math score of 410. The ACT minimum equivalent scores are English-17 and math-17. (SAT and ACT scores cannot be "mixed" in determining admission eligibility.)

If the minimum required SAT or ACT requirements are fulfilled, an admission application may be submitted to the Office of Admissions. A \$30 application fee is required for all new applicants.

In lieu of a high school transcript, home school applicants and applicants from non accredited high schools must present to the Office of Admissions an Academic Portfolio detailing all 16 required college prep courses in the subject areas of English, math, science, social science, and foreign language. Courses in progress should be so noted.

An Academic Portfolio can be best described as 16 "booklets" detailing each of the required college prep high school courses. Each "booklet" must include the following information:

- Complete course title
- Length of time of course, date completed/will complete
- Course description, course syllabus
- Textbook/materials used
- Primary teacher/instructor for course
- Examples of coursework, tests, home work assignments, etc to demonstrate course proficiency

Once a completed admission application, \$30 application fee, SAT or ACT scores, and Academic Portfolio are received in the Office of Admissions, the home school applicant's Academic Portfolio is forwarded to the UWG Academic Portfolio Review Committee. The Committee will review each of the portfolio "booklets" to determine if the applicant has fulfilled the college prep course requirements. Please allow four weeks for the Committee to complete their review.

Upon completion of their review, the Academic Portfolio Review Committee will advise the Office of Admissions on the student's academic standing as related to completion of the required college prep high school courses for freshman admission. The applicant is then notified by the Office of Admissions of their admission status. An interview with the UWG Admissions Committee may be required before an admission decision is determined. The Office of Admissions will notify the home school applicant if an interview is required.

Special Notes:

1. Official transcript(s) are required if the home school applicant has attended an accredited high school for any coursework in grades 9-12.
2. April 1 is the recommended deadline for submitting application/academic portfolio information for fall (August) or summer (June) admission review. November 1 is the recommended deadline date for spring (January) admission review.
3. Transfer applicants who were home schooled or graduated from an unaccredited high school, and who have earned less than 30 credits, transferable semester hours at the time of UWG admission application, must meet freshman admission requirements as described above including submission of high school academic portfolio.
4. The following deadline dates are strictly enforced for submitting required documents to complete an applicant's admission file: Fall- June 1; Spring- November 15; Summer- May 15.

Adult, Non-Traditional Applicant Status

In order to make the University more accessible to citizens who are not of traditional college-going age and to encourage a higher proportion of Georgians to benefit from life-long learning, the adult, non-traditional admission status has been created.

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

1. high school class graduated at least five years ago;
2. hold a high school diploma from an accredited high school or approved high school (see "Beginning Freshman," #1) or have satisfactorily completed the GED;
3. have earned fewer than 30 transferable semester college credit hours (if previously attended a regionally accredited college/university); and
4. have not attended college within the past five years (or in good standing at the last college attended if admitted to that college as a non-traditional student).

Adult, non-traditional applicants will be exempt from SAT/ACT score requirements, college preparatory high school course requirements, and Freshman Index requirements; however, adult non-traditional accepted applicants must be screened for placement in Learning Support courses by taking diagnostic tests in English, reading, and math.

Adult, non-traditional students who are required to take the placement test battery will be notified by the Admissions Office and will be sent information regarding procedures for taking these diagnostic tests. An adult, non-traditional student who does not earn the required score on a particular part of the placement battery must enroll in the appropriate Learning Support courses.

Learning Support courses are ENGL 0099, Basic Composition; MATH 0097, Beginning Algebra; MATH 0099, Intermediate Algebra; and READ 0099, Improvement of Reading. To complete Learning Support requirements, a student must earn an acceptable score on an alternate form of the appropriate diagnostic test. Learning Support courses do not apply toward graduation.

English Placement

Students whose SAT Critical Reading is at least 430, but less than 570 will take English 1101. Likewise, students whose ACT English is at least 17, but less than 25 will take English 1101.

Any student who scores a minimum 570 on the SAT Critical Reading (ACT 25) and has at least a 3.0 academic grade point average is eligible to write the English Exemption Essay. Based on this test score, a student can exempt English 1101. English 1102 may also be exempted.

Note: At the time of this printing, the SAT Writing and ACT Writing Test scores were under review for possible English placement beginning with the high school graduating class of 2008.

Advanced placement with credit is offered through AP English courses taught in high school and the College Level Examination Program (CLEP), for which West Georgia is a testing center. Additional information is available through the Director of Testing, telephone 678-839-6435.

Mathematics Placement

Students whose SAT Math score is at least 410 but less than 480 or whose ACT Math score is 17-19 will take MATH 1101 or MATH 1111 as appropriate to their major unless approved for a higher core math course.

Any student who scores a minimum 480 on the SAT Math or 20 on the ACT Math and has completed at least four years of high school mathematics, including Algebra I, Algebra II, Geometry, and one year of Advanced Algebra and Trigonometry, may be eligible to exempt without credit MATH 1111 (College Algebra) or MATH 1113 (Precalculus). The beginning mathematics course will be determined by the student's major and background in consultation with an advisor. Exemption of MATH 1111 or MATH 1113 does not satisfy Core Curriculum requirements for mathematics. Every student must have at least 3 hours of mathematics credit in a course numbered 1101 or above.

Advanced placement with credit in mathematics courses is offered through AP mathematics courses taught in high school and the College Level Examination Program (CLEP), for which West Georgia is a testing center. Additional information is available from the Director of Testing, telephone 678-839-6435.

The Advanced Academy of Georgia

<http://www.advancedacademy.org/>

The Advanced Academy of Georgia is designed for exceptional high school-aged students who wish to participate in a full time, residential college experience. This program provides the opportunity to enroll in regular university course work for

credit while simultaneously completing high school requirements (in absentia). All students in The Academy are required to live in a designated campus residence hall and purchase a meal plan. The Academy offers an enriched residential component with academic advising tailored to the needs of its students.

- Combined SAT 1150 (or ACT 25)
- SAT Critical Reading 580 (or ACT English 25)
- SAT Math 530 (or ACT Math 22)
- High School Academic GPA 3.5

Students admitted to The Advanced Academy must have completed the necessary coursework to be considered on track in the College Preparatory Curriculum. Also required is a completed application that includes the written recommendation of their high school principal or guidance counselor, and the written consent of a parent or guardian, and two teacher recommendations.

No student who is required to participate in screening for learning support courses may be admitted. For more information or to apply for admission, contact the Director of The Advanced Academy, Honors House, 678-839-6249.

Senior Enrichment/Gifted Junior Programs

West Georgia offers two additional programs for high school students seeking to begin college early.

1. **Gifted Junior** is a program for high school juniors who live within commuting distance. Students are limited to 9 credit hours per semester and are not eligible to live in campus residence halls.
 - SAT Critical Reading 580 (or ACT English 25)
 - SAT Math 530 (or ACT Math 22)
 - High School Academic GPA 3.5

To be admitted as Gifted Juniors, students also must have successfully completed the following full year units of College Preparatory Curriculum: English-2, mathematics-2, science-1, and social sciences-1. Students also must be recommended in writing by the high school principal or guidance counselor and must have the written consent of a parent or guardian (if the student is a minor).

2. **Senior Enrichment** is for high school seniors who live within commuting distance. Students are not eligible to live in campus residence halls.
 - SAT Critical Reading 530 (or ACT English 23)
 - SAT Math 530 (or ACT Math 22)
 - High School Academic GPA 3.0

To be admitted as high school seniors, students also must have completed the necessary coursework to be considered on track in the College Preparatory Curriculum, must have the written recommendation of the high school principal or guidance counselor, and must have the written consent of a parent or guardian (if the student is a minor).

Note: Students with a combined SAT score of 1410 (or 700CR or 700M) are eligible to take appropriate courses as approved by the Director of the Advanced Academy and Director of Admissions.

To apply for admission to either of these programs, students should contact the West Georgia Admissions Office or their high school guidance counselor and complete the appropriate application for admission. No student who is required to participate in screening for learning support courses will be admitted. More

information is available from the Director of The Advanced Academy, Honors House, 678-839-6249.

Students who participate in the Senior Enrichment, Gifted Junior, or Advanced Academy programs must reapply for admission to the Office of Admissions should they wish to continue their enrollment at West Georgia following high school graduation. This reapplication for admission process should be completed prior to February 1st to be eligible for Fall Semester freshman academic scholarship consideration.

Accel Program

The Accel Program is for students classified as high school juniors or seniors at accredited public or private high schools throughout the state of Georgia, and it is offered during all school terms except summer. The program allows students to pursue postsecondary study at approved public, private, and technical colleges while receiving dual high school and college credit for courses successfully completed. Courses pursued by students under this program must come from the approved course directory available at the Georgia Student Finance Commission Website, which is supplied to high school counselors in the state. Courses are available only in the areas of core graduation requirements for college preparatory students: English, Math, Social Studies, Science, and Foreign Language. The program pays for tuition, mandatory fees, and provides students with a book allowance (in keeping with the benefits provided by the HOPE Program). Transportation and other expenses are the responsibility of the student, including tuition and associated expenses for non-core courses, if any are taken. Credit hours paid by the Accel Program for the student will count towards the limit of postsecondary hours paid for by the HOPE Program. Additional requirements and/or restrictions for participating in this program may be imposed by the high school.

Advanced Placement, College Level Exam Programs, Departmental Exams, Cambridge International “A” Levels, and International Baccalaureate (IB) Exams

The Advanced Placement (AP) Program is available through many high schools and enables a high-school student to earn credit toward college in a variety of subjects. Usually these courses are equivalent to college freshmen/sophomore-level courses such as American Government, World History, Composition, and so forth. College credit will be awarded based on standardized exams administered at the high schools in mid to late May. If you have questions, contact the Admissions Office.

High school students who earn AP exam scores of 3 or higher (on a scale of 1-5) on most exams and who submit official score reports to West Georgia's Admissions Office will automatically receive credit for coursework. Scores of 4 or higher are required to receive credit for history exams. Scores of 4 or 5 count as Honors College credit.

The College Level Examination Program (CLEP) is offered at West Georgia by appointment and allows persons to earn college credit by achieving appropriate cutoff scores on nationally standardized exams. Exams available cover a range of courses including English, math, history, government, literature, and sciences. Test registration information is available through the Testing Office (678-839-6435).

As with AP testing, CLEP is a great way to earn college credit. Not only will

a person save time by not having to take a course containing material he already knows, but he will also save money by not having to pay for a college class. Thus, CLEP enables a student to move through his or her freshman and sophomore years at a faster pace.

International Baccalaureate (IB) scores are also reviewed for possible college credit. Credit is awarded International Baccalaureate (IB) Higher Level tests with a score of 5 or higher. In some areas of study, credit is awarded for scores of 4. Credit is awarded IB Standard Level tests with a score of 6 or higher if the student completes the IB diploma. Please see specific course equivalencies on the Registrar's Office web page at <http://www.westga.edu/~registra/> Freshman and sophomore level credit is award for the Cambridge International "A" levels. Please contact the Assistant Registrar for Transfer Equivalency for more details.

Note: CLEP, AP, and IB scores for equivalent credit may be viewed on the UWG's Registrar's Website at <http://www.westga.edu/~registra/>

A few of the academic departments at West Georgia also offer the opportunity for credit by examination. The English Department, for example, allows persons who feel confident about their writing skills to write an essay evaluated by a departmental committee. If a passing credential is earned, the person will be allowed to exempt English 1101 and/or 1102, depending on the score. The Department of Foreign Languages and Literatures also allows students to exempt certain introductory foreign language courses. To receive credit by examination, the student must pay a fee of \$6/credit hour.

Test dates vary, so interested persons should contact the departments (English 678-839-6512; Foreign Language 678-839-6515) for details.

Honors College

<http://www.westga.edu/~honors/>

The Honors College is for students who have demonstrated academic success in high school. Entering freshmen who attain high scores on the SAT or the ACT, as well as a very good high school academic record in college preparatory courses, are automatically invited to become members of the program. For more detailed information, see Chapter VI, Honors College, or <http://www.westga.edu/~honors/>

Transfer Student

A transfer applicant is one who has been enrolled in any regionally accredited college or university. All previous college attendance must be reported at the time of application. Those who have earned fewer than 45 quarter hours/30 semester hours of transferable work or the equivalent will be asked to comply with both freshman and transfer requirements for admission.

A transfer applicant should request the registrar of *each* college or university he or she has attended to send a transcript to the Office of Admissions. Credits from one former institution appearing on the transcript of another institution can neither be officially evaluated for admission nor accepted for credit until a transcript has been received from the institution originating the credit.

Preferred Transfer Application and Document Deadline:

Fall Semester:	May 1
Spring Semester:	November 1
Summer Semester:	April 1

The Office of Admissions strongly encourages transfer students to submit the admissions application and all supporting official documents by the preferred deadline. This preferred deadline has been established to better serve the needs of transfer students and avoid delays in an admissions decision and transfer credit evaluation. Transfer students may still apply by the regular application deadline.

Transfer students will be considered for admission on the basis of their previous college records and such additional information as is pertinent to their academic abilities.

1. They must have a minimum cumulative grade point average of 2.0 in all college work attempted.
2. Students not meeting the minimum GPA requirement may be admitted if they hold an associate degree in a college transfer program from an accredited college and if they have not attempted any college coursework since completing the associate degree.
3. Students must be in good social and academic standing at their former institutions.
4. Students who have been enrolled in Learning Support or other remedial work required for university admission (not including Regents' Test remediation) while in attendance at other University System of Georgia institutions will be eligible to transfer to West Georgia only upon successfully completing and exiting all such requirements at their former institutions. Also, students not graduating with a college preparatory high school diploma must satisfactorily complete any subject deficiency requirements. The Director of Admissions may request applicants to present scores on the CEEB-SAT, the ACT, or other appropriate tests.
5. Transfer students will be subject to high school College Preparatory Curriculum regulations unless they have earned a minimum of 45 quarter hours or 30 semester hours of transferable credit in the Core Curriculum and have a minimum 2.0 GPA on these hours.
6. Admission acceptance by the Office of Admission does not guarantee admission to a specific program or department.

Transfer credit is normally awarded for all college work earned through any college or university approved by its regional accrediting association, so long as similar credit is offered at West Georgia. Credit earned at a post-secondary institution that is not regionally accredited may be accepted at West Georgia if the course work is similar to course work in the student's degree program at West Georgia and if the course work is deemed to be collegiate level work. Credit earned at proprietary schools and technical institutions that are not COC accredited is not reviewed for transfer. The following stipulations on the transfer of credit are upheld:

1. The amount of academic credit that the University will allow for work done in another institution within a given period of time may not exceed the normal amount of credit that could have been earned at the University during that time. The maximum number of academic hours accepted is 90 from all institutions. Not more than a combined total of 30 hours of extension, correspondence work and military education/training will be accepted.
2. According to Board of Regents policy, if a student transfers to West Georgia with an A.A. or A.S. degree from an institution within the University

System of Georgia, he/she will receive full credit for having completed Core Areas A – F. If the major differs between the A.A. or A.S. degree program and the major the student decides to pursue at West Georgia, there may be additional courses required at the 1000 or 2000 level that are specific to that degree major and/or are prerequisite for higher level courses that the student would have to take (example: Some majors require the student to have had Precalculus or Calculus I in order to enroll in some higher level courses in the program of study. If the student had College Algebra as a part of his/her A.A. or A.S. program, he/she would still receive credit for having completed the Math section of Area A of the Core, but he/she would still be required to take Precalculus or Calculus I to complete the requirements of the major.). The Core credit policy does not apply to career degrees (A.A.S. and A.S.); in those cases, each course is evaluated individually and credit is given in areas where comparable courses are offered at West Georgia, including some courses that may be counted as Core or electives.

3. Joint Enrollment Credit

College credit earned at an accredited institution prior to high school graduation will be considered as transfer credit if the student was enrolled as a joint enrollment/early admission student and had a minimum SAT I score of 970 (or ACT Composite of 20) and a HSGPA of 3.00 (B) on a 4.00 scale or if the student was a participant in an approved Early College program.

4. TRANSFERS FROM TECHNICAL COLLEGE SYSTEM OF GEORGIA COLLEGES

In January 2002, the Board of Regents and the Technical College System of Georgia entered into an agreement referred to as the “Mini-Core Project.” The agreement states that course credits for basic skills courses in English and mathematics with common course content will be transferable between schools in the University System of Georgia and COC-accredited institutions in the Technical College System of Georgia. Comparable placement and exit test results will be honored between the two systems as well. Specifically, the University System of Georgia will accept for transfer the following courses from COC-accredited institutions in the Technical College System of Georgia:

ENG 191 (with at least a grade of C) for ENGL 1101

ENG 193 (with at least a grade of C) for ENGL 1102

MAT 190 for MATH 1101

MAT 191 for MATH 1111

MAT 194 for MATH 1113

The transfer agreement is effective for students from COC-accredited Technical College System of Georgia institutions who have taken ENG 191 and/or MAT 190 or 191 since January 2002, and who meet the minimum test score requirements for exemption from developmental studies, or successfully complete and meet the minimum test score requirements for exit from developmental studies English and/or mathematics beginning January 2002. Courses other than those approved for the mini-core agreement will be evaluated on an individual basis for possible transfer credit.

In order to be eligible for mini-core transfer credit, students must have the following minimum COMPASS or ASSET scores for placement or exit:

Reading–	Writing–	Mathematics–
COMPASS 74	COMPASS 60	COMPASS 37
ASSET 41	ASSET 42	ASSET 42

Students with minimum SAT Critical Reading 430 (ACT 17) + Math 410 (ACT 17) + high school diploma/GED and four years of college prep English, Algebra I and II, and Geometry, and a college prep math higher than Algebra II will be exempt from placement testing. Students who are considering a transfer to West Georgia from a COC-accredited Technical College System of Georgia institution are advised to consult with an admissions counselor for additional details related to testing, placement, and Developmental Studies/Learning Support.

5. Students who apply for undergraduate admission and have attended a non-accredited institution will be requested to provide an official transcript from that institution. For the purposes of the evaluation of credit, the Admissions Office will request the student provide a catalog, course syllabi, and the names and credentials of the faculty who taught their courses. The student may be able to obtain this information from the institution's Website. The Admissions Office will forward all materials received to the Registrar's Office for review of credit. Lower division courses will be evaluated by the Registrar's Office and credit awarded based upon the materials provided by the student. The decision to award credit may be referred to the appropriate department in some cases. Upper division courses will be evaluated by the appropriate academic department. Departmental decisions on UWG equivalents are final. There is no appeal beyond the departmental level.
6. Provided all other stipulations regarding transfer credits are met, West Georgia will grant transfer credit for the following:
 - All courses with grades of "C" or better
 - All Core Curriculum courses earned at University System institutions with grades of "D" or better, with the exception noted in #6 below
 - Other courses with grades of "D" provided the average for all academic courses being transferred does not fall below "C"
7. A grade of "D" in English composition is not acceptable.
8. Credit for specific courses designated as major courses will not be allowed unless grades are "C" or above.
9. A grade of "C" or above is required for all professional sequence courses in education and those courses listed under content field. None of the professional education sequence may be completed by extension or correspondence.
10. Students who experience problems with transfer of credit should contact the Registrar's Office to determine the nature of the problem. If the problem is not resolved, students should contact the University Chief Transfer Officer to seek resolution to the problem.

Students who transfer to West Georgia are subject to the requirements of the Regents' Testing Program (*see Chapter IX, Undergraduate Academic Policies, for specific information.*).

Transfer course equivalencies may be viewed at <http://www.westga.edu/~admiss/> then click "transfer." Courses listed reflect results from previously reviewed transcripts and in no case should this list be considered a final and/or a complete listing.

Transient Student

A student who has taken work in a college or university may apply for the privilege of temporary registration. Such a student is one who expects to return to the college or university in which he or she was previously enrolled. The normal application procedure consists of filing an application form with a \$30 non-refundable fee. The dean or registrar of the college where the student has been enrolled must give written approval for the student to attend West Georgia.

The following policies shall govern the admission of a transient student:

1. An applicant will be accepted as a transient student only when it appears that the applicant's previous academic work is of satisfactory quality. A student must not be under suspension or exclusion from the previous institution. In case of doubt concerning the qualification of an applicant who seeks admission as a transient student, the Director of Admissions may classify the student as a transfer student and require the applicant to comply with all regulations regarding the admission of transfer students.
2. Enrollment as a transient student is limited to one semester. Exceptions may be made by special permission of the Admissions Office and with special approval of the dean of the institution from which the student comes. Application for readmission as a transient student for the second semester must be submitted to the Office of Admissions by the semester application and document deadline date.
3. Transient approval for a second consecutive term will be considered only when evidence is submitted to the Office of Admissions that the applicant meets full transfer admission requirements.
4. Transient students desiring to continue as transfer students must apply through the Admissions Office by the semester application and document deadline date and satisfactorily complete the transfer requirements listed in the University bulletin.
5. Since a university's primary obligation is to its regularly enrolled students, West Georgia will consider the acceptance of transient students only when their acceptance will cause no hardship or inconvenience to the institution or its regularly enrolled students.
6. Transient students are not eligible for financial assistance (grants, loans, HOPE scholarship, etc.) through the University of West Georgia. Transient students must make financial assistance arrangements with their "home" institution.
7. Transient students –who are not seeking a UWG degree– register last in the registration process.

Teacher Certification Student and Unclassified Student

All applicants who hold baccalaureate degrees should apply for admission through the Graduate School Office, unless these applicants wish to obtain a second bachelor's degree, in which case they will be transfer students and should apply through the undergraduate Admissions Office. All other students, including those who want to meet teacher certification requirements or who are taking

courses, both graduate and undergraduate, for their personal benefit, should apply to the Graduate School.

On occasion, the Graduate Office may request the Undergraduate Admissions Office to process an application for one of these students as an Undergraduate Unclassified Student.

Students accepted by the Office of Undergraduate Admissions as unclassified/post baccalaureate are not eligible for financial aid consideration

A student admitted as Unclassified, and who wishes to seek an undergraduate degree from UWG, must reapply for transfer admission to the Undergraduate Office of Admissions and must meet University transfer admission requirements. The undergraduate transfer application and transcripts from each college attended must be received by the announced application and document deadline date.

Auditor

Auditors are students who enroll as observers or listeners only. They are regarded as official visitors for the purpose of reserving seats in courses. An application form must be submitted to the Director of Admissions (including a \$30 non-refundable fee) prior to the application deadline date of the semester for which they plan to enroll. The minimum requirement for participation as an auditor is verification of graduation from an accredited high school or the possession of a GED certificate. Credit is not awarded for audit and no grade other than V (symbol for audit) is given. *Auditors pay the regular fees for enrollment.* Students are prohibited from receiving credit for courses for which they were registered as auditors unless the course is repeated for credit.

International/Permanent Resident Student

An **international applicant** is defined as an individual that is not a citizen of the United States and plans to pursue studies on an F-1 (student) or J-1 (exchange student) visa. A **permanent resident** is an applicant from another country who has obtained permanent residency in the United States (holds a "green card"). It is recommended that international and permanent resident students apply four (4) months prior to the term of desired enrollment.

UWG supports the concept of international education and welcomes applications from all students. In addition to admissions requirements discussed elsewhere in this section (freshmen, transfer, non-traditional students, etc.), please note the following requirements for international and permanent resident applicants:

1. All applicants, regardless of immigration status, must submit official, satisfactory secondary education records and/or examination results which, if necessary, must be translated into the English language by a certified translator.
2. All applicants, regardless of immigration status, whose native language is *not* English, must meet English language proficiency requirements.*
3. All applicants, regardless of immigration status, are required to obtain a foreign academic credential evaluation of education (secondary and/or university) received outside of the United States by an independent foreign credential evaluation agency.**
4. International applicants must submit financial documentation indicating evidence of sufficient funds available for study at UWG. Because the University has no financial assistance designated for international students, only those who can demonstrate their financial solvency will be considered for admission.

* English language proficiency requirements (submit 1 of the following):

- Official test results from the Test of English as a Foreign Language (TOEFL) with a minimum score of 193 computer-based, 523 paper-based, or 70 internet-based (www.toefl.org or 609-771-7100)
- A Georgia State Test of English Proficiency (GSTEP) recommendation for full academic admission, administered by Georgia State University (404-651-3650)
- A grade of “C” or better in a non-remedial, college level English course (English 1101 equivalent or higher level course) from an accredited college or university in the United States
- Three (3) years (9th, 10th & 11th grade) of English as a second language (ESL) and a grade of “C” or higher in a College Preparatory Senior (12th grade) English at an accredited high school in the United States. Four years of ESL at an accredited high school in the United States does not fulfill English language proficiency requirements.

**Recommended foreign academic credential evaluation agency:

Josef Silny & Associates, Inc.
 7101 S.W. 102nd Ave
 Miami, FL 33173
 (305) 273-1616 (305) 273-1338 Fax
www.jsilny.com

In order to attract international students, the University may waive the non-resident portion of tuition for select undergraduate international applicants who meet certain academic criteria. Upon acceptance, each international applicant is screened for this waiver. ***This waiver does not apply to permanent residents. A limited number of waivers are available; therefore, not all eligible international applicants will receive a waiver.*** The waivers are issued to eligible applicants on a first-come, first-served basis and undergraduate students receiving this waiver are required to maintain a 2.5 cumulative grade point average, monitored on an annual basis by the Assistant Director of International Services and Programs.

Enrollment of Persons 62 Years of Age or Older

Georgia residents 62 years of age or older may enroll as regular students in courses offered for resident credit on a space available basis without payment of fees, except for supplies, technology, laboratory, or shop fees. Space available will be determined by the institution. Students enrolled for credit that elect to participate in the campus health program, student activities program, or to use the parking facilities may be required to pay the appropriate fees. They must be residents of Georgia, 62 years of age or older at the time of registration, and they must present a birth certificate or comparable written documentation of age. A Certificate of Immunization is also required.

Such applicants must meet all University System and institutional admission requirements to include high school graduation, SAT or ACT scores, and Learning Support enrollment, when applicable, if they wish to enroll for credit. They will have all usual student and institutional records maintained and must meet all System, institutional, and legislated degree requirements, such as Regents' Test and History and Constitution Instruction or Exams, if they are degree-seeking students.

Applicants who wish to enroll under this program should file an application for admission but should not pay the \$30 application fee. They should write across the top of the application form *Georgia resident 62 years of age or older* and should submit written proof of age. Other requirements for admission as listed elsewhere in the Admission section of the catalog apply.

Readmission of Former UWG Student

Students who were previously enrolled, but have not been in attendance for three semesters, and students who have been academically suspended for one year or dismissed must apply for readmission with the Registrar's Office at least 20 working days before the semester for which they are applying begins. Students who have attended another college or university since last attending West Georgia must submit official transcripts from each institution attended. Also, students previously enrolled as transient, Senior Enrichment, Gifted Junior, or Advanced Academy must reapply through the Office of Admissions. If the student desires to live in a university residence hall, he or she must submit a housing application with the required deposit to the Residence Life Office.

West Georgia students must obtain prior written approval from the dean of their respective school to take subsequent work for credit at any other institution if the student's intention is to apply such work toward a degree at West Georgia. See Transient Student Status under Undergraduate Academic Policies.

Graduate Student

Admission to the Graduate Program involves requirements in addition to those listed here. See the *Graduate Catalog* for details.

Definition of a "Georgia Resident" for Purposes of Applying and Paying Fees

A student who is not a legal resident of the State of Georgia is charged out-of-state tuition. Hence, the determination of whether a student is classified in-state or out-of-state for tuition purposes is significant, and the applicant must indicate his or her classification on the application for admission. For more detailed information, see pages 55-56.



V. FINANCIAL AID

Academic Requirements

Appeals

Free Application for Federal Student Aid

Federal Government Programs

State of Georgia Programs

Refund Policy

Scholarships

FINANCIAL AID

The primary purpose of financial aid programs is to provide assistance to those whose personal and family resources are not sufficient to pay for the total cost of their education. Federal and state governments, the University, foundations, companies, and individuals provide these funds for worthy students. The university community also believes that academic excellence should be rewarded, and, as a result, some scholarships are awarded each year based exclusively on merit.

All applicants interested in federal and state financial aid programs must submit a Free Application for Federal Student Aid and any required documentation regarding their own and their family's financial resources. The exact composition of an aid package depends upon several factors. The extent of a student's financial need, the availability of funds, the student's academic record, and the date of application may affect the aid package. In order to receive financial aid at the University of West Georgia, students must be in good academic standing or they must be accepted for admission.

The principal programs available to the University of West Georgia students are outlined below. More detailed information can be found in the current brochure, *Financial Aid Guide*. To obtain more information, write to the Department of Financial Aid, telephone the office at 678-839-6421, or visit the website at www.westga.edu/~finaid. Questions may be sent by e-mail to finaid@westga.edu.

Financial assistance is not available to those admitted to the University of West Georgia as transient or non-degree post baccalaureate students.

Academic Requirements for Receiving Financial Aid

In order to receive financial aid at the University of West Georgia, students must meet all four of the following academic standards:

- 1. Completion of Learning Support and/or College Preparatory Curriculum (CPC) Courses in a Timely Manner**

Students required to enroll in the University's Learning Support Program and/or to take College Preparatory Curriculum (CPC) courses must complete all work in both areas within 30 attempted hours. Continued aid depends upon students completing the above requirements within this number of hours. Students who do not complete this work within 30 attempted hours may become eligible to receive aid in the semester after all Learning Support and CPC requirements are met.

- 2. Maintaining Satisfactory Cumulative Grade Point Average**

During the first four semesters, students may receive financial aid provided they are continuing progress toward their degrees (See item 3). At the end of four semesters, regardless of hours attempted, students must have at least a 2.0 UWG institutional grade point average (GPA) to remain eligible to receive aid. All semesters and hours for which students have registered at the University of West Georgia will be counted in determining the number of hours a student has attempted. **WARNING:** Students who complete 30 hours with less than a 1.8 GPA may have great difficulty in reaching 2.0 GPA by the end of four (4) semesters. Students must continue to maintain at least a 2.0 UWG institutional GPA at the end of each semester in order to receive aid. Students who do not have a satisfactory GPA will not be eligible for aid until their UWG institutional GPA is at least 2.0. Students who regain eligibility must submit a request to clear form and reapply to receive aid.

3. Continuing Progress Toward a Degree

Students must earn satisfactory grades in at least 67% of all hours which they attempt during an academic year in order to remain eligible for aid during the next award year. Grades of A, B, C, D, and S are considered satisfactory; grades of F, WF, I, U, IP, and W are considered unsatisfactory and are not passing for the purposes of this review.

Students who have lost eligibility for aid under this provision may reestablish their eligibility for future awards by completing at least 12 hours with a GPA of 2.0 or better with no unsatisfactory grades at their own expense.

The Director of Financial Aid may, at any time, cancel the remainder of a student's award if the director becomes aware that the student is not actively pursuing his or her coursework. Such students shall receive written notice of the cancellation of aid and will have the opportunity to request reinstatement of aid through written appeal.

4. Completing Degree Requirements within Specific Time Limits

Students are expected to complete their programs of study within a reasonable period of time and may not receive financial aid after attempting the maximum number of hours for their degree program as indicated on the chart which follows. These limits do not include Learning Support and College Preparatory Curriculum courses.

Affected students will lose their eligibility for aid following the semester in which they reach or exceed the maximum number of hours allowed.

<i>Degree Program</i>	<i>Maximum Number of Hours Allowed</i>
120-hour Bachelor's Degree	180
36-hour Master's Degree (Thesis)	54
27-hour Specialist Degree	41

Appeals

Students who are no longer eligible to receive financial aid because they do not meet satisfactory academic progress standards may appeal if they have experienced extenuating circumstances. To complete the appeals process, students should obtain an Appeal form from the Department of Financial Aid or www.westga.edu/~finaid and submit supporting documentation along with their letter explaining the circumstances. The deadline to submit an appeal for a semester is noon on the second day of drop-add. Any appeals submitted after this deadline will be considered but not before the fee payment deadline.

Appeals are reviewed on a preliminary basis by the Financial Aid Appeals Committee, consisting of staff members in the Financial Aid Office. Appeals which are denied will be referred to the Financial Aid Review Board at the student's request. The Review Board meets to consider cases referred by the Financial Aid Appeals Committee. The Director of Financial Aid or another member of the Financial Aid staff meets with the Review Board to explain financial aid policy and to interpret items in the student's financial aid file. The Review Board makes recommendations to the associate Vice President for Student Services or his designee, who issues a final decision to the student regarding his or her appeal.

Free Application for Federal Student Aid

The University of West Georgia requires that a Free Application for Federal Student Aid (FAFSA) be submitted by each student who applies for federal or state financial assistance each academic year. This form is evaluated by a central processing center using federal guidelines. The University uses this information as one of the main factors in the determination of a financial aid package for the individual student. The Free Application for Federal Student Aid may be submitted on-line at www.fafsa.ed.gov.

Federal Government Programs

All federal programs are subject to change including cancellation and reduction of funds.

Federal Perkins Loan

This loan is awarded by The University of West Georgia to students who demonstrate financial need and are enrolled at least half-time. No repayments are due and no interest accrues until nine months after the student graduates,

leaves the University, or ceases to be a half-time student. The simple annual interest rate is five percent. The minimum repayment is \$40 per month, providing the entire loan can be repaid within ten years. A portion of the debt may be cancelled for teaching in certain communities or neighborhoods, or teaching in a Head Start or special education program.

For information concerning repayment, contact the Bursar's office, 678-839-4737.

Federal Supplemental Educational Opportunity Grants (FSEOG)

FSEOG funds are awarded by The University of West Georgia to Pell Grant recipients with an estimated family contribution (EFC) of \$400 or less and exceptional financial need. The maximum annual FSEOG award is \$900 per year.

Federal Pell Grant

The Federal Pell Grant program currently provides federal grants of up to \$4310 per academic year to help eligible students meet their educational costs. Like all grants, the Federal Pell Grant does not have to be repaid and is awarded on the basis of need to students who are citizens or permanent residents of the United States without a previous bachelor's degree. The Federal Pell Grant award is based on hours of enrollment. To receive a full Federal Pell Grant award a student must be enrolled in at least twelve hours.

Federal Work Study Program

This is a federal program through the University of West Georgia offering employment opportunities for students demonstrating financial need. The types of jobs available include clerical, technical, and manual labor as well as positions in the library and laboratories, and community services.

Ford Direct Subsidized Stafford Loan

The Ford Direct Stafford Loan program allows students to borrow money from the federal government at a low interest rate. Interest rates are fixed based on current federal Stafford loan rates. No repayments are due and no interest accrues until six months after the student graduates, leaves the University, or ceases to be a half-time student. Origination and processing fees of approximately one percent are deducted from the loan amount borrowed.

Listed below is the maximum amount a student may borrow each academic year of college:

Freshmen (up to 29 earned hours).....	\$3,500
Sophomores (30-59 earned hours).....	\$4,500
Juniors and Seniors (60 or more earned hours).....	\$5,500
Provisional/Certification Students.....	\$5,500
Graduate Students.....	\$8,500

An independent student may borrow the following amounts from the unsubsidized loan in addition to the Ford Direct Stafford Loan limits:

Freshman/Sophomore	up to \$4,000 a year
Junior/Senior	up to \$5,000 a year
Provisional/Certification Students.....	up to \$7,000 a year
Graduate	up to \$12,000*

**Not to exceed UWG budget for the academic year.*

Ford Direct Unsubsidized Stafford Loan

Any student, regardless of need, may borrow from the Ford Direct Unsubsidized Stafford Loan Program. The procedures to receive a loan are the same as for the Ford Direct Stafford Loan. The annual loan limits are the same and include any funds borrowed through the guaranteed program. Repayment of the loan is deferred as long as the student is enrolled at least half-time; however, interest on the loan should be paid while the student is in school. The interest can also be deferred but would be compounded to the principal of the loan. The interest rate and handling fees are the same as subsidized.

Veterans and Dependent Benefits

Benefits are available to qualified veterans and children of deceased veterans. For information contact the University of West Georgia Registrar's Office at 678-839-6438 or the Atlanta Veterans Administration Office, 730 Peachtree Street, N.E., Atlanta, GA 30365, or telephone 1-800-827-1000.

Additional information may be found under Veterans Information on the Financial Aid website, www.westga.edu/~finaid.

State of Georgia Programs

Service Cancelable Student Loans

A limited number of service-cancelable loans are available to Georgia residents allowing student loans to be cancelled through service in the state of Georgia. The Georgia Student Finance Authority administers these programs and can be contacted at 2082 East Exchange Place, Suite 200, Tucker, Georgia 30084, by telephone at 1-800-505-4732, or by visiting their website at www.GAcollege411.org.

Nursing

Undergraduate and graduate nursing students must be formally accepted into the Nursing program. Students may cancel one year's loan by practicing full time for one calendar year at an approved site within the State of Georgia. West Georgia's allocation is awarded to applicants whose financial aid file is completed by April 1st. A completed financial aid file consists of a submitted Free Application for Federal Student Aid (FAFSA) and all paperwork required by the financial aid office. Preference is given to the previous year's recipients, then subsequent awards are based on the date of completion of the student's financial aid file and date of acceptance to the university.

National Guard

Georgia Air or Army National students can borrow funds for an amount up to the matriculation fee each semester. Students should contact their commanding officer for more information and an application. Additional information is available through Georgia Student Finance Commission's website at www.GAcollege411.org.

Teacher

The PROMISE Teacher Scholarship Loan Program provides service cancelable loans to juniors and seniors who are admitted into a teacher education program with a minimum 3.0 overall HOPE GPA. For additional information, contact the UWG College of Education (678-839-6570 or rhart@westga.edu) or visit www.GAcollege411.org.

Hope Scholarship

The State of Georgia provides the HOPE Scholarship to students who have graduated from a Georgia high school since 1993 with a 3.0 GPA in a college preparatory track or a 3.2 GPA in a vocational track. At 30, 60, or 90 attempted hours (including transfer work and GPA), a Georgia resident may gain eligibility for the HOPE Scholarship despite not meeting incoming freshman criteria.

Students remain eligible if they maintain a cumulative GPA of 3.0 at 30, 60, and 90 semester hours. All HOPE Scholarship recipients must have a cumulative GPA of 3.0 at the end of each spring term in order to continue their eligibility. Exceptions are freshmen (1st tier) recipients who enrolled in less than 12 hours for each of their first three terms. The scholarship covers tuition and a portion of mandatory fees each semester and provides a book allowance. Students who have received a GED since July 1, 1993, may be eligible for a one-time award and may gain the HOPE Scholarship once they have attempted 30, 60, or 90 hours.

Veterans Certification

The Registrar's Office at the University of West Georgia completes enrollment certification procedures for students enrolling under any of the Veterans Affairs educational assistance programs. As early as possible, and preferably at least one month before entering West Georgia, any student planning to enroll under one of these programs should contact the Registrar's Office to initiate enrollment certification procedures. Students requesting enrollment certification for the first time should anticipate a ten to twelve-week delay in the receipt of the first benefit check. Veterans should be prepared to sustain initial university costs since benefits will not begin until several weeks after enrollment.

Veterans and dependents of veterans planning to study using veterans' benefits at West Georgia should apply for admission as any other student. Eligibility for Veterans Affairs benefits has no direct relationship to the institution. All financial transactions are directly between the student and Veterans Affairs. The institution serves only as a source of certification and information to Veterans Affairs. Eligible students enrolling in Learning Support or CPC courses may receive V.A. educational benefits provided these courses are required by the University. Payment of benefits for such work is limited to a total of 30 hours and to 9 hours in each basic skills area. West Georgia offers three areas of developmental study: English, reading, and mathematics.

Students receiving V.A. benefits must adhere strictly to a planned program of study as indicated on their school and V.A. forms. Program changes must be

reported promptly to the V.A. through the Registrar's Office at West Georgia.

All students receiving V.A. educational benefits are also required to report to the Registrar's Office changes in course load, withdrawals, or interruptions in attendance in order to minimize personal liability resulting from overpayment of benefits. Veterans Affairs regulations indicate that students receiving benefits are expected to attend classes regularly. The Registrar's Office, therefore, asks faculty members to report prolonged and excessive class absences so that the affected students' enrollment certifications may be terminated.

Vocational Rehabilitation Benefits

Benefits are provided to promote the employment possibilities for disabled individuals. Applicants may be eligible to receive grants covering tuition, fees, books, and supplies. For further information, contact the nearest Vocational Rehabilitation Office. The Bursar's office will work with voc-rehab to assist eligible students.

Refund Policy

Refunds will be based on a pro rata percentage determined by dividing the number of calendar days in the semester that the student completed by the total number of calendar days in the semester. Students who withdraw after 60% of the semester has been completed are not entitled to a refund of charges. Refund schedules and a copy of the Board of Regents policy may be obtained from the Bursar's office, the Registrar's Office, or the Financial Aid Office.

For any questions regarding this policy, contact the Bursar's office in Aycock Hall or call 678-839-4737.

In order to meet Federal Regulations, all refunds will be credited back to Federal Title IV Programs, State Programs, and Private and Institutional Programs in the following order:

- Direct Stafford Loan
- Federal Perkins Loan
- Direct Plus Loan
- Federal Pell Grant
- Federal SEOG
- Other Title IV assistance
- State Programs
- Private/Institutional Programs
- Student
- University of West Georgia Programs

Scholarships

The University of West Georgia offers outstanding students a wide variety of academic and performing arts scholarships. Most scholarships are awarded solely on merit and performance.

Some academic scholarships are available to students regardless of their major and others are for students majoring in particular fields. Still others are designed to encourage students from a specific county or minority group to attend West Georgia.

Performing arts scholarships are awarded to students in the fields of music, art, drama, and debate. Recipients are selected on a competitive basis by individual departments.

For more information on the scholarships offered at the University of West

Georgia, see the General Scholarship information, and download the application on-line at www.westga.edu/~finaid between January 1st and March 1st each year. Presidential Scholarships

The Presidential Scholarships are designed primarily to reward incoming freshmen who have demonstrated superior academic ability and potential for success at the University. For more information, see Chapter VI, Honors College.

Private Scholarships

Scholarships may be available from private sources such as organizations, church groups, employers, and businesses. The UWG Financial Aid website lists several with information on qualifications, how to apply and deadlines. A limited number of search engines are also included.

Athletic Scholarships

University of West Georgia provides a number of athletic scholarships in several men's and women's sports in accordance with National Collegiate Athletic Association - Division II rules. Scholarship recipients are selected by the coaches of the various athletic teams.

Student Assistantships

These limited on-campus jobs are available regardless of financial circumstances. The types of jobs available are similar to those offered through the Federal Work Study Program.

Emergency Short-Term Loans

Short-term loan funds are available to assist currently enrolled students who need temporary financial assistance. The maximum amount a student may borrow depends upon the availability of funds but may not exceed \$450 per semester. In general, loan funds are available within five to eight days. These loans must be repaid before the end of the semester. A minimal interest rate and/or service fee is charged. Previous borrowers may be denied an emergency short term loan if they have been delinquent on past loan repayments. Application is made through BANWEB. Contact the Bursar's office for additional information.

VI. HONORS COLLEGE

Donald R. Wagner, Dean

<http://www.westga.edu/~honors/>

678-839-6636

The Advanced Academy of Georgia

Honors College Curriculum and Activities

Honors College Learning Environment and Outcomes

UWG Honors College Academic Integrity Policy

Select Students

Debate Program

Presidential Scholarships

International and National Scholarships

The Honors College includes The Advanced Academy of Georgia, the Select Student Program, HOPE-ACCEL program for jointly enrolled high school juniors and seniors, Presidential Scholarships, International and National Scholarships, the intercollegiate Debate Program, and all Honors College curriculum and activities. Its offices are located in the Honors House.

The Advanced Academy of Georgia

In the spring of 1995, West Georgia announced the founding of The Advanced Academy of Georgia, an enriched, full-time, residential university program for academically gifted and talented high school juniors and seniors and carefully selected younger students who meet admission requirements and who wish to accelerate their educational programs. Students in The Academy take regular university courses for credit while concurrently completing their high school graduation requirements (in absentia). All students in The Academy are required to live in a designated campus residence hall and purchase a meal plan (required first year only). The Academy offers an enriched residential component and academic advising tailored to the needs of its students. Opportunities are also provided for leadership development, academic research, participation in cultural events, social interaction with peers, and community service.

To qualify, students must score at least 1150 on the SAT (ACT 25) with minimum 580 Critical Reading (ACT 25) and 530 math (ACT 22) scores. They must have earned a 3.5 GPA in academic course work and be on track in the College Preparatory Curriculum. To encourage academically qualified and motivated students to take advantage of this unique opportunity, the Georgia Student Finance Commission provides college tuition grants through the HOPE-ACCEL Program to those who are currently enrolled in accredited Georgia public and private high schools. For more admission information, please refer to page 59.

Honors College Curriculum and Activities

The Honors Program was initiated at West Georgia College in 1975. In 1999 the Board of Regents of the University System of Georgia elevated the status of the program to Honors College thereby creating the first Honors College in the State of Georgia. Unlike the other undergraduate colleges (Arts and Sciences, Richards College of Business, and Education), the Honors College does not award degrees. Instead, like almost all other honors colleges in the United States, the Honors College offers a distinctive curriculum featuring two types of courses – special sections of courses required in the core curriculum and junior and senior seminars. Because Honors classes are small, they typically provide more opportunities for discussion and more individual attention than is possible in the regular curriculum. Honors courses are designed to offer more opportunities for research in preparation for graduate or professional school; consequently, they are more challenging, and they do place more responsibility on the individual student. The Honors College is open to students in all undergraduate degree programs offered by the University.

Admission to the Honors College is open to entering freshmen who meet two of the following three criteria: (1) a combined SAT Critical Reading and Math score of at least 1200 or an ACT Composite score of 26, (2) a minimum score of 610 on the Critical Reading portion of the SAT or an ACT English score of 27, or (3) a high school grade point average of 3.5 or higher. The Honors College is also open to any student who has completed 15 or more hours at West Georgia

with an overall GPA of 3.2 or higher. To have a realistic chance of completing the Honors College Curriculum, however, students must enter no later than the beginning of their sophomore year. Individual Honors courses are open on a space available basis to any student with a cumulative GPA of 3.2 or higher who has completed 15 or more credit hours. Scores of 4 or 5 in Advanced Placement courses count as West Georgia Honors credit, and students who transfer from other college or university Honors Programs or Colleges may be able to transfer their Honors credit here.

To graduate with Honors College distinction, students must (1) earn credit for ten or more Honors courses, including two courses at the junior or senior level; (2) complete an Honors senior thesis or research project in their major; and (3) maintain a minimum grade point average of 3.2 in Honors College courses and in all other academic work. Completion of this distinctive curriculum is a mark of scholarly excellence and is appropriately recognized on all official West Georgia transcripts and diplomas. Honors College graduates are also recognized at commencement ceremonies where they alone may wear Honors College cords of the University's official colors of red and blue.

West Georgia's Honors College is affiliated with the National Collegiate Honors Council and conforms to its recommended policies and practices. For application materials and any other information, please contact the office of the Honors College Dean, Honors House.

Honors College Learning Environment And Outcomes

The Honors College of the University of West Georgia is designed for highly motivated students who have demonstrated superior academic achievement and express a desire to continue on that path. Students accepted into the Honors College become immersed in a learning community, where they are expected to be actively engaged in an on-going, interactive learning process with like-minded faculty and peers, both in and out of the classroom. To support and nurture such an environment, Honors classes are small, seminar-based, and taught by faculty members approved by the Honors College. Honors course work differs from general course work in both breadth and depth of exploration of subject matter, and as much as possible, inclusion of primary sources of information. Honors students are expected to exhibit and further develop genuine emotional and cognitive engagement in the learning process and reflect on the meaning of what they are learning in their own and others' lives, including a consideration of ethical ramifications when applicable. Ultimately, the goal of the program is to produce young adults who will become leaders and serve as transformation agents among their peers, in the campus community, and in the larger social world. To this end, all courses in the Honors College will incorporate one or more of the following learning outcomes:

- 1) Students will demonstrate the ability to examine topics and issues from diverse perspectives.
- 2) Students will demonstrate the ability to engage in higher order abstract, creative and critical thinking.
- 3) Students will demonstrate the ability to explore, and if feasible, experiment with possible applications of their learning toward the solution of "real world" problems.
- 4) Students will demonstrate the ability to explore and conduct discipline-specific independent research and creative activities using a variety of

resources.

- 5) Students will demonstrate superior oral and written communication skills.

UWG Honors College Academic Integrity Policy

Students in the Honors College at the University of West Georgia are expected to have exceptional academic integrity, based on honesty, trust, respect, fairness, and responsibility. Participation in the Honors College is based on academic performance, and all forms of cheating call into question the legitimacy of a student's grades. All Honors students are expected to adhere to the University's Honor Code and Policies of Academic Integrity. See *UWG Catalog*, p. 103 or *Connection and Student Handbook*, p. 120. Participation in the UWG Honors College is a privilege, as Honors students receive many advantages. Any violation of the University's Honor Code may result in "penalties up to and including" dismissal from the Honors College. All final decisions will be made by the Dean of the Honors College.

Select Students

The Select Student Program is intended for students who have demonstrated superior scholastic achievement and who wish to pursue advanced course work in an individualized curriculum in their majors under the guidance of their department chairs. A student who attains a 3.75 or above grade point average in the first 40-60 academic hours of credit at West Georgia is eligible to apply for the program. A Select Student must maintain a minimum cumulative average of 3.2.

A student seeking Select Student status must be recommended by his major department chair or the Honors College Committee and approved by the Office of the Honors College Dean. Students must make application to the department chair by the time they have earned 90 hours and obtain approval of specialized curriculum. A student completing the program will have Select Student designation recorded on the transcript. A Select Student may:

1. take advanced courses without prerequisite;
2. take designated courses which allow credit by validation for lower level courses;
3. elect to substitute other courses for three credit hours of physical education activity courses;
4. design with the chair of the major department a special course of study to meet major requirements.

Debate Program

West Georgia has one of the top debate programs in the country, competing intercollegiately for more than 30 years. During this time, West Georgia Debate has qualified for the National Debate Tournament 35 consecutive years, the fifth longest streak in the country, behind only Harvard, Northwestern University, University of Southern California, and University of Kansas. In addition, West Georgia has been national champions of the Cross Examination Debate Association two of the past six years. Interested students should contact Debate Coach Michael Hester at mhester@westga.edu or telephone 678-839-0623. The Debate Program's offices are located in Strozier Hall.

Presidential Scholarships

Presidential Scholarships are funded by donations to the University managed

by the University of West Georgia Foundation. They are intended primarily to reward incoming freshmen who have demonstrated superior academic ability in high school and potential for academic success at the University. These scholarships are renewed annually for four years or eight semesters, provided that the students continue to meet established Honors College academic criteria and remain on track to complete the Honors College curriculum requirements. For more detailed information, please contact the Honors College, Honors House, 678-839-0628.

International and National Scholarships

Information concerning application forms, deadlines, eligibility criteria, and the processes of applying for the following international and national scholarships may be obtained from the Honors College, Honors House, 678-839-6636.

- Winston Churchill Scholarship
- Rhodes Scholarship
- Marshall Scholarship
- Andrew W. Mellon Fellowship
- J. William Fulbright Scholarship
- Barry M. Goldwater Scholarship
- James Madison Scholarship
- Harry S. Truman Scholarship
- Morris K. Udall Scholarship



VII. EXTENDED DEGREE PROGRAMS

Donald R. Wagner, Dean

<http://www.westga.edu/~vpaa/special.html>

Evening and Weekend University

Distance and Distributed Education

External Degree Program at Georgia Highlands College

External Degree Program at Dalton

Newnan Center

Extended Degree Programs has responsibility for the administration of Distance and Distributed Education, Evening/Weekend University and the Newnan Center. It also provides administrative support for other off-campus graduate and undergraduate courses and programs. The offices of Extended Degree Programs are located on the Carrollton campus in the Honors House and in the Newnan Center.

Evening/Weekend University

Evening/Weekend University is designed for students who are unable to attend class during traditional daytime hours. The University offers selected undergraduate and graduate degrees that may be earned in their entirety during evenings and weekends. With careful scheduling, the following undergraduate degrees may be earned in approximately five years:

- College of Arts and Sciences
 - Bachelor of Science-Criminology
- College of Business
 - Bachelor of Business Administration in
 - Accounting
 - Finance
 - Management
 - Management Information Systems
 - Marketing
 - Real Estate

With appropriate prerequisites satisfied and with careful scheduling, the following graduate degrees may be earned in approximately three years:

- College of Arts and Sciences
 - Master of Arts-Psychology
 - Master of Public Administration
- College of Business
 - Master of Business Administration
 - Master of Professional Accounting
- College of Education
 - Master of Education in Reading Education
 - Master of Education and Education Specialist in
 - Administration and Supervision
 - Early Childhood
 - Media
 - Middle Grades Education
 - Physical Education
 - Professional Counseling
 - Secondary Education
 - Special Education
- Certification Endorsements in
 - Director of Media Services
 - Director of Special Education
 - English to Speakers of Other Languages
 - Instructional Supervision
 - Reading Endorsement
 - Teacher Support Services

Non-Degree Program for Teachers Holding Provisional Certification Middle Grades (4-8) Education in Middle Grades Georgia Responds

Non-Degree Program for Teachers Holding Provisional Certification – P12 Education in Special Education – Learning Disabilities/Behavior Disorders

Admission

Credit programs require admission to West Georgia before registration for classes. Applications for admission may be obtained in the Admissions Office for undergraduate programs and in the Graduate Office for graduate programs. Admission applications are also available online

Registration

A schedule of registration dates is available in the Registrar's Office and also online.

Students may apply a maximum of 30 semester credit hours earned through an off-campus undergraduate instructional program toward a degree. One-half of the hours required in a graduate program may be earned in off-campus instruction.

Expenses

All fees and charges for registration are due and payable at the beginning of each semester for new students. For continuing students, fees are due at specified dates prior to the semester. Consult the Table of Charges in the Expenses Section for specific charges and fees.

Individuals on a company employee education plan must present completed papers of authorization at registration. Students who have applied for or who are receiving Veterans Administration benefits should be prepared to pay all fees and charges when they register.

Registration at the beginning of each semester is not complete until all fees and charges have been paid. For more information regarding Evening/Weekend University, please telephone 678-839-6250.

Distance and Distributed Education

Distributed Education is the term used to describe alternative learning environments whereby faculty draw on appropriate technology to provide instruction outside of the traditional classroom. The distributed model can be used in combination with traditional classroom-based courses or it can be used to create distance education courses, in which most learning occurs independent of time and/or place. In the University System of Georgia, if more than 50 percent of instruction in a course is delivered via distance technologies, it is classified as a Distance Education course.

Through its Distance and Distributed Education Center, the University offers credit classes to students at times and locations outside of the traditional classroom. The University of West Georgia was one of the first institutions in the University System of Georgia to offer full or partial online credit courses, courses which utilize the internet to deliver course materials and assignments, and to facilitate discussion and other appropriate interactions. Distance or Distributed credit courses are currently delivered fully or partially online, through two-way live videoconferencing, or through a combination of these technologies.

A primary function of the Distance and Distributed Education Center is to provide support services and training for faculty members and students participating in these courses. The Center also provides opportunities for

collaboration and research for those who manage and administer Distance and Distributed Education programs throughout the nation through its online academic journal, its online non-credit certificate program, and its annual conference. For more information about Distance or Distributed Education, please visit the Honors House, telephone 678-839-6248, or visit the University Website.

External Degree Program at Georgia Highlands College

Approved by the Board of Regents in August, 2002, as a cooperative effort between Georgia Highlands College and the University of West Georgia, the External Degree Program services students in the Floyd County area who wish to continue formal education beyond the associate degree to seek a Bachelor of Science in Education in Early Childhood Education or a Bachelor of Science in Nursing.

Admission

Undergraduates who wish to enroll in the program at Georgia Highlands College apply to West Georgia as transfer students. The University requires an application for admission, a \$30 application fee, an immunization certificate, and official transcripts from each college previously attended. In addition to meeting criteria for admission to the University, undergraduates who wish to enroll in courses through the Bachelor of Science in Education and Bachelor of Science in Nursing programs must meet criteria established for the programs. West Georgia offers a complete Master of Education degree in Early Childhood Education, as well.

All necessary forms are available in the External Degree Program office at Georgia Highlands College (Walraven, 230) in Rome, Georgia 30162, from the Office of Admissions at the University of West Georgia, Carrollton, GA 30118 and online.

External Degree Program at Dalton

Students can obtain a Bachelor of Science in Nursing in Dalton through the External Degree Program. For more information regarding the BSN in Dalton, telephone 678-839-6250.

Registration and Orientation for Education Majors

Representatives of West Georgia conduct orientation for the External Degree Program during summer semester at Georgia Highlands College. Registration dates, locations, semester class schedules, and general information are available through the External Degree Program office at Georgia Highlands College, 706-368-7757.

Newnan Center

The Board of Regents approved and established a West Georgia satellite campus in Newnan, Georgia in August 1988. The University began offering courses in the Georgia Power Company's Shenandoah Center in 1990. In 1998 Coweta County purchased the Shenandoah Center from Georgia Power as a permanent location for the University's exclusive use. West Georgia's Newnan Center is located off Amlajack Boulevard in the Shenandoah Industrial Park in Newnan, Georgia.

The Center currently offers selected courses in the University's core curriculum for undergraduate students. It also offers the Bachelor of Science in Nursing as a undergraduate degree program. In addition, West Georgia offers complete

Master of Education Degree programs in Early Childhood Education, Special Education, Education Leadership, and Middle Grades Education at the Center. Courses leading to the Master of Public Administration Degree are also offered on a regular basis.

The Bachelor of Science degree program in Early Childhood Education will begin in Newnan in 2008.

Admission

The requirements for admission to the Newnan Center are the same as admission to the University on its Carrollton campus. Applicants for undergraduate admission must consult the "Admissions" section in this catalog. Graduate students should see the *Graduate Catalog* for admission requirements for graduate admission and the particular requirements of the degree program for which they are applying. The catalogs and applications are also available online.

Registration

The Newnan Center conducts registration each semester in its administrative offices. Students may register independently in the Center computer lab. Registration dates, locations, semester class schedules, and general information are available in Newnan. For this information, call 770-254-7280. A West Georgia representative is available for consultation or advisement and for any other assistance needed by persons interested in the Newnan Center. Course schedules are arranged for part-time or full-time attendance.



VIII. PUBLIC SERVICES

<http://uwgce.com/>

Continuing Education

Continuing Education Units

Leadership Training Center

PUBLIC SERVICES

Traditionally, public institutions of higher education state that they exist for the purpose of instruction, research, and public service. The public service mission has been paramount at West Georgia since its beginning. The faculty and staff have become well known for their efforts in extending the University into the communities of the West Georgia region. Furthermore, the Board of Regents of the University System of Georgia has placed special emphasis upon the role of public service and continuing education to serve as a catalyst for economic development.

Continuing Education and Public Services have emerged as an extension of the traditional on-campus learning process, available to adults wherever sufficient interest has been found. The Continuing Education/Public Services Department is responsible for coordinating and providing support relating to cooperative vocational and professional programs, institutes, workshops, conferences, and other community educational programs. Short courses and other non-credit studies, such as in-service training and customized training to local business and industry, are responsibilities of the Department of Continuing Education. Courses are conducted on campus and off campus with some in-plant workshops held at various facilities throughout the area and regularly feature West Georgia faculty as instructors.

Continuing Education Unit

The Continuing Education Unit (CEU) is defined as ten contact hours of participation in a qualified continuing education program. The CEU is recognized as the national standard for measuring an individual's participation in and an institution's production of non-credit programs. The CEU may be used within an institution in at least three ways. First, the CEU serves as a unit of measure to recognize an individual's participation in non-credit activities that meet appropriate criteria. Second, the CEU may serve as the accounting unit of the institution's total non-credit courses, programs, and activities. Third, the implementation of CEU criteria provides the basis for quality assurance in continuing education programming. The University of West Georgia follows the criteria and guidelines as set forth by the Commission on Colleges of the Southern Association of Colleges and Schools.

Leadership Training Center (LTC)

The Leadership Training Center was established for the purpose of providing information and meeting the training needs of organizations and individuals in business and industry. The LTC develops and offers a variety of high quality training programs designed to prepare management personnel to lead their work force into a competitive business environment. Programs are offered at strategic locations throughout the West Georgia area. Contract programs may be customized to meet specific training needs of individual organizations. Most of these programs are designed in cooperation with professional faculty from the Richards College of Business. The LTC provides training needs assessment programs, a variety of certificate programs, small business programs, and leadership development programs.

IX. UNDERGRADUATE ACADEMIC POLICIES

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UNDERGRADUATE ACADEMIC POLICIES

Advisement And Course Selection (Course Level Rule)

Academic advisement is considered an important element in a student's program of study, and West Georgia makes every effort to provide the service; however, students must ultimately be responsible for their own choices, their own course and program selections, and their own deadlines. Each student is responsible for completion of all requirements of his or her program. Advisors simply provide guidance. Any exception to a published program of study is not valid unless specifically authorized in writing by the dean of the college or department chair in which the major is housed.

Advisee records are compiled from admissions documents, grades and quality points, and test results. All students who have declared a major within the colleges of Arts and Sciences or Business are assigned to the department of the major and are advised by faculty and/or professional staff in that department. Students who have declared a major in Education are advised by an advisor in the College of Education Advising Center. Other students are advised as follows: students with Learning Support requirements and/or College Preparatory Curriculum Deficiencies are advised by members of the Learning Support Department; students who have not declared a major are advised by professional staff and faculty volunteers in the EXCEL Center for Academic Success; joint-enrolled high school students and students enrolled in The Advanced Academy of Georgia are advised by the Coordinator of the Academy; and students in the Honors Program may be advised by the Director of Special Programs or a member of the Honors Program Committee.

Every undergraduate student must officially declare a major at or before the completion of 60 semester hours (this includes transfer credits). A declaration of a pre-major such as pre-communication or pre-psychology will not fulfill this requirement. A hold will be placed on registration until a major is declared.

It is important that students see their advisors prior to registration each semester. Each student is responsible for contacting his or her individual department to determine specific advisement procedures for that department. Freshmen and sophomores are required to consult with their advisors in order to register.

Students are advised to select courses appropriate for their classification, i.e., stepping up or down no more than one level of course numbers. For example, a freshman may step up to a 2000-level course or a junior may step down to a 2000-level course.

Academic Credit by Examination

The **Advanced Placement (AP) Program** is available through many high schools and enables a high school student to earn credit toward college in a variety of subjects. Usually these courses are equivalent to college freshmen/sophomore-level courses such as American Government, American History, Composition, and so forth. College credit will be awarded based on standardized exams administered at the high schools in mid to late May.

High school students who earn AP exam scores of 3 or higher (on a scale

of 1-5) on most exams and who submit official score reports to West Georgia’s Admissions Office will automatically receive credit for coursework. Scores of 4 or higher are required to receive credit for history exams.

The **College Level Examination Program (CLEP)** is offered at West Georgia by appointment and allows persons to earn college credit by achieving appropriate cutoff scores on nationally standardized exams. Exams available cover a range of courses including math, history, government, literature, and sciences. Test registration information is available through the Testing Office (678-839-6435).

As with AP testing, CLEP is a great way to earn college credit. Not only will a person save time by not having to take a course containing material he or she already knows, but the student will also save money by not having to pay for a college class. Thus, CLEP enables a student to move through his or her freshman and sophomore years at a faster pace.

Departmental Exams. A few of the academic departments at West Georgia also offer the opportunity for credit by examination. The English Department, for example, allows persons who feel confident about their writing skills to write an essay evaluated by a departmental committee. If a passing credential is earned, the person will be allowed to exempt English 1101 and/or 1102, depending on the score. The Department of Foreign Languages and Literatures also allows students to exempt certain introductory foreign language courses. To receive credit by examination, the student must pay a fee of \$6/credit hour fee.

Test dates vary, so interested persons should contact the departments (English 678-839-6512; Foreign Language 678-839-6515) for details.

Academic Load (Course Load Limits)

Although a typical course load is 15 semester credit hours, a student may register for 18 semester credit hours without special permission (see summer exceptions below). A student on the Dean’s List may register for 20 hours without special permission. Students within 30 credit hours of graduation with a cumulative average of 2.0 may carry up to the maximum of 21 credit hours for two semesters without special permission. A student who is required to enroll in Regents’ Test remediation may not carry more than 18 credit hours. During the semester of student teaching, students may take one additional course. Students are advised not to take more than 10 credit hours if they work full time. Special permission must be obtained from the appropriate academic dean before any student may exceed loads authorized above. Academic deans may approve course loads of up to 25 semester credit hours in justifiable circumstances.

Due to varying session lengths for summer semester, the following schedule presents the maximum hours that can be taken by a student without special permission given by his or her dean.

<u>Session</u>	<u>Hours</u>
Session I.....	6
Session II.....	18
Session III or IV.....	9 (each session)
Session II in combination with III and/or IV.....	18

Please note that some insurance and loan agencies require that students be enrolled full time (12 or more semester hours) in order to qualify for their services.

Academic Standards

Retention Standards for Regular Students

Students will be evaluated each semester on the basis of cumulative grade point average and the total number of hours attempted. Hours transferred will be included in determining the total hours attempted; however, the cumulative grade point average will be computed only on the work completed at West Georgia. The academic standing for a semester is not adjusted when a course taken that semester is subsequently repeated during a later semester and the first grade earned is removed from the calculation of the grade point average. The cumulative grade point average required for the total number of hours attempted is given below:

1-30	1.6
31-50	1.7
51-70	1.8
71-96	1.9
96+ hours	2.0

Under the provisions of the academic policies of West Georgia, students are classified as follows:

Good Standing - A student in good standing has earned an institutional grade point average which meets the retention standards of the University.

Academic Probation - All students, including first-semester freshmen and transfer students, who fail to meet the retention standards will be on probation the next semester of enrollment. A student on probation who makes satisfactory progress toward reaching the retention standard will be continued on probation. Satisfactory progress in this context means that the student earns a grade point average of 2.0 or better for all semesters on probation.

Academic Suspension - Students who do not earn a minimum semester grade point average of 2.0 while on probation regardless of the cumulative GPA will be suspended for one semester. An appeal is possible only if plausible evidence is provided that an error has been made or that a course grade was unjustly assigned. Readmission on probation will be automatically allowed after one semester of suspension.

Students on probation who do not make satisfactory progress after returning from an initial suspension will again be suspended, this time for one calendar year. An appeal is possible only if plausible evidence is provided that an error has been made or that a course grade was unjustly assigned. A student who is suspended for the second time may apply for readmission on probation one calendar year from the date of suspension.

Academic Dismissal - Students on probation after a second suspension who do not make a 2.0 on all work attempted in each subsequent semester of enrollment regardless of the cumulative GPA will be dismissed. Dismissed students are eligible to return only when they have earned an associate degree or are granted Academic Renewal after a five-year absence from any post-secondary institution.

Academic Appeal

An appeal of an academic suspension or dismissal is possible only if plausible evidence is provided that an error has been made or that a course grade was

unjustly assigned. For further information, contact the office of the Vice President for Academic Affairs, 678-839-6445.

Academic Honor

At West Georgia, the student is expected to achieve and maintain the highest standards of academic honesty and excellence. Not only does academic honesty preserve the integrity of both the student and the institution, but it is also essential in gaining a true education. The West Georgia student, therefore, pledges not to lie, cheat, steal, or engage in plagiarism in the pursuit of his or her studies and is encouraged to report those who do. See *Connection and Student Handbook*, Appendix E, Academic Dishonesty. The Pledge follows:

Pledge

Having read the Honor Code for UWG, I understand and accept my responsibility to uphold the values and beliefs described and to conduct myself in a manner that will reflect the values of the Institution in such a way as to respect the rights of all UWG community members. As a West Georgia student, I will represent myself truthfully and complete all academic assignments honestly. I understand that if I violate this code, I will accept the penalties imposed, should I be found guilty of violations through processes due me as a university community member. These penalties may include expulsion from the University. I also recognize that my responsibility includes willingness to confront members of the University community if I feel there has been a violation of the Honor Code.

Academic Renewal

The Academic Renewal policy allows the University of West Georgia degree-seeking students who earned less than a 2.00 cumulative grade point average at the University of West Georgia to have one opportunity to make a fresh start at UWG after an absence of five calendar years from any postsecondary institution.

1. Students must apply for Academic Renewal.
2. All previously attempted coursework continues to be recorded on the student's official transcript.
3. An Academic Renewal Grade Point Average is begun when the student resumes taking coursework following the five-year period of absence once Academic Renewal has been granted. The institution will place a statement on the student's transcript indicating the Academic Renewal status and the beginning of a separate Academic Renewal GPA in addition to an overall UWG GPA.
4. The Academic Renewal GPA will be used for determining academic standing and eligibility for graduation. *At least 50% (60 hours) of course work must be completed after the granting of academic renewal for a student to be eligible for graduation with honors.*
5. Academic credit for previously completed coursework - including transfer coursework - will be retained only for courses in which an 'A', 'B', 'C', or 'S' grade was earned. Retained grades are not calculated in the Academic Renewal GPA, but are counted in Academic Renewal hours earned.
6. Transfer credit
 - A. Suspended/dismissed students: a student who has been suspended or dismissed from UWG and has attended one or more System institutions during the period of suspension or dismissal will not be eligible for Academic Renewal.

- B. Non-suspended/dismissed students: a student who has not been suspended or dismissed from UWG, but who has been absent from UWG five years or more and who has attended a school other than UWG may choose only one of the following options:
1. A student may return to UWG subject to all relevant transfer and reentry policies. No renewal GPA is calculated and transfer credit will be granted for applicable courses taken during the absence.
 2. A student may apply for Academic Renewal. If Academic Renewal status is approved, no transfer credit will be granted for course work completed during the absence.
7. To earn a degree, a student must meet the University of West Georgia's residency requirements. UWG will apply the retained hours earned prior to Academic Renewal toward the residency requirement.
 8. All remaining courses for the current degree objective must be completed at UWG. No transient credit will be accepted.
 9. A student can be granted Academic Renewal status only once.
 10. Any previous notation of academic probation, suspension, and dismissal will remain recorded on the student's transcript.
 11. A student re-enrolling after an absence of five or more years must apply for Academic Renewal within three semesters of enrollment or within one calendar year, whichever comes first.
 12. The Academic Renewal GPA begins with the first term following re-enrollment.
 13. Admission or re-entry into any specific degree program (such as teacher education, nursing, business majors, selected majors in the College of Arts and Sciences) is not automatic. Admission criteria for specific programs are determined by the department where the program is housed.
 14. The granting of Academic Renewal does not supercede financial aid policies regarding Satisfactory Academic Progress.
 15. United States and Georgia history and constitution requirements and Regents' Test scores met prior to the granting of academic renewal will remain on the student's transcript even though the courses may not count in the Academic Renewal GPA or Academic Renewal hours earned.
 16. Students desiring to enroll in a major offered by the College of Education must submit a letter explaining why they should be considered for Academic Renewal along with the Academic Renewal application.

Air Force ROTC

University Of West Georgia students may participate in the Air Force Reserve Officer Training Corps through the ARCHE cross-registration program. It involves an elective curriculum taken alongside required college classes. Students participating in the program attend Air Force ROTC classes and training taught weekly at the Georgia Institute of Technology on Tuesdays and Thursdays in addition to courses taken to complete a degree at UWG. Students must balance their course schedule to allow for travel time to and from Georgia Tech. Students earn a college degree and an officer's commission in the U.S. Air Force at the same time. A student who completes the Air Force ROTC Program qualifies as a commissioned officer and will be allowed to enter active duty in the U.S. Air Force. Air Force ROTC offers competitive 4, 3.5, 3, 2.5, and 2 year college scholarships to qualified college students based on merit. Non-competitive

scholarships are also available based on major to include foreign languages. Scholarships vary from \$3,000, \$9,000, \$15,000, all the way up to full tuition and required fees. Scholarship winners also receive a stipend of up to \$400 for each academic month in addition to a \$900 allowance for books and other educational items. Nonscholarship students also receive the stipend and book allowance as contracted cadets in the program.

Audit of Courses

Regulations are listed in Chapter IV, "Auditors," and Chapter IX (this section), under "Grades, Grade Points," within the description under grade of V.

Class Absence

Class attendance policies are determined by each instructor for his or her own classes, subject to the following principles: class attendance policies shall be stated clearly during the drop-add period; each student is responsible for everything which happens in class and is responsible for making specific arrangements with the instructor for the work missed, including that missed during illness or university-sponsored activities; students absent from class while officially representing the University should not be penalized in the calculation of final grades; students may be dropped from the class by the instructor for violation of the instructor's attendance policy with a grade of W up to the midpoint of the semester or with the grade of WF following the midpoint of the semester; any student who is unable to continue attendance in class should either drop the course, withdraw from the University, or make appropriate arrangements with the instructor; any student who must be absent for more than three successive days is required to notify the Student Development Center, Parker Hall, telephone 678-839-6428. It is also recommended that the student notify the instructor or department.

Faculty members have the authority to drop students who do not contact them or attend the first two class meetings for classes which meet daily (or the first class meeting for classes which meet less frequently). Faculty do not, however, automatically drop students who miss these first classes. Students who do not intend to remain in a course must drop the course before the end of the official drop/add period. Failure to drop a course during the drop/add period may result in grades of F in courses not attended.

Classification

Student classification is based on the number of earned semester hours of academic credit. The classifications are as follows:

Freshman	0-29 earned semester hours
Sophomore	30-59
Junior	60-89
Senior	90 or more

College Preparatory Curriculum Deficiencies

Students who are admitted with College Preparatory Curriculum Deficiencies in the areas of social science, science, or foreign language are required to complete with a grade of "C" or better one additional course in each area of deficiency (Social Science deficiency is satisfied with ANTH 1102 only). Credit will be given for courses used to satisfy College Preparatory Curriculum Deficiencies, but such credit may not be used to satisfy Core Curriculum or degree requirements.

Students with College Preparatory Curriculum deficiencies in English must take

the CPE in English and in reading. Those with College Preparatory Curriculum Deficiencies in mathematics must take the CPE in mathematics. Students with English and mathematics CPC deficiencies who are required to enter the Learning Support Program must follow all established requirements for that program.

Deficiencies in science, social science, or foreign language should be satisfied during the student's first semester of enrollment. CPC deficiencies must be completed before the student has earned 30 hours of credit. Students who earn 30 hours of credit and have not satisfied College Preparatory Curriculum deficiencies will not be permitted to enroll in any other university-level courses unless the deficiencies are included in their schedules.

The University Year and Unit of Credit

The University is organized on the semester system. There are two semesters of approximately 15 weeks, a three-week term in May, and summer semesters of approximately four and eight weeks.

The semester hour is the unit of credit in any course. It represents one 50-minute lecture period a week for a semester. A class having three lecture periods a week will thus provide credit for three semester hours when completed satisfactorily. Two laboratory or activity hours are the equivalent of one lecture hour.

Confidentiality of Student Records

Under the provisions of the Family Educational Rights and Privacy Act of 1974, West Georgia has established policies concerning the confidentiality of student educational records. In accordance with the Act, students of West Georgia are notified that, among other rights, they have the right to seek correction of the contents of these records, to place an explanatory note in a record when a challenge is not successful, and to control (with certain exceptions) the disclosure of the contents of their records. For a full statement of the institutional policy regarding confidentiality of student records see *Connection and Student Handbook*.

University officials may provide Directory Information concerning a student unless the student files a Non-Disclosure Form with the Registrar's Office. This form must be filed annually by September 15 to assure that locator information not be published in the student directory. Directory Information includes name, address, telephone listing, e-mail address, place of birth, major field of study, dates of attendance, previous institutions attended, degrees and awards received, participation in officially recognized activities and sports, height and weight of members of athletic teams, photograph, class schedule, and full- or part-time status.

Course Changes (Drop-Add, Grade for Course Withdrawals)

Routine changes in the student's schedule must be made during the scheduled adjustment/drop/add periods for the semester or term. The precise deadlines can be found in the calendar at the beginning of this catalog.

Except for Learning Support courses and Regents' Test remediation, a student may withdraw up to the midpoint of the semester without academic penalty. A grade of W is entered for such withdrawals. Except for cases approved by the dean of the college offering the withdrawn course, the only grade which is given after the mid-semester deadline is WF.

Dean's List

Students who achieve a grade point ratio of 3.5 on a minimum of 12 semester hours of college level courses in which grades of A-F are given are placed on the Dean's List for that semester.

Learning Support

Students who place in the Learning Support Program must complete all Learning Support courses and exit test requirements within three academic semesters from the date of their initial enrollment in the Learning Support Program.

Students must make satisfactory progress toward completing the Learning Support Program in each semester of enrollment. Any student who earns two U's, or an F and a U, or two F's (in courses with two or more semester-hours credit) in a single semester is not making satisfactory progress and will be academically suspended. Under this provision, students will be suspended after only one semester of enrollment in the University.

Students who are required to enroll in Learning Support courses must continue their enrollment in the courses **each semester** until they exit the program or are academically suspended. Students are not permitted to withdraw from a Learning Support course without the approval of the Director of the Department of Learning Support.

Students enrolled in both Learning Support courses and "regular" courses may not withdraw from the Learning Support courses without withdrawing from the regular courses as well.

Students who are required to enroll in Learning Support courses are not allowed to take an academic overload.

Students are not eligible for transient status until all Learning Support requirements are met.

Students may not earn more than 20 semester hours of "regular" academic course work before completing Learning Support course and test requirements. Students who fail to exit Learning Support by the time they have earned 20 semester hours of "regular" academic course work may not enroll in additional credit courses until all Learning Support requirements are met. Following the semester in which the 20th semester hour of "regular" academic credit has been earned, students shall not be permitted to take "regular" academic courses.

Students who do not complete the requirements of the program within three semesters will be academically suspended.

Students who are suspended may petition the Director of the Department of Learning Support for readmission after **one calendar year** or after completion of Learning Support requirements and 12 semester hours of transferable credit with a 2.0 GPA from an accredited college.

English and Mathematics

Students must complete ENGL 1102 and MATH 1101, 1111, 1113, or 1634 by the time they have accumulated 60 semester credit hours or must register for these courses and continue registering for them each semester of enrollment until they have been completed. Students should plan to complete ENGL 1101, if needed, by the time they accumulate 30 semester credit hours. (See the regulations for compliance with the Regents' Test Policy.) All students must earn a grade of C or better in ENGL 1101 in order to enroll in ENGL 1102. They must also earn a

grade of C or better in ENGL 1102. Unless this grade requirement is met, such courses will not be credited toward graduation.

Examinations

Final examinations are held at the end of each term in accordance with a published schedule. No final examinations may be given in advance of the date scheduled unless authorized by the dean of the appropriate college. If a student has more than two final exams scheduled in a single day, he or she may reschedule all but two of them through the cooperation of faculty members, department chairs, college deans, and, if necessary, the Office of the Vice President for Academic Affairs. During the term of his or her graduation, an undergraduate student may be excused from final examinations at the discretion of the instructor of each course in which the student is doing passing work.

Foreign Language

Students who have completed more than two years of a foreign language in high school should begin their college language study at the 1002 level or higher. Since high school programs vary in content and quality, those in doubt about the appropriate language program class should consult with the Department of Foreign Languages faculty before registration.

Please note: Students may retake a foreign language course for credit at the 1000 or 2000 level only if they have not completed a course with a higher number for credit.

Grade Appeal

The responsibility for determining the grade of a student rests on the faculty member who has responsibility for teaching the course in which the student is enrolled. A grade originally assigned may be changed only with the consent of the faculty member responsible for the grade, unless the change is made for process reasons only.

Students who feel that the grade received in a course is arbitrary or unfair are entitled to a hearing before an impartial committee of the faculty; however, before appealing to the Committee, the student should exhaust all administrative remedies through the appropriate department chair and college dean. A grade appeal must be initiated in the semester following the one in which the grade was given. The appeal itself must be completed in one calendar year from the date the grade was assigned. For procedures for filing an appeal, see the *Connection and Student Handbook*, Appendix E.

Grades, Grade Points

(institution grade point average, grade point average for graduation, course repeat)

The following grading system is used:

Grade	Quality Points
A	Excellent..... 4
B	Good..... 3
C	Satisfactory 2
D	Passing 1
F	Failing 0
WF	Withdrew failing..... 0

W	Withdrew passing.....	0
WM	Military Withdrawal.....	0

- I— This symbol indicates that a student was doing satisfactory work, but, for non-academic reasons beyond his or her control, was unable to meet the full requirements of the course. A student must remove an “I” grade during the succeeding semester of enrollment or within one year, whichever comes first; otherwise, the grade will be changed to “F”. An instructor who assigns a grade of “I” must submit with final grade (through his or her dean) two copies of a statement indicating the level of performance (A,B,C,D) excluding the missed work and the work that must be done to remove the “I” grade. The Registrar’s Office files one copy in the student’s permanent record and sends one to the appropriate department chair. The instructor retains a copy. It is the responsibility of the student receiving the “I” grade to see the instructor or department chair (if the instructor is not available) regarding the work to be completed.
- WM— This symbol indicates a student was permitted to withdraw under the Board of Regents policy for military service refunds. The use of this symbol indicates that this student was permitted to withdraw without penalty at any time during the term.
- W— (Withdrew Passing)-This symbol indicates that the student withdrew by midpoint of the semester or the term the course was offered (excluding final examinations). Except in cases of hardship that are approved by the appropriate college dean, students may not withdraw with a grade of W after the midpoint of the total grading period. A course in which the W is received is not included in the calculation of the grade point average.
- WF— Withdrew, Failing
- S— 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 thesis hours, student teaching, clinical practicum, internship, proficiency requirements in graduate programs, and a few other courses authorized by the Chancellor.
- U— This symbol indicates unsatisfactory performance in an attempt to complete degree requirements other than academic course work. The use of this symbol is approved for thesis hours, student teaching, clinical practicum, internship, proficiency requirements in graduate programs, and a few other courses authorized by the Chancellor.
- V— This symbol indicates that a student was given permission to audit a course. The audit student is regarded as an official visitor for the purpose of reserving a seat in a course. Students may not transfer from audit to credit status or vice versa. (Additional information is available in Chapter IV, “Auditors.”)
- IP— This symbol indicates that credit has not been given in courses that require a continuation of work beyond the semester for which the student signed up for the course. The use of this symbol is approved for dissertation and thesis hours and project courses. With the exception of Learning Support courses, this symbol cannot be used for other courses. This symbol cannot be substituted for an “I” (incomplete). IP grades may not be changed to other grades.

K— This symbol indicates that a student was given credit for the course via a credit by examination program approved by West Georgia (CLEP, AP, Proficiency, etc.).

The institution grade point average is calculated by dividing the number of hours scheduled in courses attempted in which a grade of A,B,C,D,F, or WF was received into the number of grade points earned on those hours scheduled with adjustments for repeated courses according to the policies in place when the course was initially attempted. A grade of WF counts as an F. GPA's are truncated, not rounded up. The institution grade point average is recorded on the student's permanent record. Remedial credit shall in no way affect the institution grade point average.

Graduation with Honors

West Georgia awards baccalaureate degrees with honors to those who have grade point averages **on all courses attempted** and completed as follows:

- 3.5 honors (*cum laude*)
- 3.8 high honors (*magna cum laude*)
- 3.9 highest honors (*summa cum laude*)

Those candidates who have transferred from other institutions will qualify for honors if they meet the following criteria:

1. attainment of an honors grade-point average on all work attempted and completed at West Georgia; and
2. attainment of an honors grade-point average on the combined total of all courses attempted and completed at West Georgia and other institutions.

Hardship Withdrawal Policy

Students may request a hardship withdrawal after the official withdrawal ("W" date) deadline published in the calendar at the beginning of this catalog until the day before the scheduled Reading Day of the term. A hardship withdrawal is an exception based on unusual or emergency circumstances beyond the student's control.

A hardship withdrawal may be granted based upon special circumstances. The following conditions apply:

- The student must initiate a hardship withdrawal through the Associate/Assistant Dean of the college to which the student belongs. The student should be prepared to present documented evidence to substantiate the hardship being claimed. If a psychological assessment is required, the Associate/Assistant Dean may require the student to meet with the Director of Student Development (in Room 187, Parker Hall).
- The student must withdraw from all classes during the current term. He or she may not select only certain classes from which to withdraw.
- If recommended for hardship withdrawal by the student's Associate/Assistant Dean, for each course a student will receive a W.
- Hardship withdrawals requested on or after the scheduled Reading Day will be treated as a retroactive hardship withdrawal. Retroactive hardship withdrawals will not be allowed if the student has completed all course requirements such as a final examination and/or a final project. Students seeking a retroactive hardship withdrawal must initiate the withdrawal through the student's Associate/Assistant Dean. If recommended for a

hardship withdrawal, the grade will be changed to a W through the official Grade Appeal process involving a Change of Grade form for each course taken. (See Grade Appeal process, <http://www.westga.edu/handbook/> or *Connection and Student Handbook*, Appendix J.)

Documentation for a hardship withdrawal is based upon the category of hardship being claimed by the student. Examples of documentation might include:

- **Medical:** Physician's report, including name, address, phone, nature of illness or accidents, dates of treatment, prognosis, and recommendation
- **Psychological:** Memo from a Student Development Center counselor, letter from private psychological or psychiatric service, illness, dates
- **Personal/Familial:** Copy of divorce papers, police reports, obituaries, other as relevant

Under *unusual* circumstances, a student may be granted a hardship withdrawal from only one class, while being allowed to remain in others. An example would be a student who is passing an applied piano course and injures a finger, thus being unable to play the piano the rest of the semester. A student would be allowed to complete other courses being taken concurrently. The student requesting a hardship withdrawal from one course must take all documentation to the Associate/Assistant Dean of the college offering the course.

The following list is illustrative of invalid reasons for a hardship withdrawal. A request using these reasons will not be approved.

- Poor performance in one or more courses
- Registration for the wrong course
- Preference for a different professor or class section
- Failure to drop course during the drop/add period
- Failure to withdraw by the published deadline using normal procedures

Independent Studies

Some departments may offer independent studies, directed readings, and individual research projects. These are not substitutes for scheduled courses (though department chairs may authorize such substitutions in exceptional circumstances). When offered, independent studies are intended to provide students who are well advanced in their majors with the opportunity to explore research projects on their own with limited faculty supervision.

Orientation

To assist new students in becoming adjusted to college life as quickly as possible, West Georgia conducts an orientation program which consists of testing, preregistration advisement, special lectures, and social gatherings. All new students are required to participate.

Physical Education

University policy allows each of the three colleges to set its own physical education requirements. For this catalog year, the requirements are as follows:

1. The College of Arts and Sciences has no physical education requirement.
2. The College of Business requires 3 hours of physical education.
3. The College of Education requires 3 hours of physical education that must include one 2-hour Health and Wellness course and one 1-hour activity course.

All students are required to satisfy the physical education requirements of

the college from which they graduate (not the college in which the student was first admitted as a degree candidate). The physical education **activity** requirement will be waived for veterans with two years active military duty. No PWLA course credit may be applied toward the number of academic hours required for a degree.

For detailed requirements and exceptions, see the specific degree program description section of the catalog.

Regents' Test Policy

Students enrolled in undergraduate degree programs leading to the baccalaureate degree must pass the Regents' Test as a requirement for graduation. Exemption is possible through scores earned on national exams such as SAT, ACT, IB, and AP.

1. All students, including transfer students and readmitted students, must take the Regents' Test during their first semester of enrollment.
2. Students who have not attempted and/or passed the Regents' by the end of their second semester of enrollment must enroll in and complete the appropriate skills course(s) each semester of enrollment until they have passed the test
3. Transfer students from within the University System of Georgia are subject to all provisions of the Regents' Test Policy and are treated as continuing students at a single institution.
4. Transfer students from outside the University System of Georgia must take the Regents' Test during their initial semester of enrollment and are subject to all provisions of the Policy during subsequent semesters of enrollment.
5. Students who are required to take Regents' Test remediation are not permitted to carry overloads. Remedial hours are to be counted as a regular part of the academic load.
6. Students who are enrolled in remedial courses must attend regularly and complete all assignments in order to be eligible to test. Students who are in violation of remedial course policies will be given a grade of *U* and may be administratively withdrawn from West Georgia.
7. A student may request a formal review of failure on the essay component of the Regents' Test if the essay received at least one passing score among the three scores awarded *and* if the student has successfully completed ENGL 1102.

The Regents' Test is administered near the midpoint of each semester. Students should apply to take the Test during the first three weeks of the semester by completing the online form on BANWEB.

A student holding a baccalaureate or higher degree from a regionally accredited institution of higher education will not be required to pass the Regents' Test in order to receive a degree from a University System institution.

Registration

Registration for a future semester is held for continuing students and new fully admitted graduate students during the preceding semester. Course listings are available on Banweb, <http://banweb.westga.edu/under> Public Access, Class Bulletin. The *Scoop* gives detailed instructions for registering and paying fees.

New Student Registration is held for new students immediately before the beginning of the semester.

Late Registration is held during the drop/add period of the semester. A late registration fee is charged.

Repeating a Course to Replace a Grade

A student may repeat a course taken at West Georgia in order to replace an earlier grade earned in a course taken Fall 1996 or later. Grades earned in courses taken at other institutions cannot replace grades earned in courses taken at the University of West Georgia. In the case of courses with variable course titles, the repeated course must have the exact same title as the original course. Beginning Summer Semester 2001, students can repeat XIDS 2001, 2002, and 2100 and use the grade replacement rules regardless of the titles of the courses taken. The academic standing and graduation GPA will be based on the last attempt at all courses taken at the institution.

Study Abroad

The University offers a number of study-abroad programs during the summer semester and for longer periods.

In summer, the following are some of the programs available: French Language, Civilization, and Literature in Tours, France, followed by one week in Paris and another in Nice; Spanish Language, Culture, and Literature in Cuernavaca, Mexico; International Business in Carrollton, New York, and London; Art and Art History in Bayeux, France, followed by one week in Paris and another in London. Statewide programs, offering a variety of courses taught by faculty from around Georgia, are coordinated through the Office of International Programs. These programs take place in Paris; London (Roehampton Institute); St. Petersburg, Russia; China; and Greece.

In addition, students who want a longer foreign experience can spend a semester or a full academic year at the University of Northumbria in Newcastle, England. Through the University's exchange agreement, a student will enroll at the University of West Georgia, paying tuition and fees, but will study in England. This arrangement provides an inexpensive opportunity for extended study abroad in various disciplines at an English-speaking institution.

Summer Semester

The summer semester operates on an eight-week basis with courses offered in two four-week terms or in the full term. There is also a three-week term offered between the end of spring and the beginning of summer term. A student may take up to 18 hours, if scheduling allows, thus completing a full semester's work. (See section of Academic Load, page 101.)

Technology Access Policy

The University of West Georgia requires all students to have ready access to a computer as students will be expected to use a computer for coursework. Purchasing a new or used computer is not required, but is recommended. The University provides some computer labs on campus; however, access to these labs at times may be limited. Students are responsible for making plans necessary for timely completion of their class assignments. All students must have access to e-mail, word processing, spreadsheet, and web browsing software. For more details on what is recommended see the TechLife Website, <http://www.westga.edu/~techlife/access.shtml>.

Transfer of Credit

See Chapter IV, Transfer Students, for regulations regarding transfer of credit.

Transient Student Status

Students wishing to attend another college or university and take courses there to count towards their degree at West Georgia must have a cumulative grade point average of 2.0 or higher at West Georgia and must obtain permission of the dean of their major college. Students desiring to be transients elsewhere should also consult with their advisor and, if appropriate, the chair of their department. Transient status is given for one semester at a time, and the student must have the other college send a transcript of the courses taken to the Registrar at West Georgia in order to receive credit for the work.

Students who are denied transient status or who are not eligible for transient status and who enroll in another institution are not eligible to return to West Georgia until they have completed two semesters of enrollment in the other institution. Students suspended from West Georgia at the time of enrollment in the other institution must complete two semesters at the institution and satisfy the terms of their suspension.

Students who are required to participate in the Learning Support Program are not eligible for transient status until all program requirements are met.

The same limitations which apply to any other credits accepted by West Georgia from other colleges or universities also apply to credits earned under transient status.

Two-Year College Graduates/Former Students

For a one time option only, students who have been academically suspended or dismissed from West Georgia may, as two-year graduates of accredited colleges or universities, be readmitted as degree candidates. A minimum of 60 academic hours after the associate degree with at least a 2.0 grade point average is required for the bachelor's degree.

Students accepted as transients from a two-year college to complete one or more courses needed for graduation at a two-year college will not be permitted to complete other work while enrolled as transients, or to include the transient credit in the 60 hours of work required at West Georgia.

The following notation shall be placed on the official transcript of two-year college graduates readmitted to West Georgia:

Readmitted as two-year college graduate; must complete a minimum of 60 additional hours with at least a 2.0 average for a bachelor's degree.

U.S. and Georgia History and Constitution Requirements

Georgia state law requires that any person receiving a degree from a state-supported institution of higher learning must pass examinations in the histories of the United States and Georgia and on the Constitution of the United States and Georgia.

Students may meet these requirements by passing HIST 2111 or 2112 and POLS 1101 at West Georgia. The U.S. and Georgia history requirements may also be satisfied by passing examinations developed by the History Department and administered by the Testing Office.

Transfer students who have fulfilled any or all of these requirements will be notified of that fact at the time of admission on the "Evaluation of Transfer

Credit” form. Students transferring from institutions outside the state of Georgia who receive credit for HIST 2111 or 2112 and/or POLS 1101 will not have satisfied the Georgia history and constitution requirements. The Georgia history and constitution requirements can be satisfied by passing examinations administered each semester by the Testing Office.

Withdrawal

Formal withdrawal from the University must begin with written approval from the Registrar’s Office. At the time approval is granted, specific instructions are given to the student for the completion of formal withdrawal. The student is not withdrawn until clearance has been obtained from the Registrar’s Office, Parker Hall, telephone 678-839-6438. Failure to officially withdraw may result in grades of F for the semester.

A student may be administratively withdrawn from the University when the Vice President for Student Services in consultation, when appropriate, with the student’s parents or spouse, the Director of the Student Development Center, and the University Physician, determines that the student suffers from a physical, mental, emotional, or psychological health condition which (a) poses a significant danger or threat of physical harm to the student or to the person or property of others, (b) causes the student to interfere with the rights of other members of the university community or with the proper activities or functions of the University or its personnel, or (c) causes the student to be unable to meet institutional requirements for admission and continued enrollment as defined in the Student Conduct Code and other publications of the University.

Except in emergency situations, a student shall, upon request, be accorded an appropriate hearing prior to a final decision concerning continued enrollment at the University.

See Hardship Withdrawal Policy, page 110.



X. ACADEMIC PROGRAMS AND UNITS OF INSTRUCTION

Degree Programs

Minors

Pre-Professional Programs

Requirements For Undergraduate Degrees

Specific Requirements for Bachelor of Arts Degree

Specific Requirements for Bachelor of Science Degree

Specific Requirements for Bachelor of Science in Chemistry Degree

Specific Requirements for Bachelor of Science in Nursing Degree

Specific Requirements for Bachelor of Science in Recreation Degree

Specific Requirements for Bachelor of Science in Education Degree

Specific Requirements for Bachelor of Business Administration Degree

Specific Requirements for Bachelor of Music Degree

Specific Requirements for Bachelor of Fine Arts Degree

Specific Requirements for a Minor

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Graduation Policies

Requirements for a Double Major

Requirements for Two Baccalaureate Degrees

Requirements for a Second Baccalaureate Degree

Core Curriculum

Physical Education Requirements

Units of Instruction

College of Arts and Sciences

Richards College of Business

College of Education

Programs of Study

PREREQUISITES: Many of the courses described in this catalog list prerequisites. Prerequisites are courses or program requirements which

ACADEMIC PROGRAMS AND UNITS OF INSTRUCTION

DEGREE PROGRAMS

The University of West Georgia offers the degrees listed below. Majors or areas of concentration available under each degree are also shown.

Bachelor of Arts

Anthropology
Art
Biology
Chemistry**
English**
French*
Geography
German
Global Studies
History**
International Economic Affairs
Mass Communications
Mathematics
Philosophy
Political Science
Psychology
Spanish*
Theatre

Bachelor of Business Administration

Accounting
Economics
Finance
Management
Management Information
Systems
Marketing
Real Estate

Bachelor of Fine Arts

Art
Art Education

Bachelor of Music

Composition
Music Education
Music, Elective Studies in
Business
Performance
Performance, Emphasis in Jazz
Studies
Performance, Emphasis in Piano
Pedagogy

Bachelor of Science

Biology**
Computer Science

Criminology
Earth Science**
Economics**
Geography
Geology
Mathematics**
Physics**
Political Science
Sociology

Bachelor of Science in Chemistry

Bachelor of Science in Education

Business Education (7-12)
Early Childhood Education (P-5)
Middle Grades Education (4-8)
Physical Education (P-12)
Speech-Language Pathology
Special Education

Bachelor of Science in Environmental Science

Bachelor of Science in Environmental Studies

Bachelor of Science in Nursing

Bachelor of Science in Recreation

Sport Management

Master of Arts

English
Gerontology
History
Psychology
Sociology

Master of Business Administration

Master of Education

Administration and Supervision
Art Education
Business Education
Early Childhood Education
French Language Teacher Education
Media
Middle Grades Education
Physical Education
Professional Counseling

*Certification obtainable in grades P-12

**Certification obtainable in grades 7-12

Reading Education
 Spanish Language Teacher
 Education
 Special Education
 General Curriculum
 Adapted Curriculum
 Speech-Language Pathology
 Secondary Education
 English
 Mathematics
 Science
 Social Studies
Master of Music
 Music Education
 Performance
Master of Professional Accounting
Master of Public Administration
Master of Science
 Applied Computer Science
 Biology
Master of Science in Mathematics
Master of Science in Nursing
**Master of Science in Rural and Small
 Town Planning**
Specialist in Education
 Administration and Supervision

Business Education
 Early Childhood Education
 Media
 Middle Grades Education
 Physical Education
 Professional Counseling
 Secondary Education
 English
 Mathematics
 Science
 Social Studies
 Special Education
 Curriculum Specialist
 Leadership

Doctor of Education

School Improvement
 Professional Counseling and
 Supervision

Doctor of Psychology

Individual, Organizational, and
 Community Transformation

Post-Master's Certificate

Health Systems Leadership
 Nursing Education

Non-Degree Initial Certification Programs in Education

Art (P-12)	Earth/Space Science (7-12)	Media Specialist (P-12)
Behavior Disorders (P-12)	English (7-12)	Middle Grades Education (4-8)
Biology (7-12)	French (P-12)	Music (P-12)
Broad Field Science (7-12)	History (7-12)	Physical Education (P-12)
Business Education (7-12)	Learning Disabilities (P-12)	Physics (7-12)
Chemistry (7-12)	Mathematics (7-12)	School Counseling (P-12)
Early Childhood Education (P-5)		Spanish (P-12)

Non-Degree Add-On Certification Programs and Endorsements in Education

Administration and Supervision	Director of Special Education	Learning Disabilities
Behavior Disorders	ESOL Endorsement	Media Specialist
Director of Media Centers	Gifted Endorsement	Reading Endorsement
Director of Pupil Personnel	Instructional Supervision	Reading Specialist
	Interrelated Special Education	School Counseling
		Teacher Support Specialist

Minors

Minors are offered in the following fields: Accounting, Africana Studies, American Studies, Anthropology, Art, Art History, Biology, Business Administration, Chemistry, Computer Science, Creative Writing, Criminology, Economics, Environmental Studies, Film Studies, Finance, French, Geographic Information Systems, Geography, Geology, German, History, Latin American Studies, Literature, Management, Management Information Systems, Marketing, Mass Communication, Mathematics, Music, Philosophy, Physics, Political Science, Psychology, Real Estate, Religion, Sociology, Spanish, Theatre, and Women's Studies. See specific requirements in this section.

Pre-Professional Programs

Although degrees are not conferred in pre-professional areas such as pre-medicine or pre-dentistry, programs of study are available that prepare students to enter other institutions where they can complete their professional training. Some of the programs call for the student to complete a four-year sequence in a major; others call for the student to complete a two- or three-year sequence of study. Since requirements vary according to the student's needs, it is important that students declare their intentions to pursue specialized study so that they may receive proper advisement. Pre-professional areas and the departments responsible for advising are listed below:

Course of Study

Engineering, dual degree program with Georgia Tech, Mercer, or Auburn— a 5-year program

Pre-Engineering
Pre-Forestry

Pre-Law

Pre-Medical Professions including medicine, dentistry, dental hygiene, veterinary medicine, physical therapy, and physician's assistant

Pre-Pharmacy

Advising Area

Physics, Chemistry, or Geology

Physics, Chemistry, or Geology
Biology

Political Science

Biology or Chemistry

Chemistry

Requirements For Undergraduate Degrees

Specific Requirements for Bachelor of Arts Degree

1. A minimum of 120 hours of academic college work in an approved program and completion of the physical education requirement of the college from which one takes a degree. The approved program must include 60 semester hours in the Core Curriculum.
2. A minimum of 39 semester hours of work in courses numbered 3000 or above. Twenty-one of these hours must be in the major field and 12 of these hours must be taken at West Georgia.
3. Thirty-three semester hours must be completed in residence. Twenty of these hours must be in the senior year.
4. Attain a minimum institutional grade point average of 2.0 and a minimum

- grade point average of 2.0 in the courses used to satisfy the major.
5. Major courses and professional education sequence courses are not to be taken by correspondence or extension. Not more than 30 hours of the program and none of the professional education sequence may be done by extension or correspondence, nor may more than 30 hours be completed at off-campus sites.
 6. If in a program involving teacher certification at the secondary level, the student must meet the following requirements:
 - a. Earn a grade of C or above for all professional sequence courses in education and for courses listed under content field.
 - b. Submit an application for admission to the teacher education program (usually as part of course requirements in EDFD 2303). Transfer students and other students who do not take EDFD 2303 at West Georgia should make application for admission to teacher education with the Director of Field Experiences in the College of Education. Application should be made at the beginning of the junior year or at the end of the first semester in residence, whichever is later. Students should be admitted to teacher education at least one semester prior to enrolling in the pre-student teaching block.
 - c. Submit an application for student teaching placement with the Director of Field Experiences. Application for placement is usually made while the student is enrolled in the pre-internship block courses. If the application is not made at that time, the student must apply within the first three weeks of the semester preceding the semester in which he or she expects to student teach.
 - d. Satisfactorily complete a course of three or more semester hours in the identification of children who have special needs as required by Georgia House Bill 671 for students seeking certification as teachers, principals, and counselors.
 7. Complete 2002 (or equivalent) in a foreign language. (Students obtaining a B.A. in Chemistry will complete through 2001 only). Entering students with previous language experience are encouraged to take a placement test if they plan to continue the study of the same language.
 8. Students must pass the Regents' Test of the University System of Georgia.
 9. Satisfactorily complete Political Science 1101 and History 2111 or 2112. Exemption from history may be earned by passing appropriate tests.

Specific Requirements for Bachelor of Science Degree

1. A minimum of 120 semester hours of academic college work in an approved program and the physical education requirement of the college from which one graduates. The approved program must include 60 semester hours in the Core Curriculum.
2. A minimum of 39 semester hours of work in courses numbered 3000 or above. Twenty-one of these hours must be in the major field, and 20 of these hours in the major must be taken at West Georgia.
3. Thirty-three semester hours must be completed in residence. Eighteen of these hours must be in the senior year.
4. Attain a minimum institutional grade point average of 2.0, and a minimum grade point average of 2.0 in the courses used for the major.

5. Complete other requirements for the major listed by individual departments.
6. Complete the science major option of Core Areas A & D, if required.
7. Students must pass the Regents' Test of the University System of Georgia.
8. Satisfactorily complete Political Science 1101 and History 2111 or 2112. Exemption from history may be earned by passing appropriate tests.
9. Not more than 30 hours of the program and none of the professional education sequence may be done by extension or correspondence, nor may more than 30 hours be completed at off-campus sites.

Specific Requirements for Bachelor of Science in Chemistry Degree

1. A minimum of 120 semester hours of academic college work in an approved program. The approved program must include 60 semester hours in the Core Curriculum.
2. A minimum of 39 semester hours of work in courses numbered 3000 and above. Twenty-one of these hours must be in the major field, and 20 of these hours in the major field must be completed at West Georgia.
3. Thirty-three semester hours must be completed in residence. Eighteen of these hours must be in the senior year.
4. Students are allowed only one "D" in the courses used to satisfy the major. The minimum institution grade point average required for graduation is 2.0.
5. Students must complete other requirements for the major as listed by the Department of Chemistry.
6. Complete the science major option of Core Areas A & D.
7. Students must pass the Regents' Test of the University System of Georgia.
8. Satisfactorily complete Political Science 1101 and History 2111 or 2112. Exemption from history may be earned by passing appropriate tests.
9. No more than 30 hours of the program and none of the professional education sequence may be done by extension or correspondence, nor may more the 30 hours be completed at off-campus sites.
10. There is no physical education requirement. Physical education classes will not count as electives.

Specific Requirements for Bachelor of Science in Nursing Degree

1. A minimum of 120 semester hours of academic college work including 60 semester hours in the Core Curriculum.
2. A minimum of 39 semester hours of work in courses numbered 3000 or above. Twenty-one to 33 hours must be in the major field and at least 18 hours must be taken at West Georgia.
3. Thirty-three semester hours must be completed in residence. Eighteen of these hours must be in the senior year.
4. Attain a grade point average of 2.5 in all supporting courses and attain a grade of C or higher in all nursing courses.
5. Complete other requirements for the major as listed by the Nursing Department.
6. Students must pass the Regents' Test of the University System of Georgia.

7. Satisfactorily complete Political Science 1101 and History 2111 or 2112. Exemption from history may be earned by passing appropriate tests.
8. Not more than 27 semester hours of the entire program may be done by extension or correspondence, nor may more than 27 hours be completed at off-campus sites.

Specific Requirements for Bachelor of Science Degree in Recreation

1. A minimum of 120 semester hours of academic work in an approved program. The approved program must include 60 semester hours in the Core Curriculum, plus completion of the College of Education physical education requirement.
2. A minimum of 39 semester hours of work in courses numbered 3000 and above. Twenty-one of these hours must be in the major field, and 15 of these hours must be completed at West Georgia.
3. Thirty hours must be completed in residence. Eighteen of these hours must be in the senior year.
4. Students must pass the Regents' Test before being admitted to the program.
5. Satisfactorily complete Political Science 1101 and History 2111 or 2112. Exemption from these courses may be earned by passing appropriate tests.
6. No more than 30 hours of the entire program may be done by extension or correspondence, nor may more than 30 hours be completed at off-campus sites.
7. Must have an overall grade point average of 2.5 to enter professional courses.
8. Attain a grade of at least 'C' in the internship experience. The minimum overall cumulative grade point average required for internship and graduation is 2.5.
9. Satisfy requirements of one of the options.
10. Complete other requirements for the major as determined by the Department of Physical Education and Recreation.

Specific Requirements for Bachelor of Science in Education Degree

A student may receive a Bachelor of Science in Education degree which, with the recommendation of the College of Education, qualifies the graduate for an early childhood (grades P-5), a middle grades (grades 4-8), a business education (grades 7-12), a special education (grades P-12), or a physical education (grades P-12) teaching certificate by meeting the following requirements:

1. A minimum of 120-126 semester hours (dependent upon program) of academic college work in an approved program and three (3) semester hours of physical education are required, including PWLA 1600. The approved program must include 60 semester hours in the Core Curriculum.
2. A minimum of 39 semester hours of work in courses numbered 3000 or above. Twenty-one to 33 of these hours must be in the major field and 18 of these hours in the major must be taken at West Georgia.
3. Complete Political Science 1101 and History 2111 or 2112. Exemption from these courses may be earned by passing appropriate tests.
4. Thirty semester hours must be completed in residence.
5. Attain the admission requirements for the major (see **Admission to Teacher**

Education Requirements and Retention Requirements, p. 411).

6. Complete other requirements for the major as listed by individual departments.
7. Students must pass the Regents' Test before being admitted to Teacher Education.
8. Make application for admission to the teacher education program (see p. 411).
9. Make application for all practicum, internship, and block courses with the Office of Field Experiences prior to enrollment in the courses. These deadlines apply (see p. 408):

<u>Application For</u>	<u>Deadline</u>
Fall Semester	First Monday in February
Spring Semester	First Monday in May
10. Satisfactorily complete a course of 3 or more semester hours in the identification and education of children who have special needs as required by Georgia House Bill 671 for teachers, principals, and counselors.
11. Not more than 30 hours of the entire program and none of the professional education sequence may be done by extension or correspondence, nor may more than 30 hours be completed at an off-campus site with the exception of external degree programs.
12. The appropriate content assessments(s) required by the Georgia Professional Standards Commission must be completed and passed before a candidate can be recommended for certification.

Specific Requirements for Bachelor of Business Administration Degree

1. A minimum of 120 semester hours of academic college work in an approved program and three (3) hours of physical education are required. The program must include 60 semester hours in the Core Curriculum.
2. A minimum of 48 semester hours of work in courses numbered 3000 and above. Twelve of these hours in the major field must be completed at West Georgia.
3. Acceptance as a major in the specific discipline.
4. Thirty semester hours must be completed in residence unless specified in a Regent's agreement. The last 27 hours of the program must also be in residence.
5. Attain a minimum institution grade point average of 2.0 for graduation. Attain a minimum 2.0 for Core Area F. Attain a minimum of 2.0 for the business junior core. Attain a minimum of 2.0 for the major field requirements. No more than one D is accepted in courses presented to satisfy major field requirements.
6. Students must pass the Regents' Test.
7. Satisfactorily complete Political Science 1101 and History 2111 or 2112. Exemption from history may be earned by passing appropriate tests.
7. Not more than 27 hours of the entire program may be done by extension or correspondence, nor may more than 27 hours be completed at off-campus sites unless specified in a Regents' agreement.
9. Complete other requirements for the major as listed by the department.
10. At least 50 percent of the business credit hours required for the business degree must be earned at West Georgia.

11. To specify a second major in business administration, students must contact the chair of both departments selected. The chair of each department will develop a program of study. Students must complete all major and degree requirements for both majors.

Specific Requirements for Bachelor of Music Degree

1. All new and transfer students planning to major in music must audition for the music faculty on the principal performing instrument or voice and be evaluated and advised for placement in a program prior to the first semester of study.
2. In the fall semester of the Freshman year, students must enroll in courses in Area F of the Core Curriculum: MUSC 1000 Comprehensive Music Laboratory, MUSC 1301 Music Theory I, MUSC 1401 Aural Skills, MUSC 2600 Principal Applied (Performance majors: 2 credit hours; Music Education, Composition, and Elective Studies in Business majors: 1 credit hour), MUSC 1501 Keyboard Skills, and the large ensemble appropriate to the major instrument or voice.
3. Students must register for Principal Applied (the principal performing instrument or voice) each term offered until the appropriate number of credit hours have been earned in MUSC 2600 and MUSC 4600. Students enroll in Principal Applied at the 2600 level (Freshman and Sophomore), and after successful completion of the level-change examination, 4600 level (Junior and Senior).
4. Students pursuing two degrees must meet all of the requirements for both degree programs.
5. Music majors must enroll in MUSC 1000 (Section 01) Comprehensive Music Laboratory each semester, except for summers and the semester of the internship, until they have completed 6 semesters of satisfactory attendance or until graduation if they have earned an S grade for each fall and spring semester enrolled. Transfer students may transfer equivalent Comprehensive Music Laboratory credit earned at other institutions, if approved by the Department Chair.
6. Passing the Keyboard Skills course sequence constitutes keyboard proficiency (i.e., MUSC 1501, 1502, 2501, 2502). Students must enroll in Keyboard Skills each term offered for a minimum of four semesters and until successful completion. A course or courses in the sequence may receive credit by examination. Credit by examination for any course must be validated by the course's faculty and processed through the Music Office and the Office of the Registrar. The requirements for each proficiency level are included in the various Keyboard-Skills course syllabi.

Specific Requirements for a Bachelor of Fine Arts Degree

1. A minimum of 120 semester hours of academic college work in an approved program. The program must include 60 semester hours in the Core Curriculum.
2. A minimum of 39 semester hours of work in courses numbered 3000 and above. Twenty-seven to thirty-two of these hours must be in the major field as specified by areas of concentration. Twenty-one of these hours must be taken at West Georgia. Also, 9 hours in the area of concentration must be taken at West Georgia.

3. Thirty-three semester hours must be completed in residence. Twenty of these hours must be in the senior year.
4. Attain a minimum institution grade point average of 2.0 and a grade point average of 2.0 in the courses used to satisfy the major field requirements.
5. Students must pass the Regents' Test of the University System of Georgia.
6. Satisfactorily complete Political Science 1101 and History 2111 or 2112. Exemption from history may be earned by passing appropriate tests.
7. Not more than twenty-seven hours of the program may be done by extension or correspondence, nor may more than 27 hours be completed at off-campus sites.
8. During the senior year, successfully present a solo exhibition of work. This exhibition must be held within the Department of Art.
9. Courses of variable credit may be taken for a maximum of fifteen credits in one area of concentration.
10. No independent studies or directed readings may be taken toward the fulfillment of any of the above degree requirements.
11. No courses may be substituted for listed required courses.
12. Admission to the Teacher Education requires a GPA of 2.7 and passage of PRAXIS I.
13. Admission to the Teaching Internship requires the satisfactory completion of prerequisite education courses. Application must be made by May of the calendar year prior to the internship term.
14. There is no physical education requirement, and physical education classes will not count as electives.

Specific Requirements for a Minor

1. Complete 15-18 semester hours of required coursework in an approved minor
2. A minimum of 9 semester hours of the courses must be numbered 3000 and above.
3. Courses taken to satisfy Core Areas A through E may not be counted.
4. Courses taken in Core Area F may be counted.
5. Courses taken to satisfy major requirements may not be counted.
6. Students must attain a minimum grade point average of 2.0 in courses used to satisfy the minor.

Degree Requirements for Select Students

1. A minimum of 45 hours of advanced work (courses numbered 3000-4999 inclusive).
2. A minimum of 60 semester hours must be completed in residence (on West Georgia Campus).
3. A total of 120 semester hours.
4. A 3.2 grade point in the major and minor fields considered separately.
5. Credit for Core requirements of West Georgia for a B.A. degree.
6. For a B.A. degree, satisfy B.A. degree requirements 1, 2, 5, 7, 8, 9. Complete a minimum of 24 semester hours in the major in courses numbered 3000 or above. Students who seek teacher certification must complete the required teacher education program.

7. For a B.S. degree, satisfy B.S. degree requirements 1,2,3, 7, 8, and 9 and enough additional hours to total 120 semester hours.

Graduation Policies

1. The application for graduation including payment of the graduation fee must be completed during the semester immediately preceding the student's planned semester of graduation. See the University Calendar for the specific application deadline date.
2. The student must be approved formally for graduation by the faculty.
3. To qualify for graduation, candidates may choose to meet the degree requirements of the current catalog or of any catalog within six years prior to graduation, provided that the candidate was enrolled in the degree program during the year of the catalog chosen.
4. A student's graduation will be delayed one semester if:
 - a. The final semester's work toward the completion of requirements is taken as a transient student.
 - b. All "I's" are not removed and recorded in the Registrar's Office and recorded on the student's transcript two weeks prior to the graduation date.
 - c. Correspondence course grades are not received in the Registrar's Office and recorded on the student's transcript two weeks prior to the graduation date.
5. UWG awards degrees three times a year corresponding with the end of each semester and only to the students who have applied and are meeting all requirements at the time final grades are posted. Students who have applied for graduation for a semester and are not completing all requirements at the time final grades are posted will be deferred until the next time degrees are awarded.

Students are requested to attend graduation. If attendance is not possible, the student should notify the Registrar.

Limitation on specific course hours which can be used to meet graduation requirements

A maximum of 6 credit hours total of military science, debate practicum (COMM 1115) and applied music/ensemble courses (for non-music majors and minors) can be applied toward a degree.

No PWLA course credit may be applied toward the number of academic hours required for a degree.

Requirements for a Double Major within the Same Degree awarded during the Same Semester

Students may complete two majors under the same degree (example, English major and Psychology major under the BA degree) by completing all major requirements and all Core Area requirements specific to each major, including Core Area F requirements for both majors.

The second major will satisfy the requirement for a minor if either major requires a minor.

The Richards College of Business has specific requirements for students wishing to have two majors under the BBA degree. See the College of Business section of this catalog for further information.

Requirements for Two Different Baccalaureate Degrees awarded during the Same Semester

Students who wish to earn two different baccalaureate degrees at the same commencement ceremony (example, a BA degree and a BS degree) must:

1. Complete all major and degree requirements for both degrees.

Requirements for a Second Baccalaureate Degree awarded in a Different Semester than the First Degree

Students who wish to pursue a second baccalaureate degree after the first degree has been awarded must:

1. Complete a minimum of 30 additional hours in residence (20 of these hours must be in courses numbered 3000 or above).
2. Maintain a 2.0 grade point average or above in the work completed for the second degree.
3. Fulfill all requirements for the major and degree. Candidates for second degrees will be governed by the catalog requirements in effect at the time work on the second degree is begun.

Core Curriculum

The Core Curriculum of the University System of Georgia was established for the purpose of facilitating the educational progress of students as they pursue baccalaureate degrees within and among the units of the University System.

The Core Curriculum of the University System of Georgia establishes the philosophy that “General Education” is the foundation of all degree programs, and, as such, the Core is composed of courses providing a foundation of knowledge and intellectual skills reflecting the University’s judgment of what is essential to being an educated person.

University of West Georgia Core Curriculum

Area A

Essential Skills

Learning Outcomes

- To demonstrate the ability to recognize and identify appropriate topics for presentation in writing
- To demonstrate the ability to synthesize and logically arrange written presentations
- To demonstrate the ability to adapt written communication to specific purposes and audiences
- To demonstrate the ability to utilize appropriate technologies for written presentations
- To demonstrate the ability to recognize and identify principles of mathematics
- To demonstrate the ability to apply principles of mathematics to problems in the discipline
- To demonstrate the ability to apply principles of mathematics to “real world” circumstances

Both Required:

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3

9 hours

Choose one of the following based on major:*

MATH 1001	Quantitative Skills and Reasoning	3
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MATH 1111	College Algebra	3
MATH 1113	Precalculus	4**
MATH 1634	Calculus I	4**

**Science, computer science, mathematics, mathematics education, and science education majors must take MATH 1113 or higher.*

Nursing majors may take either MATH 1101 or MATH 1111.

Engineering majors must take MATH 1634.

Business majors are urged to take either MATH 1111 or 1113.

***Since only three hours are required here in Area A, the extra hour earned by taking this course may be used in Area F according to most degree programs, but, for certainty, the student should always check the specifics listed in the description of the degree program.*

Area B

Institutional Priorities

4-5 hours

Learning Outcomes

- To demonstrate the ability to recognize and identify appropriate topics for oral presentation
- To demonstrate the ability to synthesize and logically arrange oral presentations
- To demonstrate the ability to adapt oral communication to specific purposes and audiences
- To demonstrate the ability to utilize appropriate technologies for oral communication
- To develop students who are better prepared for career demands in the 21st Century
- To develop increased awareness of the diverse sources of information and tradition
- To develop enhanced problem solving and critical thinking skills

Students may take any combination of courses as long as one is from category 1 and the total number of hours is 4 for science majors and 5 for non-science majors.

1. Oral Communication:

One of the following is required of all majors:

ART 2000	Oral Communication and the Visual Arts	3
COMM 1110	Public Speaking	3
ENGL 2000	American Speech	3
ENGL 2050/	Self-Staging:	3
THEA 2050	Oral Communication in Daily Life	
Foreign Language 1001 or 1002		3
PHIL 2110	Critical Thinking	3
XIDS 1004	Oral and Technological Communication	4

2. Other Institutional Priorities:

Institutional Elective, choose one of the following:

ANTH 1100	Faces of Culture	2
BUSA 1900	Surfing the Internet for Success	2
CS 1000	Practical Computing	1
CS 1020	Computers and Society	2
LIBR 1101	Academic Research and	2

	the Library	
MUSC 1110	Survey of World Music	2
XIDS 2001	What Do You Really Know About (Selected Topic)?	1
XIDS 2002	What Do You Really Know About (Selected Topic)?	2

Area C

Humanities and Fine Arts

6 hours

Learning Outcomes

- Ability to make informed judgments about art forms from various cultures including one's own culture;
- Ability to recognize the fine, literary, and performing arts as expressions of human experience;
- Ability to discern the impact and role of artistic and literary achievement in society and one's personal life.

Choose one from each category.

Category 1: Fine Arts

XIDS 2100	Art and Ideas	3*
ART 1201	Introduction to Art	3
ART 2201	History of World Art I	3
ART 2202	History of World Art II	3
MUSC 1100	Music Appreciation	3
MUSC 1120	Survey of Jazz, Rock, and Popular Music	3
THEA 1100	Theatre Appreciation	3

Category 2: Humanities

XIDS 2100	Arts and Ideas	3*
COMM 1154	Introduction to Mass Communications	3
ENGL 2110	World Literature	3
ENGL 2120	British Literature	3
ENGL 2130	American Literature	3
ENGL 2160	Philosophy and Literature	3
ENGL 2180	Studies in African-American Literature	3
ENGL 2190	Studies in Literature by Women	3
Foreign Language 1001, 1002, 2001, 2002		3
FORL 2200	Survey of National Literatures	3
FORL 2300	Topics in National Literatures	3
PHIL 2100	Introduction to Philosophy	3
PHIL 2120	Introduction to Ethics	3

**XIDS 2100 is listed in both categories, but it may be counted only once.*

Area D

Science, Mathematics, and Technology

10-11 hours

Learning Outcomes

- Ability to understand basic scientific principles, theories, laws as they apply to all scientific disciplines;
- Ability to demonstrate knowledge in at least one area of science;
- Ability to discern the role in and impact on science on society;

- Ability to identify and properly use appropriate technologies for scientific inquiry and communication including collecting and analyzing scientific data;
- Ability to understand the physical universe and science's relationship to it;
- Ability to understand the changing nature of science;
- Ability to understand the scope and limits on the appropriateness of scientific inquiry to physical phenomena;
- Ability to demonstrate critical observation and analysis;
- Ability to apply mathematical principles to scientific inquiry, including the use of statistics and formulae to understand quantitative data.

The student should consult the specific requirements listed in the description of the degree program later in this catalog and work closely with an advisor to fulfill this area of the Core; however, there are basically two options for satisfying the requirement.

Option I—Non-Science Majors

1. Science Courses:

Take two from the list below, at least one of which must be a lab class:

*A course listed 3+1 below may be taken without the lab component to be used as a non-lab option here.

ASTR 2313	Astronomy	3+1
BIOL 1010	Fundamentals of Biology	3+1
BIOL 1011	Biology of Human Reproduction	3
BIOL 1012	Ecology and Environmental Biology	3
BIOL 1013	Biology of AIDS and Infectious Disease	3
BIOL 1014	Nutrition	3
BIOL 1015	The Unseen World of Microorganisms	3+1
BIOL 1107	Principles of Biology I	3+1
BIOL 1108	Principles of Biology II	3+1
CHEM 1100	Introductory Chemistry	3+1
CHEM 1151K	Survey of Chemistry I	4
CHEM 1152K	Survey of Chemistry II	4
CHEM 1211K	Principles of Chemistry I	4
CHEM 1212K	Principles of Chemistry II	4
CHEM 1230K	Accelerated Principles of Chemistry	4
GEOG 1111	Introduction to Physical Geography	3
GEOG 1112	Weather and Climate	3+1
GEOG 1113	Landform Geography	3+1
GEOL 1121	Introductory Geosciences I: Physical Geology	3+1
GEOL 1122	Introductory Geosciences II Historical Geology	3+1
GEOL 1123	Environmental Observations	3+1
GEOL 2503	Introduction to Oceanography	3
GEOL 2553	Geology of the National Parks	3

PHYS 1111	Introductory Physics I	3+1
PHYS 1112	Introductory Physics II	3+1
PHYS 2211	Principles of Physics I	3+1
PHYS 2212	Principles of Physics II	3+1
XIDS 2201	Science Foundations	4
XIDS 2202	Environmental Studies	3

2. Mathematics, Science, and Quantitative Technology Courses:

Take any one from the list below or the list above as long as no more than two of the three courses in Area D are from the same discipline.

CS 1030	Introduction to Computer Concepts	3
CS 1300	Introduction to Computer Science	4
CS 1301	Computer Science I	3
CS 1302	Computer Science II	3
CS 2000	Applied Computing for the Sciences	3
MATH 1111	College Algebra	3
MATH 1413	Survey of Calculus	3
MATH 1634	Calculus I	4
MATH 2063	Introductory Statistics	3
MATH 2644	Calculus II	4
MATH 2703	Foundations of Mathematics I	3

Option II—Science Majors

1. Laboratory Science Courses:

Take any two lab courses from the list below:

BIOL 1107	Principles of Biology I	3+1
BIOL 1108	Principles of Biology II	3+1
CHEM 1211K	Principles of Chemistry I	4
CHEM 1212K	Principles of Chemistry II	4
CHEM 1230K	Accelerated Principles of Chemistry	4
GEOG 1112	Weather and Climate	3+1
GEOG 1113	Landform Geography	3+1
GEOL 1121	Introductory Geosciences I: Physical Geology	3+1
GEOL 1122	Introductory Geosciences II: Historical Geology	3+1
PHYS 1111	Introductory Physics I	3+1
PHYS 1112	Introductory Physics II	3+1
PHYS 2211	Principles of Physics I	3+1
PHYS 2212	Principles of Physics II	3+1

2. Mathematics, Science and Quantitative Technology Courses:

Students may take one from either the list below or from the list above as long as no more than two courses are from the same discipline.

*A course listed 3+1 above may be taken without the lab component to be used as a non-lab option here.

Mathematics, computer science, and most science majors must take MATH 1634. Engineering majors must take MATH 2644.

MATH 1634	Calculus I	4
MATH 2063	Introductory Statistics	3
MATH 2644	Calculus II	4
CS 2000	Applied Computing for the Sciences	3

Option III - Nursing**1. Laboratory Science Courses:**

Take one of the two-semester sequences listed below:

CHEM 1151K and 1152K

CHEM 1211K and 1212K

PHYS 1111 and 1112 (and labs)

BIOL 1107 and 1108 (with labs)

2. Mathematics Science and Quantitative Technology Courses:

MATH 2063

Area E**Social Sciences****12 hours****Learning Outcomes**

- Ability to relate local, national, and global social policy;
- Ability to describe how historical, economic, political, social, and spatial relationships develop, persist, and change;
- Ability to articulate the complexity of human behavior as functions of the commonality and diversity within groups;
- Ability to appreciate and respect diversity among people and recognize the roles various peoples played in their culture;
- Ability to identify and analyze both contemporary and historical perspectives on contemporary issues;
- Ability to relate the contributions of groups and individuals to the history of ideas and belief systems;
- Ability to critically analyze one's own culture.

1. World History

One required from the following two:

HIST 1111	Survey of World History/ Civilization I	3
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HIST 1112	Survey of World History/ Civilization II	3
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2. American/Georgia History

One required from the following two:

HIST* 2111	United States History I (to 1865)	3
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HIST* 2112	United States History II (since 1865)	3
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3. American/Georgia Government

The following is required:

POLS 1101	American Government	3
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4. Social Science Elective Courses

One required from the following:

ANTH 1102	Introduction to Anthropology	3
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ECON 2100	Economics for Everyone	3
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ECON 2105	Principles of Macroeconomics	3
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ECON 2106	Principles of Microeconomics	3
GEOG 1013	World Geography	3
GEOG 2503	Cultural Geography	3
POLS 2201	State and Local Government	3
PSYC 1101	Introduction to General Psychology	3
SOCI 1101	Introduction to Sociology	3
SOCI 1160	Introduction to Social Problems	3
XIDS 2300	Interdisciplinary Studies in the Social sciences	3
XIDS 2301	Introduction to Global Studies	3

*Students may exempt HIST 2111 or HIST 2112 by examination.

If the course is exempted, however, an additional 3 hours is to be taken from Part 4 of Area E.

Area F

Courses applicable to the degree and major

18 hours

(See Area F of specific major program)

Students whose native language is Spanish (both those from foreign countries as well as United States Ethnic Native Speakers of Spanish) who wish to use Spanish to meet degree requirements will be required to take SPAN 3102 if they do not exempt the requirement by taking the Departmental Placement test. In similar cases involving French or German, course substitution may be approved on an individual basis.

Any student who is capable of and authorized to begin studies at a sequentially higher course level than that required for the Core is exempted from the Core requirement by successful completion of the sequentially higher course. The student may or may not be awarded credit hours for the exempted course.

eCore Courses

University of West Georgia is one of five affiliate institutions participating in a University System of Georgia initiative of making general core classes available through the Internet. The registration process is the same as registering for any other UWG course, but the fees and dates may be different.

The University System's central eCore information website is located at: <http://www.alt.usg.edu/ecore/>. More information specific to UWG can be found at <http://www.westga.edu/~ecore/>. Core curriculum courses offered online and their UWG equivalent are listed below. These courses are equivalent and accepted by all USG institutions to satisfy core requirements or prerequisites required for a particular major in a specific program.

<u>eCore Course</u>	<u>Title</u>	<u>Hours</u>	<u>UWG Equivalent</u>
ENGL 1101	English Composition I	3	ENGL 1101
ENGL 1102	English Composition II	3	ENGL 1102
ENGL 2111	World Literature I	3	ENGL 2110
ENGL 2132	American Literature II	3	ENGL 2130
COMM 1100	Human Communication	3	Satisfies Area B1/ Communication requirement for some majors

HIST 1111	World History I	3	HIST 1111
HIST 2111	United States History I	3	HIST 2111
POLS 1101	American Government	3	POLS 1101
MATH 1101	Mathematical Modeling	3	MATH 1101
MATH 1111	College Algebra	3	Satisfies Area A for some majors
MATH 1113	Pre-Calculus	3	MATH 1113
MATH 1401	Introduction to Statistics	3	MATH 2063
MATH 1501	Calculus I	3	MATH 1634
PHIL 1001	Introduction to Philosophy	3	PHIL 2100
ISCI 1121	Integrated Science I	3	Area D (Non-science)
PSYC 1101	Introduction to General Psychology	3	PSYC 1101
ETEC 1101	Electronic Technologies in an Educ Environment	1 or 2	Area B2
PHYS 1211K	Physics I and Lab	4	PHYS 2211 and Lab
PHYS 1212K	Physics II and Lab	4	PHYS 2212 and Lab
GEOL 1011K	Geology I and Lab	4	GEOL 1121 and Lab
CHEM 1211K	Principles of Chemistry I	4	CHEM 1211K
CHEM 1212K	Principles of Chemistry II	4	CHEM 1212K
SOCI 1101	Introduction to Sociology	3	SOCI 1101
SPAN 2001	Intermediate Spanish I	3	SPAN 2001
SPAN 2002	Intermediate Spanish II	3	SPAN 2002

Physical Education Requirements

All undergraduate degree candidates are required to satisfy the physical education requirement of **the college from which they will graduate**. (See page 111 and College requirements section of the catalog for details.)

Units of Instruction

The following academic units have been established by West Georgia as a basis for curriculum development and administration.

College of Arts and Sciences
Richards College of Business
College of Education



COLLEGE OF ARTS AND SCIENCES

Don Rice, Interim Dean
<http://www.as.westga.edu/>

The College of Arts and Sciences is charged with the responsibility of providing instruction not only to students majoring in traditional arts and sciences disciplines, but also for providing the general education component of business and education programs. It does so with the realization that in order to prepare students to face the ever-changing, complex society in which we live, it is necessary to do more than teach them a number of facts and train them in a variety of skills. The faculty of the College of Arts and Sciences is dedicated to providing an education that will enable students to meet the future, not merely to live in the present.

The curricula of the arts and humanities provide for the acquisition of basic skills in languages, literature, and the arts, but the ultimate goal is to provide the student with a perspective for life. The departments of Art, English/Philosophy, Foreign Languages, Mass Communications/Theatre, and Music all emphasize the humanistic ends of knowledge and attempt to prepare students, in spite of the rapid change of contemporary society. Independent judgment and personal equilibrium, along with the knowledge of and respect for differing points of view, should characterize students of the arts and humanities.

The College of Arts and Sciences offers work in all traditional areas of science and mathematics, including biology, chemistry, computer science, geology, mathematics, nursing, and physics. Sequences of quality academic courses are provided to prepare students for graduate studies in the discipline and the school of their choice, as well as for a variety of scientific careers, including elementary and secondary school teaching. In addition, it is believed that an educated person in modern society requires a basic understanding of science and mathematics as well as computational skills. Courses designed to accommodate this need are incorporated in all major programs and are available to students desiring a liberal experience in the sciences.

The social sciences are concerned with anthropology, criminology, political science, geography, history, psychology, and sociology. To be an effective member of society, an individual needs to know how to participate constructively in a changing world. The aims, therefore, of these disciplines are to help the student attain a constructive, inquiring attitude toward learning; gain knowledge of the historical development of contemporary institutions; and develop a sense of responsibility for intelligent participation in the affairs of society.

Graduation Requirement for Writing Across the Curriculum

All students majoring in disciplines in the College of Arts and Sciences will be required to satisfy the requirements for Writing Across the Curriculum (WAC) to graduate.

WAC Requirements:

1. The student must take at least two 3000/4000-level W courses (courses approved as Writing Intensive courses and marked in the semester bulletin with a “W”) for a total of 6 hours. At least 3 hours must be in the major.
2. ENGL 1101 and 1102 (or the equivalent of) are prerequisite to all “W” courses.

A student may select other options to demonstrate greater proficiency in writing skills. These options are offered to allow a student to gain additional experience in writing as well as to demonstrate a commitment to communication skills to a potential employer or graduate school.

The Certificate Option

Students can declare to double the basic WAC requirements, carrying 12 “W” hours and receive

1. a Writing Across the Curriculum certificate, and
2. transcript notation of this accomplishment.

Interdisciplinary Options

The College of Arts and Sciences recognizes the importance of integrating learning across departmentally housed disciplines. In support of this aim, it offers students opportunities to enroll in a variety of interdisciplinary options, including single courses (XIDS) combining more than one discipline and two or more courses from different departments linked together by their focus on common themes. Interdisciplinary majors include Environmental Studies, Environmental Science, and Global Studies. Current interdisciplinary minors in the College of Arts and Sciences are Africana Studies, American Studies, Environmental Studies, Global Studies, Latin American Studies, and Women’s Studies which also offer a multifield and cross-discipline approach. Besides these major and minor programs, individual interdisciplinary courses are offered regularly, allowing students to examine a subject from multiple perspectives.

Physical Education Requirement

The College of Arts and Sciences does not have any physical education requirements. Physical Education classes will not count as electives. Note, however, that if a student changes from the College of Arts and Sciences to the College of Business or the College of Education, the student must satisfy that college’s physical education requirement.

Professional Practice Program

The Department of Career Services assists students in combining classroom study and field experience related to students’ majors and/or career goals. Cooperative Education and Internship opportunities are available to students within the College of Arts and Sciences. For further details on Professional Practice opportunities, contact the Department of Career Services at 678-839-6431, come

by Room 222 in Parker Hall, or visit the department's Website at www.westga.edu/careerweb/.

ANTHROPOLOGY

Pafford 338 • 678-839-6455

<http://www.westga.edu/~socant/>

Professors, L. Gezon (chair), K. Steinen; **Associate Professors,** M. Snipes; **Assistant Professor,** T. Foster

Learning Outcomes

Students completing the B.A. degree with a major in Anthropology should be able independence

- apply critical thinking skills through the use of anthropological methods
- demonstrate a broad base of anthropological knowledge
- recognize the diversity of cultural practices through time and space
- demonstrate oral and written communication skills
- apply anthropological knowledge through research in anthropology

B.A. DEGREE WITH A MAJOR IN ANTHROPOLOGY	Hours
Core Areas A through E (see pages 128-134)	42
Core Area F, Major Specific Courses	18
ANTH 1102	3
Choose two: ANTH 2001; ANTH 2002; ANTH 2003	6
Foreign Languages 2001, 2002	0-6
Remaining Hours selected from:	3-9
1000 or 2000-level courses from Anthropology, Biology, Computer Science, Economics, Foreign Language, Geography, Geology, History, Sociology, Political Science, Mathematics, Philosophy, Psychology, Statistics*	
(no more than three of these hours may be ANTH)	
Requirements for the Major	
Major Courses Required	29
Anthropological Thought (ANTH 4100)	3
Archaeology (ANTH 3105, ANTH 3156, ANTH 3184, ANTH 4115, ANTH 4117 or ANTH 4160)	3
Linguistics (ANTH 4173)	3
Physical Anthropology (ANTH 3106, ANTH 4125, ANTH 4150 or ANTH 4165)	3
Cultural Anthropology (ANTH 3180, ANTH 3186, ANTH 4134, ANTH 4144, ANTH 4155, or ANTH 4170)	3
Methods Course (ANTH 3188, ANTH 4102, or ANTH 3250)	4
Anthropology Capstone (ANTH 4184)	1
Anthropology Upper Division Electives	
Numbered 3000 or higher	9
Minor or Electives (10 of these hours must be at or above the 3000 level)	31
TOTAL	120
No more than 4 individualized study hours (ANTH 4186 Internship, ANTH 4881 Independent Study, ANTH 4900 Directed Reading) count toward the BA in Anthropology	

REQUIREMENTS FOR A MINOR IN ANTHROPOLOGY

Students with majors in other disciplines may complete a Minor in Anthropology. The Anthropology Minor requires 18 hours of Anthropology courses distributed among the following: ANTH 1102; either ANTH 2001 or 2002 or 2003; and 12 hours at the 3000-4000 level.

** or other course of appropriate content as approved by the department*

REQUIREMENTS FOR A CERTIFICATE/MINOR IN LATIN AMERICAN STUDIES

Total credit hours (12-18 hours)

Undergraduate certificate/minor in Latin American Studies requires 6 credit hours of approved foreign language coursework at the 3101/3102 level; completion of the gateway course, Peoples and Cultures of Latin America (ANTH 4144), for 3 credit hours; completion of 9 credit hours to be chosen among electives offered in the following disciplines: History, Political Science, Spanish, French, Music, XIDS, Geography, and Psychology. A list of approved courses can be obtained from the coordinators of the program through History or Anthropology.

ANTHROPOLOGY COURSES (ANTH)

- | | | |
|---|--|--------------|
| ANTH 1100 | Faces of Culture | 2/0/2 |
| Survey of cross-cultural similarities and differences from a global, anthropological perspective. The course features dramatic and unique film footage, embracing cultures from all continents, highlighting major lifestyles, and illustrating human adaptations to a variety of environments. The course also explores the ways in which North American culture fits into the broad range of human possibilities. Satisfies Core Area B2 requirement. | | |
| ANTH 1102 | Introduction to Anthropology | 3/0/3 |
| A four-subfield introduction to the analysis and explanation of cultural similarities and differences. Discoveries, theories, problems, and debates on issues of fundamental importance to the understanding of human nature, society, and behavior. This course satisfies the Core Area E4 requirement. | | |
| ANTH 2001 | Case Studies in Archaeology | 3/0/3 |
| Overview of the perspectives and concerns of anthropological archaeology through detailed examination of exemplary case studies covering a broad range of archaeological research topics. | | |
| ANTH 2002 | Case Studies in Cultural Anthropology | 3/0/3 |
| A broad ethnographic introduction to the customs and behaviors of people in several cultures. | | |
| ANTH 2003 | Case Studies in Physical Anthropology | 3/0/3 |
| An introduction to physical anthropology through detailed examination of exemplary case studies covering a broad range of topics in physical anthropology, human evolution and modern human variation, and non-human primates. | | |
| ANTH 2100 | Archaeological Field School | 0/6/3 |
| Introduction to archaeological field techniques through direct participation in scientific excavation at a prehistoric or historic archaeological site. | | |

- ANTH 2104 Cultural Development in Global Perspective** 2/0/2
Global survey of the development of culture. Examples will be drawn from selected prehistoric and historic cultures and civilizations from around the world. Lecture will be supplemented by a series of vivid videos to illustrate different cultural systems and how they developed through time.
- ANTH 3103 Archaeological Laboratory Methods** 0/6/3
Prerequisite: ANTH 1102 or consent of instructor
Instruction in the techniques used in cleaning, cataloging, preserving, and analyzing excavated archaeological materials.
- ANTH 3105 Archaeology** 3/0/3
Prerequisite: ANTH 1102 or consent of instructor
Survey of archaeology as a subfield of anthropology. Content includes basic theoretical concepts, analytic methods, and interpretive models of scientific archaeology. Specific concerns include reconstruction of cultural systems and their adaptive patterns through recovery and analysis of material remains.
- ANTH 3106 Physical Anthropology** 3/0/3
Prerequisite: ANTH 1102 or consent of instructor
An examination of humans from biological and evolutionary perspectives. Content includes non-human primates, human origins, modern human variation and adaptation, forensic anthropology, and interactions between human biology and culture.
- ANTH 3151 Seminar on Warfare** 3/0/3
Prerequisite: ANTH 1102 or consent of instructor
This seminar will examine the anthropological study of warfare. It will emphasize pre-industrial societies.
- ANTH 3156 Archaeology of Political Organizations** 3/0/3
Prerequisite: ANTH 1102 or consent of instructor
This seminar will investigate how archaeologists study political organizations of pre-industrial societies.
- ANTH 3157 Applied Anthropology** 3/0/3
Prerequisite: ANTH 1102 or consent of instructor
A four-field survey of the ways anthropologists apply their knowledge to the solving of practical problems. The course includes such topics as international development, education, medical anthropology, and cultural resources management.
- ANTH 3158 Economic Anthropology** 3/0/3
Prerequisite: ANTH 1102 or consent of instructor
An anthropological investigation of how pre-industrial societies produced, distributed, and consumed goods, resources, and services.
Same as ECON 3458.
- ANTH 3180 Environmental Anthropology:
Local-Global Connections** 3/0/3
The focus of this course is on the relationship between cultural behavior and environmental phenomena. Local, regional, and global case studies will be used in examining the political and cultural ecology of resource use, adaptation, and degradation. Possible topics include environmental justice, deforestation and conservation, industrial waste, and watershed management. Same as ENVS 3180.

- ANTH 3184 Mesoamerican Archaeology** **3/0/3**
 Prerequisite: ANTH 1102 or consent of instructor
 A survey of the archaeology and prehistory of Middle America, tracing the development of culture from the earliest inhabitants to the high civilizations.
- ANTH 3186 Anthropology of Gender** **3/0/3**
 Prerequisite: ANTH 1102 or consent of instructor
 This course examines various theories of gender development and the positions of women and men cross-culturally.
- ANTH 3188 Ethnographic Field Methods** **0/8/4**
 Prerequisite: ANTH 1102 or consent of instructor
 This course will investigate and evaluate qualitative analyses in ethnographic field research. The course is participation-intensive and will involve research in an actual field project.
- ANTH 3200 Directed Research** **var 2-6**
 Prerequisite: ANTH 1102 and permission of the instructor
 This is a research project carried out under the guidance of a faculty member. Discussion of research areas with the faculty must be completed before registration. A formal report of the results of the research must be presented to the faculty of the Anthropology program.
- ANTH 3250 Field Methods in Physical Anthropology** **0/8/4**
 Prerequisite: ANTH 1102 or permission of instructor
 Instruction in and application of the various methods used by primatologists in the field. The course will involve observations and directed research projects done on living primate populations.
- ANTH 4100 History of Anthropological Thought** **3/0/3**
 Prerequisite: ANTH 1102 or consent of instructor
 A survey of major conceptual and theoretical developments in anthropology from the early nineteenth century to the present.
- ANTH 4102 Archaeological Field Research** **0/8/4**
 Prerequisite: ANTH 1102 and ANTH 3105, or consent of instructor
 Direct participation in all aspects of an archaeological excavation project. Instruction in research design, excavation techniques, recording procedures, data analyses, and field interpretation.
- ANTH 4106 North American Indians** **3/0/3**
 Prerequisite: ANTH 1102 or consent of instructor
 A survey of the native cultural areas in North America (north of Mexico).
- ANTH 4112 Senior Thesis** **3/0/3**
 Prerequisite: ANTH 1102 and senior standing
 The student will conduct a research project and write a thesis under the direction of a supervisor.
- ANTH 4115 North American Archaeology** **3/0/3**
 Prerequisite: ANTH 1102 or consent of instructor
 A survey of the pre-Columbian cultural development of North America (north of Mexico).

- ANTH 4117 Archaeology of Georgia** 3/0/3
Prerequisite: ANTH 1102 or consent of instructor
An overview of the pre-Columbian cultural development of Georgia.
- ANTH 4120 Indians of the Southeastern United States** 3/0/3
Prerequisite: ANTH 1102 or consent of instructor
An examination of the archaeological and early historical records of native cultures of the southeast from circa 12,000 B.C. to A.D. 1800's.
- ANTH 4125 Forensic Anthropology** 3/0/3
Prerequisite(s) Consent of the instructor or any AREA E4 core course
This course will include a detailed study of the human skeleton. Primary focus will be on the methods used to identify human remains within a legal context. Responsibilities and ethics of a forensic anthropologist will be discussed.
- ANTH 4132 Human Life Cycle in Cross-Cultural Perspective** 3/0/3
Prerequisite: ANTH 1102 and senior standing
A cross-cultural study of the social and cultural meanings of human experience through such phases as birth and death, adolescence, adulthood, and old age.
- ANTH 4134 Animals and Culture** 3/0/3
The relationship between humans and animals is complex, multi-dimensional and historically derived. This course will examine primary theories related to ecology and symbolism and identify the historical and contemporary role of animals in human society.
- ANTH 4144 Peoples and Cultures of Latin America** 3/0/3
An ethnohistorical and ethnographic perspective of indigenous peoples of Latin America (including Central America, South America, and the Caribbean), with an emphasis on the Inca State and contemporary Andean people.
- ANTH 4150 Human Evolution** 3/0/3
Prerequisite: ANTH 1102 or consent of instructor
Survey of the fossil evidence for human evolution and its anthropological interpretation. Detailed consideration of how humans and their ancestors lived and dispersed across the globe over the last 5 million years.
- ANTH 4155 Peoples and Cultures of Sub-Saharan Africa** 3/0/3
Prerequisite: ANTH 1102 or consent of instructor
Study of selected African cultures with emphasis on social organization, belief system, history, and politics.
- ANTH 4160 Contemporary Archaeological Thought** 3/0/3
Prerequisite: ANTH 1102 or consent of instructor
Overview of historical background and current theoretical debates about interpretation of the archaeological record.
- ANTH 4165 Primatology** 3/0/3
Study of living prosimians, monkeys, and apes, including social organization, feeding and ranging, community ecology, and conservation. Readings will focus on field studies of natural populations.

- ANTH 4170 Myth, Magic, and Religion** 3/0/3
A comparative and cross-cultural approach to religious systems and theories on the anthropology of religion.
- ANTH 4173 Language and Culture** 3/0/3
Prerequisite: ANTH 1102 or consent of instructor
A study of the history and perspectives of linguistic anthropology with special emphasis on the relationship between language and culture.
- ANTH 4175 Ethnohistory** 3/0/3
An examination of the works of native writers and narrators from a non-Western perspective. The approach will be cross-cultural and comparative.
- ANTH 4177 Social Organization** 3/0/3
Prerequisite: ANTH 1102 or consent of instructor
This course offers a broad introduction to issues of social organization and social differentiation. It will examine various theories in assessing the nature of social order and disorder. Kinship, marriage, ethnicity, and class will be among the topics studied as factors of organization. Consideration of age and aging will be given special emphasis in the latter portion of the course.
- ANTH 4180 Archaeological Curation and Collections Management** 1/5/3
Prerequisite: ANTH 1102 or consent of instructor
Detailed examination of the many aspects of caring for archaeological collections (objects, records, reports, digital data) in a laboratory repository setting. Content includes lectures and laboratory projects with archaeological collections.
- ANTH 4184 Anthropology Capstone** 1/0/1
Prerequisite: at least 60 hours completed (Junior status)
In this capstone course for Anthropology majors, students will assess their educational outcomes, define their professional goals, demonstrate knowledge of what is involved in successful job searches and entry into graduate schools, and demonstrate knowledge of professional ethics of anthropology, whether applied in academia or in non-academic settings.
- ANTH 4186 Internship** var. 1-3
Prerequisite: ANTH 1102
Practical experience with a public or private agency directly related to the field on anthropology.
- ANTH 4881 Independent Study** var. 1-3
Prerequisite: ANTH 1102 and permission of the instructor.
Guided investigation of a topic not addressed by regularly scheduled courses. Student works closely with the instructor to determine required readings and presentation of research findings.
- ANTH 4885 Special Topics** var. 1-3
Prerequisite: ANTH 1102 or consent of instructor
Special topics in ethnography, ethnology, linguistics, physical anthropology, or archaeology.

ANTH 4900 Directed Reading**var. 1-3**

Prerequisite: ANTH 1102 or permission of instructor

Directed examination of a topic not normally offered by the program. Students must propose a detailed plan of reading stating precise learning objectives and secure the written consent of a supervising instructor before registration. May be repeated up to 6 hours credit.

ART (ART)**Humanities 321 • 678-839-6521****<http://www.westga.edu/~artdept/>**

Associate Professors, P. Kirk, D. Santini, K. Shunn (Chair); **Assistant Professors**, D. Collins, E. Crean, C. Samples, S. Sohn, R. Tekippe, D. Webster; **Instructors**, K. Rutherford, S. Smith

West Georgia's Department of Art focuses on the individual student and their growth as a professional. The department is committed to excellence in education, the pursuit of professional standards and the professional progress of its students. The departmental goal is to prepare young professionals to be outstanding individuals in their discipline upon graduation and to successfully enter the highly competitive world of Art, Art History and Design or Graduate Studies.

The Department of Art offers a Bachelor of Fine Arts (BFA) in Art with a concentration in the following programs: Ceramics, Graphic Design, Interior Design, Painting, Printmaking, Photography, and Sculpture Bachelor of Fine Arts (BFA in Art Education). The Bachelors of Art (BA) is offered in Art History, Pre-Medical Illustration (which includes a minor in Biology), and Studio Arts. Students are encouraged to take part in the department's summer studies abroad program. Scholarships are available to partially defray the cost of the summer program.

The University is an accredited associate member of the National Association of Schools of Art and Design.

Learning Outcomes

The Department of Art's objectives are for students to develop sound skills and knowledge and become young professionals by demonstrating the following:

1. A broad knowledge on the history of art and design.
2. A thorough knowledge of the fundamentals of visual arts and design.
3. Communication of ideas and thoughts about art and design through written and verbal communication.
4. Communication of unique ideas and thoughts in the creation of one's own work in a variety of visual disciplines, including Art History, Art Education, Ceramics, Graphic Design, Interior Design, Painting, Printmaking, Photography, and Sculpture
5. The culmination of knowledge will be evaluated through the completion of a senior thesis or creative research exhibition, and the development of a final portfolio.

BACHELOR OF FINE ARTS WITH A MAJOR IN ART

	Hours
Core Areas A, B, C, D, E (see pages 128-134)	42
Core Area F:	18

ART 1101	2-D Composition	3	
ART 1102	3-D Composition	3	
ART 1007	Drawing	3	
ART 1008	Life Drawing	3	
ART 2201	History of Western Art I	3	
ART 2202	History of Western Art II	3	
Areas of Study:			
A. BFA in Art Education			
Fine Arts Core:			15
ART 3301	Beginning Ceramics	3	
ART 3601	Painting I	3	
ART 3701	Introduction to Photography	3	
ART 3801	Printmaking I: Survey	3	
ART 3901	Introductory Sculpture	3	
Art Education Sequence:			16
ART 3011	Elementary Art Methods	3	
ART 3012	Art for Pre-K and Special Populations	3	
ART 4009	Art Curriculum and Classroom Management	3	
ART 4010	Secondary Art Methods	3	
ART 4985	Special Topics: Senior Exhibition	1	
ART 4208	Art of the 20 th and 21 st Centuries	3	
Art History Elective 3000 or Above			3
Art Electives, 3000 or Above			14
Professional Education			24
CEPD 4101	Educational Psychology	3	
EDUC 2110	Investigation Critical and Contemporary Issues in Education	3	
EDUC 2120	Exploring Socio-cultural Perspectives in Diversity in Educational Contexts	3	
EDUC 2130	Exploring Learning and Teaching	3	
SPED 3715	The Incl Classroom: Diff Inst	3	
ART 4011, 4012, 4013: Student Teaching in Art Education		9	
TOTAL			132
B. BFA in Art: Ceramics			
Fine Arts Core:			12
ART 3301	Beginning Ceramics	3	
ART 3601	Painting I	3	
ART 3801	Printmaking I: Survey	3	
ART 3901	Introductory Sculpture	3	
Ceramics Sequence:			10
ART 3302	Intermediate Ceramics	3	
ART 4303	Intermediate Ceramics	3	
ART 4904	Advanced Sculpture	3	
ART 4985	Special Topics: Senior Exhibition	1	
Art History Electives, 3000 or Above			6
Art Electives, 3000 or Above			23
Concentration Electives, 3000 or Above			21
TOTAL			132

C. BFA in Art: Graphic Design			
Fine Arts Core:			12
ART 3301	Beginning Ceramics	3	
ART 3601	Painting I	3	
ART 3801	Printmaking I: Survey	3	
ART 3901	Introductory Sculpture	3	
Graphic Design Sequence:			13
ART 3401	Introduction to Graphic Design	3	
ART 3402	Visual Communication	3	
ART 4403	Graphic Identity	3	
ART 4404	Three-Dimensional Graphic Design	3	
ART 4985	Special Topics: Senior Exhibition	1	
Art History Electives, 3000 or Above			6
Art Electives, 3000 or Above			20
Concentration Electives, 3000 or Above			21
TOTAL			132
D. BFA in Art: Interior Design			
Fine Arts Core:			12
ART 3301	Beginning Ceramics	3	
ART 3601	Painting I	3	
ART 3801	Printmaking I: Survey	3	
ART 3901	Introductory Sculpture	3	
Interior Design Sequence:			16
ART 3501	Principles of Residential Design	3	
ART 3502	Construction Drawing and Lighting	3	
ART 4503	Computer Aided Design	3	
ART 4504	Contract Design	3	
ART 4212	History of Interiors	3	
ART 4985	Special Topics: Senior Exhibition	1	
Art History Electives, 3000 or Above			3
Art Electives, 3000 or Above			20
Concentration Electives, 3000 or Above			21
TOTAL			132
E. BFA in Art: Painting			
Fine Arts Core:			12
ART 3301	Beginning Ceramics	3	
ART 3601	Painting I	3	
ART 3801	Printmaking I: Survey	3	
ART 3901	Introductory Sculpture	3	
Painting Sequence:			10
ART 3602	Painting II	3	
ART 4603	Painting III	3	
ART 4604	Advanced Painting	3	
ART 4985	Special Topics: Senior Exhibition	1	
Art History Electives, 3000 or Above			6
Art Electives, 3000 or Above			23
Concentration Electives, 3000 or Above			21
TOTAL			132

F. BFA in Art: Photography			
Fine Arts Core:			12
ART 3301	Beginning Ceramics	3	
ART 3601	Painting I	3	
ART 3801	Printmaking I: Survey	3	
ART 3901	Introductory Sculpture	3	
Photography Sequence:			13
ART 3701	Photography I	3	
ART 3702	Photography II	3	
ART 4703	Photography III	3	
ART 4704	Advanced Photography	3	
ART 4985	Special Topics: Senior Exhibition	1	
Art History Electives, 3000 or Above			6
Art Electives, 3000 or Above			20
Concentration Electives, 3000 or Above			21
TOTAL			132
G. BFA in Art: Printmaking			
Fine Arts Core:			12
ART 3301	Beginning Ceramics	3	
ART 3601	Painting I	3	
ART 3801	Printmaking I: Survey	3	
ART 3901	Introductory Sculpture	3	
Printmaking Sequence:			10
ART 3802	Relief Printmaking	3	
ART 4803	Intaglio	3	
ART 4804	Lithography	3	
ART 4985	Special Topics: Senior Exhibition	1	
Art History Electives, 3000 or Above			6
Art Electives, 3000 or Above			23
Concentration Electives, 3000 or Above			21
TOTAL			132
H. BFA in Art: Sculpture			
Fine Arts Core:			12
ART 3301	Beginning Ceramics	3	
ART 3601	Painting I	3	
ART 3801	Printmaking I: Survey	3	
ART 3901	Introductory Sculpture	3	
Sculpture Sequence:			10
ART 3902	Sculpture II	3	
ART 4903	Sculpture IV	3	
ART 4904	Advanced Sculpture	3	
ART 4985	Special Topic: Senior Exhibition	1	
Art History Electives, 3000 or Above			6
Art Electives, 3000 or Above			23
Concentration Electives, 3000 or Above			21
TOTAL			132

**BACHELOR OF ART: MAJOR IN ART
PRE-MEDICAL ILLUSTRATION OPTION**

Core Areas A, B, C, D, E (see pages 128-134)		42
Core Area D must include lab sciences BIOL 1107 and 1108		
Core Area F: Art		18
ART 1101	2-D Composition	3
ART 1102	3-D Composition	3
ART 1007	Drawing	3
ART 1008	Life Drawing	3
ART 2201	History of Western Art I	3
ART 2202	History of Western Art II	3
Foreign Language 2001, 2002		6
Major Courses		13
Drawing, 3000 or Above		6
ART 3601	Painting I	3
ART 3602	Painting II	3
ART 4985	Special Topics: Senior Exhibition	1
Art History Electives, 3000 or above		3
Studio Art Electives, 3000 or above		16
Biology Minor		16
BIOL 3231	Comparative Vertebrate Anatomy	4
BIOL 3513	Human Physiology	4
BIOL 4520	Developmental Biology and Embryology	4
BIOL 4985	Special Topics: Molecular Cell Biology	4
Electives		6
TOTAL		120

STUDIO OPTION

Core Areas A, B, C, D, E (see pages 128-134)		42
Core Area F: Art		18
ART 1101	2-D Composition	3
ART 1102	3-D Composition	3
ART 1007	Drawing	3
ART 1008	Life Drawing	3
ART 2201	History of Western Art I	3
ART 2202	History of Western Art II	3
Foreign Language 2001, 2002		6
Major Courses		34
ART 3301	Beginning Ceramics	3
ART 3601	Painting I	3
ART 3801	Printmaking I: Survey	3
ART 3901	Introductory Sculpture	3
Art History Electives, 3000 or Above		6
Studio Art Electives, 3000 or Above		15
ART 4985	Special Topics: Senior Exhibition	1
Minor and Electives		20
TOTAL		120

ART HISTORY OPTION:

Core Areas A, B, C, D, E (see pages 128-134)		42
Core Area F: Art		18
ART 1101	2-D Composition	3
ART 1102	3-D Composition	3
ART 1007	Drawing	3
Foreign Language, French or German, 2001 or above		3
ART 2201	History of Western Art I	3
ART 2202	History of Western Art II	3
Major Courses		34
ART 4201 A, B, or C	History of Non-Western Art	3
ART 4220	Museum Seminar	3
Art History electives, above 3000*		15-18
Studio Art electives, above 3000		6-9
ART 4984	Senior Seminar in Art History	3
Foreign Language, French or German 2002 and above		6
Minor and Electives, at least 9 hours, 3000 and above		20
TOTAL		120

*Art History Majors must include a distribution of major electives with at least one course in each of the following four areas: 1) Art 4200A Greece OR Art 4202B Rome, Art 4203A Ancient Egypt OR Art 4203B The Ancient Near East; 2) Art 4202A Early Christian & Byzantine OR 4202B Medieval; Art 4204A Northern Renaissance or 4204B Italian Renaissance; 4206A 17th Century OR 4206B 18th Century; 3) Art 4207A 19th Century Romantic & Neoclassical OR 4207B 19th Century Realism through Post-Impressionism, 4201A American Art up to the Civil War OR American Art from the Civil War through WWII; 4) 4208 20th Century Pre-WWII OR 4208B 20th & 21st Century Art after WWII.

Reserved studio space will be available both during the day and evening in order that students have access to a minimum of three clock hours per credit hour of class per week.

INTERSHIPS

Internships are available at local businesses and industries. They must be educationally relevant to one's area of study and must be approved by both the area advisor and the chair of the department.

REQUIREMENTS FOR A MINOR IN ART

Students wishing to minor in Studio Art must take ART 1101, 1102 and ART 1007, and nine additional hours of studio art numbered 3000 or above.

REQUIREMENTS FOR A MINOR IN ART HISTORY

Students wishing to minor in art history must complete ART 2201, ART 2202, and nine additional hours of art history courses numbered 3000 or above.

EXHIBITION REQUIREMENTS

All art majors are required to present an exhibition representative of their best work. This exhibition must be scheduled (in conference with the gallery director) to be presented prior to graduation during the student's senior year. The student should enroll in ART 4985, Special Topics: Senior Exhibition, during the

semester in which the exhibition is held. To successfully meet this requirement, three art faculty evaluators, chosen by the student, must evaluate the exhibition with an average of 2.0 out of a possible 4.0. One of the three evaluators must be the major professor in the student's area of study.

ART COURSES (ART)

- ART 1007 Drawing 0/6/3**
Introduction to drawing using various media dealing with landscapes, still-life, one- and two-point perspectives, and the figure. Both clothed and nude models may be used.
- ART 1008 Life Drawing 0/6/3**
Prerequisite: ART 1007
Drawing from the live model, both nude and clothed, focusing upon correct proportions and anatomy. A variety of drawing media will be used.
- ART 1101 Two-Dimensional Composition 0/6/3**
An introductory course dealing with the elements and principles of composition as they relate to the two-dimensional areas of the visual arts.
- ART 1102 Three-Dimensional Composition 0/6/3**
An introductory course dealing with the elements and principles of composition as they relate to the three-dimensional areas of the visual arts.
- ART 1201 Introduction to Art 3/0/3**
An introduction to the elements of art and to the various media: sculpture, painting, graphics, and architecture. These will be considered in their historical and contemporary cultural contexts.
- ART 2000 Oral Communication and the Visual Arts 3/0/3**
This course will develop a student's ability to formulate and organize thoughts about art in a clear and succinct manner and give verbal expression to those ideas. Students will learn to analyze art and formulate informed judgments about provocative issues pertinent to the visual arts.
- ART 2011 Art for Middle Grades 0/6/3**
Prerequisite: Middle grades majors only
This class is designed for the non-art major in middle grades education. The focus of the course will be on the development of lessons that encourage creative thinking through discipline-based art education that is developmentally appropriate. Methods in art education include exploration of a variety of studio processes, as well as approaches to art history, art criticism, and aesthetics. Interdisciplinary approaches to art education will be explored at the middle grades level.
- ART 2012 Art for Special Populations 0/6/3**
Prerequisite: SPED 2706
This class is designed for those students planning to enter the educational setting and teach special populations of students. The art curriculum in this course will be presented as a child-centered approach to art education, which has as a primary goal the enhancement of the child's self esteem. Lessons are, therefore, presented as confidence builders that are designed to improve the general awareness and self-concept of the challenged student.

- ART 2201 History of Western Art I** 3/0/3
This course covers the history of visual arts from pre-history to the fourteenth century, focusing upon the Western tradition.
- ART 2202 History of Western Art II** 3/0/3
This course covers the history of visual arts from the High Renaissance to the present, focusing on the Western tradition.
- ART 3000 Art for Early Childhood and Elementary** 0/4/2
Prerequisite: CEPD 2101 or 2102, ECED 2271, SPED 2706
This class is designed for the non-art major in early childhood education. The focus of the course will be to equip students to construct lessons that encourage creative thinking through art education and are developmentally appropriate for early childhood students. Methods in art education include exploration of a variety of studio processes as well as approaches to art history, art criticism, and aesthetics for the elementary student.
- ART 3011 Elementary Art Methods** 0/6/3
Prerequisite: ART 1007, 1101, 1102
This course is designed for the art education major to focus on the developmental needs and abilities of students at the elementary level. Methods in art education include approaches to art criticism, aesthetics, and creative thinking, as well as a variety of studio media. An internship in an elementary art class is a requirement of this course.
- ART 3012 Art for Pre-K and Special Populations** 0/6/3
Prerequisite: SPED 2706
This class is designed for both art education and special education majors. The art curriculum in this course will be presented as a child-centered approach to art education, which has as a primary goal the enhancement of the child's self-esteem through exploration of art media. The adaptive strategies needed to meet the needs of both pre-kindergarten students and students with special needs will be a major focus. An internship in a special education classroom or adaptive art classroom will be a requirement of this course.
- ART 3301 Beginning Ceramics** 0/6/3
Prerequisites: Art 1007, 1101, & 1102
This is a creative problem solving fine art studio course designed to serve as an introduction to the historical precedents, theories, processes, and materials utilized in the realization and production of Contemporary Ceramic art. Emphasis will be placed on developing a variety of hand-building techniques and attaining a basic understanding of claybody composition and properties. Also included will be an introduction to slips, glazes, and firing techniques.
- ART 3302 Intermediate Ceramics: Molds, Multiples, and Mechanical Means** 0/6/3
Prerequisite: ART 3301
Intermediate Ceramics: Molds, Multiples, and Mechanical Means is a process premised intermediate course that provides students the opportunity to expand their technical skill, experience, and critical thinking skills through the completion of a series of process specific projects. Each project requires research, an oral presentation, and the production of personally derived artwork that utilizes the given process/ technical information and reflects the assigned research.

- ART 3401 Introduction to Graphic Design 0/6/3**
 Prerequisite: ART 1007, 1101, 1102
 An introduction to communication design, the principles of lettering and typography, and the theories, systems, and conceptual thinking in layout and design development. This course utilizes the computer as a significant production tool in solving layout/design problems.
- ART 3402 Visual Communication 0/6/3**
 Prerequisite: ART 3401
 The design and production of various print-related materials with emphasis on the concepts of visual communication. The controlled handling of both images and typography from initial concept to presentation comprehensives are covered. The course utilizes the computer as a significant tool in the application of design solutions.
- ART 3501 Principles of Residential Design 0/6/3**
 Prerequisite: ART 1007, 1101, 1102
 A beginning course in interior design introducing the student to the principles of space planning. The course covers the design process, human factors, programming, and basic drafting techniques.
- ART 3502 Construction Drawing and Lighting 0/6/3**
 Prerequisite: ART 3501
 An introduction to construction documents and building systems. The students will learn to draft and read construction documents such as demolition and construction plan, elevation, section, axonometric, perspective drawing and different schedules. Building construction and basic lighting design concepts and theory will be covered as well.
- ART 3503 Colors and Materials 0/6/3**
 Prerequisite: ART 1007, 1101, 1102
 An introduction to the characteristic and the application of the different types of the building and interior finish materials through lectures and actual projects. There will be a series of lectures from several guest speakers who are in the interior design material manufacturing industry and several special field trips to the manufacturing facilities. This course will also explore the theory and the application of color in Interiors.
- ART 3504 Perspective Drawings and Renderings 0/6/3**
 Prerequisite: ART 1007, 1101, 1102
 An introduction of sketching and rendering techniques as a visual communication tool. This course covers one and two point perspective drawings using both technical method and free hand style. Multiple methods/techniques of color rendering using various media such as colored pencils, marker, soft pastel and watercolor will be explored.
- ART 3601 Painting I 0/6/3**
 Prerequisite: ART 1007, 1008, 1101, 1102
 An introductory painting course using watercolor and/or other transparent media as a vehicle for visual expression. Open-ended painting problems from both nature and the imagination will be presented. Students will mat and frame a selection of artwork produced during the term.

ART 3602 Painting II **0/6/3**

Prerequisite: ART 1007, 1008, 1101, 1102

A painting course using oil, acrylic and/or other opaque media as a vehicle for continued progress in visual expression. Students will frame a selection of artwork produced during the term.

ART 3701 Photography I **0/6/3**

Prerequisite: ART 1007, 1008, 1101, 1102

This course explores the use of analog and digital, single lens reflex (SLR) cameras. Studio practice includes both digital and darkroom production, while learning a range of critical issues relevant to fine art photography.

ART 3702 Photography II **0/6/3**

Prerequisite: ART 3701

This course covers the use of large camera formats, studio lighting practices, and presentation methods for digital and darkroom processes, while learning a range of critical issue relevant to contemporary fine art photography. The course also stresses continued development of personal visual vocabulary.

ART 3801 Printmaking I: Survey **0/6/3**

Prerequisite: ART 1007, 1101, 1102

A survey of the basic printmaking methods associated with relief and intaglio printmaking, including an introduction to book forms.

ART 3802 Relief Printmaking **0/6/3**

Prerequisite: ART 3801

This course offers advanced experiences in relief printmaking, including the introduction of color. In addition, students will develop image with text through a brief historical survey of letterpress printing.

ART 3901 Introductory Sculpture **0/6/3**

Prerequisite: ART 1007, 1101, 1102

An introduction into the four sculptural processes: Subtractive Method (carving), Additive Method (modeling), Substitutive Method (casting), and Constructive Method (assembling). Emphasis is on the relationship of mass, space, and volume.

ART 3902 Sculpture II **0/6/3**

Prerequisite: ART 3901

Emphasis of this course is on acquiring technical skill and learning the safe and appropriate use of tools and materials in the fabrication of sculptural objects. Course also addresses the impact of material and technique upon form and content with the use of mass, space and volume.

ART 3903 Sculpture III **0/6/3**

Prerequisite: ART 3901

Emphasis of this course is on acquiring technical skill and learning the safe and appropriate use of tools and an expanded view of traditional and non-traditional materials in the fabrication of sculptural objects. Students will expand individual visual vocabulary, technique, media and concepts through research, design and construction.

- ART 4000 Advanced Drawing** **var. 1-3**
 Prerequisite: ART 1007
 Advanced visual art production and personal expression in drawing. May be repeated for 15 hours credit.
- ART 4005 Advanced Life Drawing** **var. 1-3**
 Prerequisite: ART 1008
 Drawing of the live model, both nude and clothed, continuing the mastery of both proportions and anatomy. A variety of drawing media will be used. May be repeated for 15 hours credit.
- ART 4009 Art Curriculum and Classroom Management** **0/6/3**
 Prerequisite: ART 3011
 This class is designed for the art education major to apply educational principles of curriculum and a variety of instructional strategies to the content of art education. Students will investigate the evolution of art education's purpose and goals in general education, as well as techniques for classroom management and computer-assisted instruction. An internship in a middle level art class is a requirement of this course.
- ART 4010 Secondary Art Methods** **0/6/3**
 Prerequisite: ART 3011, ART 3012
 This course is designed specifically for the art education major with an emphasis on the methods and teaching strategies of particular significance for secondary art education. The methods presented in this course are designed to complement curriculum theory discussed in the art curriculum course. Methods in art education include approaches to art criticism and aesthetics, as well as a variety of media and creative problem solving strategies. An internship in a high school art class is a requirement of this course.
- ART 4011, 4012, 4013 Student Teaching in Art Education** **9**
 Prerequisite: All required education and art education courses.
 Student teaching is the cumulating course of the teacher preparation program. It is typically viewed as a full class load and done primarily in a selected school under the guidance of an experienced supervising art teacher and the university supervisor. In art education, students will complete a portion of the student teaching experience at the elementary level and another portion at the secondary level in order to receive K-12 certification. Periodic seminars will be held on campus for students to meet as a group for discussion and instruction. A grade of C or better is required for certification.
- ART 4200 A,B Topics in the Art of Ancient Greece OR
 in the Art of Ancient Rome** **3/0/3**
 Prerequisite: ART 2201
 The Study of Ancient Greek (4200A), or Etruscan & Roman (4200B) sculpture, architecture, and painting in their historical contexts.
- ART 4201 A,B,C Non-Western Art: New World, Asian, or African** **3/0/3**
 Introduction to art & architecture in the Non-Western canon, through study of Art of the New World (4201A) OR Asian Art (4201B) OR African Art (4201C). The area will be explored as evidence of cultures as they evolved in specific times & places with reference to use in ritual and to beliefs of those who employed these expressions. To be offered each spring.

ART 4202 A,B Aspects of Early Christian & Byzantine Art 3/0/3
OR Medieval ART

Prerequisite: ART 2201

A topic in either Early Christian & Byzantine Art (4202A) OR Medieval Art (4202B). Either would include an exploration of Christian art in Europe and the Near East, and secular works from the periods of 400-1400 OR 500-1543, respectively. To be offered every third semester.

ART 4203 A,B Art of Ancient Egypt OR Art the Ancient Near East 3/0/3

Prerequisite: ART 2201

A study of Art of the ancient world through exploration of either of the two earliest major civilizations: Egypt (4203A) OR the Ancient Near East (4203B). To be offered every third semester.

ART 4204 A,B Northern Renaissance Art OR 3/0/3
Italian Renaissance Art

Prerequisite: ART 2202

A study of Northern Renaissance Art (4204A) OR Italian Renaissance Art (4204B) through investigation of sculpture, painting, and architecture in historical and cultural context. To be offered every third semester.

ART 4206 A,B Art of 17th Century Europe or 18th Century Europe 3/0/3

Prerequisite: ART 2202

A study of either 17th-Century Art (4206A) OR 18th-Century Art (4204B) in Europe, covering the Baroque, Rococo, early Neoclassical, and Romantic styles. To be offered every third semester.

ART 4207 A,B Art of 19th Century Europe & America: 3/0/3
Neoclassicism & Romanticism OR Realism
Through Post Impressionism

Prerequisite: ART 2202

A study of either 19th-Century Romantic and Neoclassical Art (4207A) OR 19th- Century Realism through Post Impressionism in Art (4207B) in Europe. To be offered every third semester.

ART 4208 A,B Art of Pre WWII 20th Century 3/0/3
OR Post WWII 20th & 21st Centuries

Prerequisite: ART 2202

A study of either Pre-WWII 20th Century Art (4208A) OR Post WWII Art of the 20th and 21st Centuries (4207A) in Europe and America. Either will explore the concepts and formal characteristics of "modernism" and/or its aftermath in Western Art, including the various "isms" and movements which arose in these periods. To be offered every other semester.

ART 4210 A,B American Art until 1865 OR American Art 3/0/3
from 1865 until 1945

Prerequisite: ART 2202

A study of American Art either from the time of European colonization of North America until the Civil War (4210A) OR from the Civil War until the end of WWII (4210B). Either will explore the distinctive American idioms in painting, sculpture, architecture, interior decoration, and craft. To be offered every third semester.

- ART 4212 History of Interiors** 3/0/3
A survey of architecture and furniture styles from Ancient time to the present, but with an emphasis on contemporary design.
- ART 4220 Museum Seminar** var. 3-4
This course involves classroom study of the art and architecture of a city or country followed by a trip to visit what has been studied. The subject varies: New York City, Chicago, Washington/Philadelphia, Italy, France, Greece, Vienna/Paris, and others. Credit will vary depending upon the individual trips. Seminars taught during the summer in conjunction with the Bayeux Summer Art Program will be four hours credit, while others will be three hours credit. May be repeated up to 16 credit hours.
- ART 4240 Special Topics in History of Art** 3/0/3
Survey and investigation of a particular topic, problem, or issue in art history with emphasis on those not covered in other art history courses.
- ART 4302 Intermediate Ceramics: 20th Century Studio** 0/6/3
Prerequisite: ART 3301
Expands the development of ceramic techniques/ aesthetics specific to the 20th century art movements; Futurism, Abstract Expressionism, Minimalism, Pop/Funk, and Photorealism. Students will progress through each movement with assigned research and technical instruction that will foster an understanding of the role of “Ceramics” in each of these “Fine Art” movements. Ceramic Tromp l’oeil techniques. Abstract Expressionist firing techniques including wood firing, and large outdoor construction techniques will be employed during the completion of a series of period influenced projects.
- ART 4303 Intermediate Ceramics: Surface, Image, & Text** 0/6/3
Prerequisite: ART 3301
Intermediate Ceramics—Surface, Image, & Text is a process premised intermediate course that provides students the opportunity to expand their technical skills, experience, and critical thinking skills through the completion of a series of process specific projects. Each project requires research, an oral presentation, and the production of personally derived artwork that utilizes the given process/ technical information and reflects the assigned research.
- ART 4304 Advanced Ceramics** var. 1-3
Prerequisite: ART 4303
Emphasis on individual expression with clay and ceramic glaze calculation. May be repeated for 15 hours credit.
- ART 4403 Graphic Identity** 0/6/3
Prerequisite: ART 3402
The course develops logos, trademarks, and wordmarks that reflect a planned image for both corporations and products. Students conceive, develop and coordinate a series of graphic projects in various areas that develop a public image for a commercial product or corporation. The course utilizes the computer as a significant tool in the application of design solutions.

ART 4404 Three-Dimensional Graphic Design 0/6/3

Prerequisite: ART 4403

The course encourages students to conceive and develop single and multiple product lines, point-of-purchase display units, and to learn to evaluate existing packaging systems. The appropriate thinking, research, and understanding of the packaging criteria which leads to innovative packaging will be explored.

ART 4405 Advanced Problems in Graphic Design var. 1-3

Prerequisite: ART 4404

Advanced level explorations in graphic design. The emphasis will be on scholarship, extended computer literacy, individualized studies, conceptual thinking, and appropriate production methodologies. The studies will be computer based and relative to professional growth. May be repeated for up to 15 hours credit.

ART 4503 Computer Aided Design 0/6/3

Prerequisite: ART 3502

An introduction to drafting on the computer for the interior designer.

ART 4504 Contract Design 0/6/3

Prerequisite: ART 4503

An advanced interior design course introducing students to various commercial spaces. Critical client analysis, complex programming, function and its space planning solution, commercial furniture, materials, ADA, Universal Design, general building codes, and open office systems will be emphasized.

ART 4505 Studio Problems in Interior Design var. 1-3

Prerequisite: ART 3501 and permission of instructor

An in-depth study of a particular area of interior design. Topics include, but not limited to: lighting design, historic preservations, furniture design, kitchen and bath design, hospitality design, and others topics of interest to the interior design student. May be repeated for 15 hours credit.

ART 4506 Business Practice for Interior Designers 0/6/3

Prerequisite: ART 4503 or with instructor's approval

An introduction to interior design administrative systems, scopes of services, specifications procedures, contract documents, economic/contractual obligations and professional ethics for Interior Designers. Preparation for job interviews such as portfolio, resume, and business card will be covered in this course.

ART 4507 Advanced Residential Design 0/6/3

Prerequisite: ART 3501, 4503

Advanced level explorations in Residential Design. The emphasis may include Universal Design, 3 dimensional model, and multi-housing.

ART 4508 Advanced Computer Aided Design 0/6/3

Prerequisite: ART 4503

Advanced level explorations in CAD. The emphasis will be extended knowledge in AutoCAD, Architectural Desktop and/or Revit, and individual studies.

- ART 4586 Internship** **0/9/3**
 Prerequisite: Must complete nine hours in area of concentration
 Students will secure a position with a company for field experience. Academic component includes written reports and/or visual presentations. Permission of the department is required. May be repeated for 15 hours credit.
- ART 4603 Painting III** **0/6/3**
 Prerequisite: ART 3601, 3602 in any sequence
 An intermediate-level painting course exploring visual expression through the use of combined media and art forms. Non-traditional painting media will be introduced, and the student will also continue to enhance his or her expressive skills through the use of traditional painting media.
- ART 4604 Advanced Painting** **var. 1-3**
 Prerequisite: ART 4603
 An advanced-level course exploring visual expression in painting using media of the student's choice. Open-ended problems will be presented. May be repeated for 15 hours credit.
- ART 4703 Photography III** **0/6/3**
 Prerequisite: ART 3702
 This course provides advanced experience with digital still image-making as well as virtual media, while learning a range of critical issues relevant to contemporary digital media. The course also stresses continued development of personal visual vocabulary.
- ART 4704 Advanced Photography** **var. 1-3**
 Prerequisite: ART 4703
 Individual expression in photography is stressed. Contingent on the approval of the instructor, the student will define a series of works delving into subject matter and/or technical interests. May be repeated for 15 hours credit.
- ART 4803 Intaglio** **0/6/3**
 Prerequisite: ART 3801
 This course offers advanced experiences in the intaglio method of print-making including hard and soft ground etching, aquatint, spit bite and monoprinting. Color etching will be introduced, and exposure to book forms will continue.
- ART 4804 Lithography** **0/6/3**
 Prerequisite: ART 3801
 This course offers an introduction to the history and processes of aluminum plate and stone lithography and continued exposure to the book as an art form.
- ART 4805 Advanced Printmaking** **var. 1-3**
 Prerequisite: ART 3801 and 3802 or 4803 or 4804
 Advanced expressive problems at the undergraduate level in one or more of the following methods: relief, intaglio, or lithography. May be repeated for 15 hours credit.

ART 4821 Printmaking IV: Screenprinting 0/3/3

Prerequisite: ART 3801

Screenprinting is a versatile printmaking medium in which students can combine a variety of marks, including photographic, digital and autographic into images which can be printed on many surfaces (paper, canvas and other fabric, wood, plastic, glass, etc.). This course is an investigation into the techniques and conceptual possibilities of water-based screenprinting (seriography) with emphasis on interdisciplinary approach.

ART 4822 The Art of Letterpress Printing and the Book 0/6/3

Prerequisite: ART 1007, 1008, 1101, 3801

Letterpress Printing & Book Arts will continue with advanced problems where Printmaking Survey (3801) ended. The utilization of moveable type (typesetting) will compare aesthetics, history and vocabulary with those of current computer based typesetting. A variety of two and three dimensional book forms will be considered for letterpress application.

ART 4903 Sculpture IV 0/6/3

Prerequisite: ART 3901

Focus of this course is on individual visual vocabulary, expression and content through production of meaningful objects. Students will research and apply advanced techniques and issues in contemporary sculpture using a wide range of traditional and nontraditional materials.

ART 4904 Advanced Sculpture 0/6/3

Prerequisite: ART 3901, 3902, 3903, 4903

This course focuses on advanced sculptural investigations and individual expression with traditional and nontraditional materials chosen by the student. Students demonstrate significant research in process, technique and material to express individual ideas and aesthetics resulting in a portfolio of works. May be repeated for 15 hours credit.

ART 4984 Senior Seminar in Art History 3/0/3

This course is the culmination of the art history program and is to be taken at the end of a student's course work. This course provides a structured environment for majors to complete an important research project which they will present at the end of the semester to the art department faculty and students as their senior thesis.

ART 4985 Special Topics var. 1-3

Prerequisite: ART 1007, 1101, 1102

Individual studio problems in various topics or media relevant to the student's special interest and competence. May be repeated for up to 15 hours credit.

BIOLOGY**Biology 160 • 678-839-6547****<http://www.westga.edu/~biology/>**

Professors, J. Hendricks, G. Payne, S. Swamy-Mruthinti, H. Zot (Chair); **Associate Professors**, L. Kral, D. Osborne, N. Penco, C. Tabit; **Assistant Professors**, H. Banford, J. Huff, W. Kenyon, D. Morgan; **Instructor**, L. Payne

The biological sciences include a wide range of disciplines that address the processes of life, all living organisms, their environments, and the actions and

interactions of all living things. Biology has a rich history and an exciting future as it impacts ecology and the environment, medicine, biotechnology, and many other aspects of modern life. The Biology Department at West Georgia consists of men and women who are nationally and internationally recognized for their research accomplishments and excellence in teaching. The faculty enjoy interacting with students and teaching and, at the same time, offer opportunities for students to conduct cutting-edge research. The Department offers pre-professional training (pre-medical, pre-dental, pre-veterinary, pre-occupational, pre-physical therapy, and pre-allied health), as well as programs to prepare students either for graduate work in a wide variety of biological sciences or for employment. In addition, the department has developed a focused track for persons who wish to pursue teaching at the secondary level. The biology curriculum offers diverse and integrated studies emphasizing the development of biological literacy and the fostering of student-faculty interaction in the classroom and in individual research projects. Unlike many other undergraduate programs in biology, where hands-on laboratories are becoming increasingly rare, the program at West Georgia emphasizes a strong laboratory component. West Georgia's Biology Department has well equipped labs with many state-of-the-art instruments for modern biological research. In addition to excellent general undergraduate degree programs, the department offers opportunities for independent research to all interested students and offers a unique honors degree track for academically gifted students.

While the department of Biology offers a B.A. degree, it is our experience that the B.S. degree is a more effective track for most of our majors. The B.A. degree allows students to pursue a broader liberal arts education. Students interested in this track may discuss the option with academic advisors. The fact that the B.A. degree accommodates a minor makes it an option for pre-physical therapy majors who wish to complete a minor in psychology.

The B.S. degree program has three defined tracks. The general track is for students who plan to continue their education in graduate programs in the biological sciences or for those who wish to enter the biological sciences job market upon completion of the undergraduate degree. This track offers the greatest flexibility in selecting major courses, thus allowing students who wish to specialize in an area of biology to better prepare for graduate studies in that sub-discipline. The pre-professional track is a more restrictive program that is designed to prepare students well for the entrance exams and performance standards of medical, dental, veterinary, physical therapy, and physician's assistant programs. The curriculum requires those courses most necessary for the demands of these professional programs. The secondary education track is a restrictive degree program that ensures future teachers meet all state and national content standards for science.

The general track for the B.S. degree in Biology at West Georgia is the appropriate one for any student who plans to pursue a graduate degree in any area of the biological sciences or for students who plan to seek employment in industry, government, or environmental laboratories. There is a great deal of flexibility in the choice of courses in biology, allowing students, with the guidance of their advisors, to develop a degree with a focus in various areas of biology, including cell and molecular biology, ecology and environmental biology, microbiology, physiology, immunology, marine and freshwater biology, just to name a few. Students are encouraged to contact the Biology Office for assistance in selecting the advisor best qualified to help each individual student with his or her

particular interests and goals.

The Honors Track in Biology is designed for academically gifted students who qualify for admission to UWG's Honors College. Honors students may elect to add special enrichment activities to their classes, allowing honors credit for virtually any course offered by the Biology Department. The special mentor/protégé relationship established in Biology's Honors option creates a unique learning experience for its participants.

Learning Outcomes and Expected Results

- To develop a strong diversified background in modern biology appropriate to the individual student goals. The anticipated outcome will be a student with an appreciation for the areas of modern biology and the inter-relatedness of these areas.
- To develop critical-thinking and problem based learning skills. The anticipated outcome will be a student with the ability to develop new ideas, to explore new areas of science or other academic endeavors, to design, implement, and evaluate scientific investigations, and to assess, interpret and understand data and its meaning.
- To develop the ability to communicate scientific ideas in both written and oral formats. The anticipated outcome will be a student who can organize and present his or her scientific ideas in both written and oral formats.
- To educate the students in the areas of data generation and interpretation. The anticipated outcome will be a student who is capable of critically evaluating information so that it is useful for addressing questions in science.

B.S. DEGREE WITH A MAJOR IN BIOLOGY

GENERAL BIOLOGY TRACK

	Hours
Core Areas A, B, C, D, & E (see pages 128-134)	42
Specific core curriculum requirements for the B.S. in Biology are:	
MATH 1113 required under Area A	
Two lab sciences required under Area D, which may not overlap in course number or content with courses taken elsewhere in the degree program.	
<i>Due to the stringent requirements for admission to professional schools, students are urged to consult advisors in choosing elective courses in the core curriculum and major.</i>	
Core Area F:	18
MATH 1113	1 of 4
BIOL 2107 and 2108 + Labs	8
CHEM 1211K and 1212K	8
BIOL 1101	1
Requirements for the Major:	60
Lower division requirements for Major:	4
CHEM 2411 + L	4
Upper division requirements for Major:	39
BIOL 4503 or CHEM 3422 + L	3 - 4
BIOL 4984 or 4150	1
Organismal Biology ¹	3 - 4
Prokaryotic Biology ¹	3 - 4
Ecological/Evolutionary Biology ¹	3 - 4
Physiological Biology ¹	3 - 4
Cell and Molecular Biology ¹	3 - 4

4 Upper Division Courses	14 - 20	
Electives		17
Total		120

**B.S. DEGREE WITH A MAJOR IN BIOLOGY
PRE-PROFESSIONAL TRACK**

		Hours
Core Areas A, B, C, D, & E (see pages 128-134)		42
Specific core curriculum requirements for the B.S. in Biology are:		
MATH 1113 required under Area A		
Two lab sciences required under Area D, which may not overlap in course number or content with courses taken elsewhere in the degree program.		
<i>Due to the stringent requirements for admission to professional schools, students are urged to consult advisors in choosing elective courses in the core curriculum and major.</i>		
Core Area F:		18
MATH 1113	1 of 4	
BIOL 2107 and 2108 + Labs	8	
CHEM 1211K and 1212K	8	
BIOL 1101	1	
Requirements for the Major:		60
Lower division requirements for Major:		4
CHEM 2411 + L	4	
Upper division requirements for Major:		39
BIOL 4503 or CHEM 3422 + L	3 - 4	
BIOL 4984 or 4150	1	
Organismal Biology ¹	3 - 4	
Procaryotic Biology ¹	3 - 4	
Ecological/Evolutionary Biology ¹	3 - 4	
Physiological Biology ¹	3 - 4	
Cell and Molecular Biology ¹	3 - 4	
Clinical Biology ¹	3	
Upper Division Electives	11 - 17	
Electives		17
Total		120

**B.S. DEGREE WITH A MAJOR IN BIOLOGY
SECONDARY EDUCATION TRACK**

Core Areas A, B, C, D, & E (see pages 128-134)		42
Specific core curriculum requirements for the B.S. in Biology are:		
MATH 1113 required in Area A		
CHEM 1211K and CHEM 1212K are required in Area D		
Core Area F:		18
MATH 1113	1 of 4	
BIOL 2107 and 2108 + Labs	8	
CEPD 2102	2	
SEED 2271	3	
CHEM 2411 + L	4	

Requirements for the Major:		60
BIOL 1101	1	
BIOL 4503 or CHEM 3422	3	
BIOL 4984	1	
Organismal Biology ¹	3 - 4	
Prokaryotic Biology ¹	3 - 4	
Ecological/Evolutionary Biology ¹	3 - 4	
Physiological Biology ¹	3 - 4	
Cell and Molecular Biology ¹	3 - 4	
Upper Division Electives	0 - 4	
Pre-Teacher Ed requirements:		
MEDT 3401	3	
SPED 2706	3	
Teacher Ed Requirements:		
CEPD 4101	3	
SEED 4271	3	
SEED 4286	9	
SEED 4289	3	
SEED 4242	4	
Electives		3-8
Total		120

B.A. DEGREE WITH A MAJOR IN BIOLOGY

The B.A. degree in Biology is available for students who wish to combine interests in biology with that of another program. Students interested in this option should contact a biology advisor. This may be of particular interest to pre-physical therapy majors who wish to have a minor concentration in psychology.

REQUIREMENTS FOR A MINOR IN BIOLOGY

Students with majors in other disciplines may complete a minor in biology. The minor requires 15-18 hours of biology courses with at least nine of those hours at the 3000- or 4000-level. Students must complete BIOL 2107 and BIOL 2108 with their laboratories and at least three upper division courses in biology. Only courses that apply toward the major in biology may be applied toward the minor.

¹Subtopic Biology Courses

For both the B.A. and the B.S. degrees in biology, certain upper division sub-discipline areas of biology are required in the curriculum. The information below should assist students in identifying specific courses that meet these sub-discipline requirements. The second number in the four-number system for the courses indicates the most appropriate sub-discipline for that course. For instance, a prokaryotic biology course would have a "3" in the second position (i.e., X3XX would designate a prokaryotic course); however, some courses address more than one discipline.

Sub-Discipline

Organismal Biology
Prokaryotic Biology

Courses that meet the Requirement

Any course with a X2XX number
Any course with a X3XX number

Ecological/Evolutionary Biology

Any course with a X4XX number, OR BIOL 4321

Physiological Biology

Any course with a X5XX number, OR BIOL 4315

Cell and Molecular Biology

Any course with a X6XX number, OR BIOL 4315

Clinical Biology

Any course with a X7XX number, OR BIOL 4325

Note 1: Unless otherwise noted in the course description, the prerequisites for all upper division courses are equivalent to either of the following two combinations of courses including the minimum grade designations. Combination A is BIOL 2107, BIOL 2107L, BIOL 2108, BIOL 2108L, CHEM 1211K, and CHEM 1212K; a minimum grade of C is required for every BIOL course of Combination A. Combination B is BIOL 1107, BIOL 1107L, BIOL 1108, BIOL 1108L, CHEM 1211K, and CHEM 1212K; the minimum aggregate GPA for Combination B is 2.5.

Note 2: Biology Majors must complete Combination A unless transferring the equivalent of BIOL 1107 or BIOL 1108 from another major or from another institution.

BIOLOGY COURSES (BIOL)

BIOL 1010 Fundamentals of Biology 3/0/3

This course will instruct students in basic biological phenomena and how organisms interact with their environments. Emphasis will be placed on humans and processes within the human biology. Topics will include biological diversity, biological molecules, cells, organ systems, genetics, and the interaction of man with his environment. Must be taken concurrently with BIOL 1010L.

BIOL 1010L Fundamentals of Biology Lab 0/2/1

Laboratory component of the Fundamentals of Biology course (BIOL 1010). The lecture and lab courses must be taken during the same term or students must have already completed BIOL 1010.

BIOL 1011 Biology of Human Reproduction 3/0/3

This course is designed to familiarize students with the basic structure and function of the reproductive tract, developmental processes, the genetics of reproduction, and disease and dysfunctions of the reproductive tract. Topics of general interest such as birth control, sexually transmitted diseases, infertility, and means of overcoming infertility will be discussed.

BIOL 1012 Ecology and Environmental Biology 3/0/3

This course is designed to familiarize non-major students with the basic structures and functions of populations, communities, and ecosystems. Based on this foundation, emphasis will be placed on ecological assessments of many current and pressing environmental issues that threaten the air, water, and soil resources of earth. Same as ENVS 1012.

BIOL 1013 Biology of AIDS and Infectious Disease 3/0/3

This course is designed to inform students about infectious diseases, how microorganisms cause diseases, and how humans resist and fight infection. It will introduce students to several human organ systems and the common infections for those systems. The course will particularly focus on AIDS and HIV, the history, epidemiology, biology, diagnosis, and treatment of this particular disease.

- BIOL 1014 Nutrition** **3/0/3**
This course is a general science course. This course will provide a basic understanding of the fundamentals of human nutrition. It will use a scientific approach to apply the logic of science in understanding the individual's nutrition concerns. The course will incorporate the information needed to analyze and modify the individual's diet so that they will be prepared to make decisions about their individual health and nutrition. Emphases will be placed on the digestion and absorption functions of three of the four macromolecules (carbohydrates, proteins, fats), vitamins, minerals, water, and accessory nutrients. This course will also integrate energy balance, weight control, health, diseases, metabolism, and cultural diversity. Nutritional assessments will also be performed.
- BIOL 1015 The Unseen World of Microbes** **3/0/3**
This course is designed to introduce non-science majors to the diversity and importance of microorganisms and the role these organism play in the environment, industry, and our health. The course is designed for on-line delivery and contains an associated laboratory component.
- BIOL 1015L The Unseen World of Microorganisms Lab** **0/2/1**
This laboratory is designed to accompany BIOL 1015. Students may take the lecture without the lab; however, the lecture portion is a corequisite or prerequisite to this laboratory course. The laboratory modules consist of hands-on and virtual labs that are shipped to off-campus students.
- BIOL 1101 Freshman Biology Seminar** **1/0/1**
This course surveys the University Of West Georgia, the Biology Dept, and the discipline of Biology, including opportunities for post graduate studies and careers. Students will be engaged by active learning assignments in critical thinking, scientific information retrieval, practical computer skills, and oral and written communication. Students will be introduced to resources and practices that can assist success in the classroom. Students are expected to attend and report on assigned presentations outside of class.
- BIOL 1107 Principles of Biology I** **3/0/3**
This course is designed for biology majors, other science majors, and secondary science majors. An integrated plant-animal approach, including form, function, and development of organisms, their systematics, ecology, and evolution. Must be taken with BIOL 1107L.
- BIOL 1107L Principles of Biology I Lab** **0/3/1**
The laboratory component for BIOL 1107. Lecture and lab must be taken in the same term.
- BIOL 1108 Principles of Biology II** **3/0/3**
Prerequisite: BIOL 1107
A continuation of BIOL 1107. Must be taken with BIOL 1108L.
- BIOL 1108L Principles of Biology II Lab** **0/3/1**
The laboratory component for BIOL 1108. Lecture and lab must be taken in the same term.

- BIOL 2021 Human Anatomy and Physiology I** 3/0/3
 Prerequisite: An approved Area D lab science course
 An introduction to the structural and functional relationships in the human body. This course will introduce the student to the background material and the organ systems associated with protection, support, and movement, as well as the systems which control and integrate body functions. This course is designed to be taken before BIOL 2022. This course is not intended for biology or other laboratory science majors and cannot be used for credit toward those degrees. Must be taken with BIOL 2021L.
- BIOL 2021L Human Anatomy and Physiology I Lab** 0/3/1
 The laboratory component of BIOL 2021. Students must enroll in BIOL 2021 in the same term.
- BIOL 2022 Human Anatomy and Physiology II** 3/0/3
 Prerequisite: BIOL 2021
 A continuation of the study of the structural and functional relationships in the human body. This course will introduce the student to the structure and function of the organ systems associated with blood production, blood flow, respiration, digestion, excretion, reproduction, and immunity. This course is designed to follow BIOL 2021. This course is not intended for biology or other laboratory science majors and cannot be used for credit toward those degrees. Must be taken with BIOL 2022L.
- BIOL 2022L Human Anatomy and Physiology II Lab** 0/3/1
 The laboratory component of BIOL 2022. Students must enroll in BIOL 2022 in the same term.
- BIOL 2030 Medical Microbiology** 3/0/3
 Prerequisite: An approved Area D lab science course
 This course is designed for nursing and other allied health persons and is intended to introduce the student to the basic concepts and practices of microbiology, especially with regard to health and human disease. Lecture portions of the course will address the basic biology of microorganisms, pathogenic mechanisms, host defense and immunity, and microorganisms and human diseases. This course is not intended for biology or other laboratory science majors and cannot be used for credit toward those degrees. Must be taken with BIOL 2030L.
- BIOL 2030L Medical Microbiology Lab** 0/3/1
 The laboratory component of BIOL 2030. Students must enroll in BIOL 2030L in the same term.
- BIOL 2107 Principles of Biology I for Biology Majors** 3/0/3
 Prerequisite: CHEM 1211K and CHEM 1212K or departmental consent
 This is the first of a two semester course designed for Biology majors requiring a survey of fundamental topics in modern biology. Lectures build on a foundation of chemistry to develop current concepts of cell and molecular biology, genetics, evolution, and biological diversity. This course satisfies a core requirement of the Biology major but does not fulfill any of the requirements for general education.

BIOL 2107L Principles of Biology I Lab for Biology Majors 0/3/1

Prerequisite: CHEM 1211K and CHEM 1212K or departmental consent

This is the laboratory component for the lecture course, BIOL 2107. Lecture and lab must be taken in the same semester.

BIOL 2108 Principles of Biology II for Biology Majors 3/0/3

Prerequisite: CHEM 1211K, CHEM 1212K, and a minimum grade of C in BIOL 2107; or departmental consent.

This is the second of a two semester course designed for Biology majors requiring a survey of fundamental topics in modern biology. Lectures build on a foundation of chemistry to develop current concepts of the form and function of plants and animals and of ecology. This course satisfies a core requirement of the Biology major but does not fulfill any of the requirements for general education.

BIOL 2108L Principles of Biology II Lab for Biology Majors 0/3/1

Prerequisite: CHEM 1211K, CHEM 1212K, BIOL 2107, and BIOL 2107L; or departmental consent

This is the laboratory component for the lecture course, BIOL 2108. Lecture and lab must be taken in the same semester.

BIOL 2120 Biological Computer Applications 1/0/1

Prerequisite: BIOL 1108; Corequisite: BIOL 2135 and 2135L

This course is designed to introduce sophomore-level biology majors to basic computer applications that will provide knowledge and skills useful for advanced coursework, professional studies, or employment in the biological sciences.

BIOL 2130 Sophomore Biology Seminar 1/0/1

Prerequisite: BIOL 1108

A course designed to introduce biology majors to basic skills for critical reading of biological literature, methods for organizing information for oral presentation, and which will assess the oral presentation skills of students. Students will learn methods for literature searches and the styles of writing for biological literature, including research papers, review articles, and short communications. Each student will select a topic for presentation, will research her or his topic, and will present the researched information orally in a style acceptable for scientific presentations.

BIOL 2134 Molecular Cell Biology 3/0/3

Prerequisite: Completion of BIOL 1107, 1107L, 1108, 1108L with a grade of C or higher and CHEM 1212K; Corequisite: BIOL 2130 and 2134L

This course deals with the molecular aspects of cell structure and function, emphasizing the chemical and molecular basis of cellular physiology. It also addresses genetic functions at the chromosomal and molecular levels, gene expression, and regulation.

BIOL 2134L Molecular Cell Biology Laboratory 0/3/1

Prerequisite: BIOL 1107, 1107L, 1108, 1108L with a grade of C or higher and CHEM 1212K; Corequisite: BIOL 2134

The laboratory component of BIOL 2134.

BIOL 2135 Ecology, Evolution, and Experimental Biology 3/0/3

Prerequisite: BIOL 1107, 1107L, 1108, 1108L with a grade of C or higher and CHEM 1212K; Corequisite: BIOL 2120, and 2135L

This course is designed to familiarize sophomore-level biology majors with the basic factors controlling the structure and function of populations, communities, and ecosystems. The role of evolutionary processes in the structure and function of these systems also will be explored. Basic concepts will be synthesized and reinforced by investigating the dynamics of the major aquatic life zones and terrestrial biomes on earth.

BIOL 2135L Ecology, Evolution and Experimental Biology Laboratory 0/3/1

Prerequisite: BIOL 1107, 1107L, 1108, 1108L with a grade of C or higher and CHEM 1212K; Corequisites: BIOL 2120 and 2135

This lab provides an in-depth study of experimental approaches and methods (including literature research, laboratory instrumentation, data collection and analysis, and report preparation and presentation) that are commonly used in research to address questions in the biological sciences.

BIOL 2983 Undergraduate Biology Research var. 1-4

A course designed to allow students to conduct faculty-directed, independent research projects in areas of the biological sciences. The course may be repeated, but credit for BIOL 2983 may not apply toward biology degree requirements. Consent of faculty supervisor required.

BIOL 2985 Special Topics in Biology var. 1-4

Specific titles will be announced for each term in class schedules and will be entered on transcripts. Application of these courses toward specific biology degree requirements will be made on a case-by-case basis, depending on the topic. May be repeated for credit as long as the topic differs. Consent of instructor required.

BIOL 3221 Taxonomy of Flowering Plants and Ferns 3/3/4

Prerequisite: BIOL 1108, 1108L or BIOL 2108, 2108L

This course is designed to familiarize students with the plant features and methodologies used to identify vascular plant species. The distinguishing characteristics, taxonomic relationships, economic importance, and ecological distribution of plant families will also be explored. Emphasis will be placed on recognition of vascular plant species endemic to northwest Georgia.

BIOL 3223 Vascular Plants 3/3/4

Prerequisite: Combination A or B (see note 1)

This course is designed to familiarize students with four basic areas of plant biology: diversity, anatomy, physiology, and ecology. In this survey, the ferns, fern allies, gymnosperms, and angiosperms will be compared and contrasted through lecture and lab-based exercises.

BIOL 3226 Natural History of Vertebrates 3/3/4

Prerequisite: BIOL 1108, 1108L or BIOL 2108, 2108L

Vertebrate natural history is studied in lecture, lab, and field. The taxonomy, phylogeny, identification, and general aspects of the behavior and ecology of freshwater fishes, amphibians, reptiles, birds, and mammals of the Southeast are studied. Local species are emphasized.

- BIOL 3231 Comparative Vertebrate Anatomy** 2/6/4
Prerequisite: Combination A or B (see note 1)
A lab-oriented (dissection) course in the organogenesis and gross morphology of animal structure with an emphasis on functional and evolutionary modifications. Gross dissection and techniques used in morphology.
- BIOL 3232 Vertebrate Evolution** 3/0/3
Prerequisite: Combination A or B (see note 1)
Concepts of evolution with a review of how animals with backbones developed through more than 400 million years.
- BIOL 3310 Microbiology** 3/3/4
Prerequisite: Combination A or B (see note 1)
Microbiology is the study of biological organisms and agents too small to see with the unaided eye. This course will introduce students to the diversity, physiology, anatomy, and genetics of microorganisms, with particular emphasis on the bacteria. It will also introduce students to key areas of microbiology, including medical microbiology, microbial ecology, food microbiology, and biotechnology. In the laboratory, students will learn techniques for medical microbiology and biotechnology.
- BIOL 3513 Human Physiology** 3/3/4
Prerequisite: Combination A or B (see note 1)
A survey of the mechanisms involved in the function of the human body. Study is approached from the organ system level to address muscular, neural, hormonal, cardiovascular, respiratory, digestive, renal, and reproductive functions. Correlation will be made to the similarity between the demands placed on living systems regardless of whether the organism is multicellular or a single cell.
- BIOL 3526 Vertebrate Histology** 3/3/4
Prerequisite: Combination A or B (see note 1)
A microanatomical study of cell and tissue structure. Emphasis is on the complex nature of tissues and how the cellular associations within the tissue contribute to the overall functions of the tissues. Laboratory is devoted to preparation and interpretation of tissue samples.
- BIOL 3621 Genetics and Medical Genetics** 3/3/4
Prerequisite: Combination A or B (see note 1)
The major emphasis of this course is the study of both basic and advanced genetic principles and genetic analysis methods that can be applied to all eukaryotic organisms. The secondary emphasis of this course will be the study of human medical genetics.
- BIOL 4241 Entomology** 3/3/4
Prerequisite: BIOL 1108, 1108L or BIOL 2108, 2108L
The study of insects. This course is designed to provide students with a basic understanding of insect taxonomy, morphology, physiology, behavior, and evolution. The relationships between insects and humans, other animals, and plants will be examined. The influences of insects on culture, religion, art, history, and colonization will be discussed. The laboratory will be devoted primarily to developing an understanding of insect identification.

- BIOL 4242 Invertebrate Zoology** 3/3/4
 Prerequisite: BIOL 1108, 1108L or BIOL 2108, 2108L
 This course is designed to provide students with a basic understanding of taxonomy, morphology, physiology, and evolution of the more common invertebrate phyla. The distribution and interspecific relationships among invertebrates and other forms of life will be presented and discussed. The laboratory will be devoted primarily to developing an understanding of invertebrate morphology and classification.
- BIOL 4245 Ichthyology** 3/3/4
 Prerequisite: BIOL 1108, 1108L or BIOL 2108, 2108L
 The biology, systematics, and taxonomy of fishes with an emphasis on the biodiversity/biogeography of fishes in the state of Georgia.
- BIOL 4315 Microbial Physiology and Genetics** 3/3/4
 Prerequisite: BIOL 3310
 Microbial physiology is designed to illustrate that procaryotic organisms follow the same physiological rules and restrictions as eucaryotes. The course will illustrate the value of biophysical, biochemical, and thermodynamic principles to bacterial growth and function and will utilize mathematical formulae to illustrate the basic principles of microbial reproduction. Microbial physiology will utilize problem solving to strengthen the ability of students to design, conduct, and evaluate biological experiments and data.
- BIOL 4321 Applied and Environmental Microbiology** 3/3/4
 Prerequisite: BIOL 3310 or consent of instructor
 This course is designed to expose students to the importance of microorganisms in industry and in the environment. Laboratory exercises focus on microbial growth, interactions with environmental factors, and use in industrial applications such as food production and sewage treatment. Same as ENVS 4321.
- BIOL 4325 Advanced Medical Microbiology** 3/0/3
 Prerequisite: BIOL 3310 or consent of instructor
 This course is designed to inform students of current developments in the areas of clinical and medical microbiology. The course will focus on mechanisms of pathogenesis and host defense. Discussion of new and emerging infectious agents will be addressed.
- BIOL 4440 Aquatic Ecology** 3/3/4
 Prerequisite: Combination A or B (see note 1)
 A study of biological, chemical, and physical components and interactions in freshwater systems. Field labs include a study of reservoirs and streams in western Georgia.
- BIOL 4441 Animal Behavior** 3/3/4
 Prerequisite: Combination A or B (see note 1)
 A study of the mechanisms and adaptive functions of behaviors. The genetics, development, physiology, and ecology of behaviors are investigated with an evolutionary approach.
- BIOL 4445 Marine Biology** 3/3/4
 Prerequisite: Combination A or B (see note 1)
 The biology, systematics, and taxonomy of marine organisms with an emphasis on the ecological principles that influence their biogeography and distribution.

BIOL 4450 Terrestrial Ecology 2/6/4

Prerequisite: Combination A or B (see note 1)

This course provides an in-depth study of the processes controlling the structure and function of terrestrial ecosystems. Basic concepts will be synthesized and applied by comparing and contrasting the dynamics of terrestrial ecosystems in the Coastal Plain, Piedmont, and Mountain Regions of the Southeastern United States.

BIOL 4503 Biological Perspectives: Biochemistry 3/0/3

Prerequisite: Combination A or B (see note 1), 5 Hours of Biology at 3000 or above, CHEM 2422 or 3422

This course is designed to study the interactions of biochemical pathways and the control systems that function to regulate cell and whole body metabolism. This course emphasizes the regulation of biochemical pathways as opposed to the mechanisms involved in each enzymatic step within a given pathway.

BIOL 4520 Developmental Biology and Embryology 3/3/4

Prerequisite: Combination A or B (see note 1)

A course combining the fundamentals of embryology with the genetic and molecular analysis of embryonic development.

BIOL 4539 Comparative Physiology 3/0/3

Prerequisite: BIOL 3513 or consent of instructor

This course is designed to study the similarities and differences in how various animals have solved a wide variety of physiological problems imposed by the natural world in which they exist. The student will investigate the functions of the different organ systems in invertebrates and vertebrates. The main goal of this class is to focus on the observation of how problems in nature are solved by various organisms. A complete understanding of the physiology of the human is an absolute prerequisite for this course as this will be the point of reference for most discussions.

BIOL 4541 Plant Physiology 3/3/4

Prerequisite: Combination A or B (see note 1)

This course is designed to give students a hands-on approach to understanding the metabolic activities of how plants grow and develop throughout their life cycles. Emphasis will be placed on plant environmental interactions, stress physiology, growth regulators, mineral nutrition, translocation, transpiration, photosynthesis/respiration, and root/shoot physiology.

BIOL 4727 Essentials of Immunology 3/0/3

Prerequisite: BIOL 3310 or consent of instructor

This course is designed as an introduction to the immune response. The student will obtain a broad, comprehensive understanding of the principles of immunology. The course will focus on a detailed study of antigen-antibody interactions, humoral immunity, and cell-mediated immunity. Medically important syndromes, including AIDS, will be discussed to reinforce the principles of immunology.

BIOL 4729 Medical Virology 3/0/3

Prerequisite: BIOL 3310 or consent of instructor

This course is designed as an introduction to viruses that are involved in human disease. The student will obtain a broad, comprehensive understanding of the principles of virology using specific medical examples. The course will focus on a detailed study of the viral structure, replication, gene expression, pathogenesis, and host defense.

BIOL 4730 Emerging Pathogens 3/0/3

Prerequisite: BIOL 3310

The emerging pathogen course is designed to inform students of the dramatic changes and current developments in the area of infectious disease. The course will focus on the evolving microorganisms and the reasons that the pathogens emerged. Also the course will include discussions on the mechanisms of pathogenesis and the host defense.

BIOL 4731 Introduction to Toxicology 3/0/3

Prerequisite: BIOL 3513 or consent of instructor

The primary objective of the course is to present students with the concepts and practical applications of the science of toxicology. This course is designed to provide students with a basic understanding of the principles of toxicology, focusing on the biochemical, physiological, and ecological effects of various toxicants. The use of toxicology in biomedical, pharmaceutical, agrochemical, and environmental research will be examined and discussed.

BIOL 4732 Biology of Aging 3/0/3

Prerequisite: Combination A or B (see note 1)

Since the beginning of time, the fear of aging has preoccupied mankind. Only recently we are gaining insights into important clues about biological process of aging. In this course we will focus on some of the ideas about aging put forward by early alchemists to modern molecular biologists. We will discuss biological principles behind anti-aging and aging intervention agents, as well as life-style options.

BIOL 4981 Independent Study var. 1-4

Independent study of topics not offered in the current term. Independent study is only available for topics addressed by current courses if the topical course will not be offered during the academic year, or if the scheduling of the topical course is such that it will require a delay in timely completion of the degree for the student.

BIOL 4983 Advanced Undergraduate Biology Research var. 1-4

The research course is designed to teach students methods for biological research. Students will conduct research under the supervision of a faculty mentor and will learn proper methods for record keeping and report writing. Each student will work on a unique research project to be selected by the faculty mentor and the student. Students may repeat this course without limit, but a maximum of four semester hours may be applied toward the biology degree.

BIOL 4984 Senior Biology Seminar 1/0/1

Prerequisite: Senior Status

The senior biology seminar is designed to prepare students for oral presentation of biological research and concepts and to allow a mechanism for feedback on presentation skills. Biology majors are required to first enroll in sophomore biology seminar. Students who have conducted research projects may present their own research results. Others may present information from current biological research literature.

BIOL 4985 Special Topics in Biology var. 1-4

Prerequisite: Consent of instructor

Specific titles will be announced for each term in class schedules and will be entered on transcripts.

BIOL 4986 Biological Internship var. 1-2

Prerequisite: Consent of Department Chair

Students wishing to enter an internship experience will be provided with a written statement of understanding, defining the nature of the experience and the expectations for student performance. The degree of involvement for the particular experience will be used to determine credit hours received.

CHEMISTRY**TLC 2135 • 678-839-6550**<http://www.westga.edu/~chem/>

Professors, A. Leavitt, P. Ray, S. Slattery (Chair); **Associate Professors**, S. Basu-Dutt, V. Geisler, J. Hansen, F. Khan; **Assistant Professors**, M. Fujita, D. Stuart; **Lecturer**, A. Gaquere

The Department of Chemistry offers courses leading to the B.A. or the B.S. in Chemistry degree. Students may also elect to minor in chemistry. Students interested in chemistry should talk to a chemistry advisor as early as possible. The B.A. degree emphasizes the liberal arts with specialization in chemistry and offers the opportunity to develop a broad background for students preparing for a variety of careers or planning to enter professional school in medicine, dentistry, veterinary science, law, or business. The B.S. in Chemistry degree offers a greater concentration in chemistry and is recommended for students planning careers in engineering and the chemical industry or for those who plan to pursue graduate study. A senior research thesis and seminar is required and designed to introduce students to modern advanced techniques and approaches to chemical research in conjunction with a faculty advisor.

Both degree programs offer courses in the basic areas of analytical, inorganic, organic, and physical chemistry and are supplemented by chemistry electives. Modern scientific instrumentation is available and incorporated into all courses of the curriculum.

Students with an excellent background in high school chemistry may begin with CHEM 1230K or other appropriate classes, depending upon the results of tests administered by the Department or AP placement exams.

B.S. PLAN A**ACS CERTIFIED OPTION**

This B.S. in Chemistry degree option is approved by the Committee on Professional Training of the American Chemical Society. This formal recognition

means that the Department has the faculty, curriculum and the instrumentation necessary to provide a quality education for undergraduate students. Graduates of this approved program are certified by the American Chemical Society.

Upon completion of this degree program the student will have acquired:

1. A well-developed understanding of the major areas of chemistry including organic, analytical, physical, and inorganic chemistry
2. The ability to formulate significant research questions, design experiments, carry out experimental protocol, and analyze and interpret data
3. An understanding of mathematical formalism as applied to chemistry
4. The ability to communicate effectively in both oral and written presentations
5. Proficiency in retrieving information from the literature
6. The ability to use appropriate computer applications and information technology as applied to chemistry
7. Adequate preparation to compete successfully in a science-related career and/or a graduate or professional program
8. An understanding of the impact of chemistry in a global/societal context

	Hours
Core Areas A, B, C, D, E (see pages 128-134)	42
Core Area A must include MATH 1113*	
Core Area D must include MATH 1634* (*2 hrs moved to Area F), and PHYS 2211, PHYS 2212 is recommended.	
Core Area F: Courses specific to the major	18
MATH 2644	4
CHEM 1211K or CHEM 1230K	4
CHEM 1212K or CHEM 2422 and 2422L	4
CHEM 2411 and 2411L	4
MATH credit from Area A and D	2
Concentration	47-51
Courses from the major:	
CHEM 2130	1
CHEM 2422 and 2422L (if not in F)	0-4
CHEM 3310K	4
CHEM 4330K	4
CHEM 3521	3
CHEM 3522	3
CHEM 3550L	2
CHEM 4913L	2
CHEM 4611	3
CHEM 4612	3
CHEM 4083***	4
CHEM 4084***	1
CHEM 47xx	3
CHEM electives**	6
Courses from supporting disciplines:	
CS 1301	4
MATH 3303	3
Electives	10-14
TOTAL	120

General Restrictions: Students are allowed only one D in the courses used to satisfy the major. A maximum of 7 hours of research is allowed in the degree program. Six (6) hours of WAC courses are required.

***Chemistry Electives: The following courses are not allowed: CHEM 3130, CHEM 3140, CHEM 4083, CHEM 4084, and CHEM 4185.*

****A senior thesis paper and oral presentation are required.*

B.S. PLAN B BIOCHEMISTRY OPTION

This option is designed to allow students to study the interrelationship between structure and function in living cells at the molecular level, and explore the rapidly developing interface between chemistry and biology. This degree plan follows the guidelines of the American Chemical Society for professional training. Students entering this program will complete the regular requirements of a B.S. in Chemistry degree as well as biochemistry and biology courses. This curriculum prepares a student to enter graduate studies in chemistry, biochemistry or a related field, or professional school. It can be used to pursue opportunities in biotechnology, clinical chemistry, biomedical engineering, toxicology, and pharmacology to name a few examples.

Upon completion of this degree program, the student will have acquired:

1. A well-developed understanding of the major areas of chemistry including biochemistry, organic, analytical, physical, and inorganic chemistry
2. The ability to integrate principles from other sub-disciplines of biology and chemistry to the study of biochemistry
3. The ability to formulate significant research questions, design experiments, carry out experimental protocol, and analyze and interpret data in both chemistry and biochemistry
4. The ability to communicate effectively in both oral and written presentations
5. An understanding of mathematical formalism as applied to chemistry and biochemistry
6. Proficiency in retrieving information from the literature
7. The ability to use appropriate computer applications and information technology as applied to chemistry and biochemistry
8. Adequate preparation to compete successfully in a science-related career and/or a graduate or professional program
9. An understanding of the impact of chemistry and biochemistry in a global/societal context.

Core Areas A, B, C, D, & E (see pages 128-134)	42
Core Area A must include MATH 1113*	
Core Area D must include MATH 1634*, and PHYS 2211 and PHYS 2212 is recommended (*2 hours moved to Area F)	
Core Area F: Courses specific to the major	18
MATH 2644	4
CHEM 1211K, or CHEM 1230K	4
CHEM 1212K, or CHEM 2422 and 2422L	4
CHEM 2411 and 2411L	4
Math credit from Area D and A	2
Concentration	
Courses from the major	49-53

CHEM 2130	1	
CHEM 2422 and 2422L (if not in F)	0-4	
CHEM 3310K	4	
CHEM 4330K	4	
CHEM 3521	3	
CHEM 3522	3	
CHEM 3550L	2	
CHEM 4913L	2	
CHEM 4612	3	
CHEM 4083**	4	
CHEM 4084**	1	
CHEM 4711	3	
CHEM 4712	3	
CHEM 4720L	2	
Courses from Supporting Disciplines:		
MATH 3303	3	
BIOL 1107 & 1107L	4	
BIOL 1108 & 1108L	4	
BIOL 2134 & 2134L	4	
Electives		6-10
TOTAL	120	

General Restrictions: Students are allowed only one D in the courses used to satisfy the major. A maximum of 6 hours of research is allowed in the degree program. Six (6) hours of WAC courses are required.

*** A senior thesis paper and oral presentation are required.*

B.S. PLAN C

CHEMICAL ENGINEERING OPTION

In this option, a student may, in approximately five academic years, obtain a Bachelor of Science in Chemistry degree from West Georgia and a Chemical Engineering degree from an engineering school. The B.S. in Chemistry will be awarded by West Georgia after completion of 90 semester credit hours and transfer of 30 semester credit hours of chemical engineering courses from an engineering school. To obtain a B.S. in Chemistry degree from West Georgia, the student will have to complete courses in the core curriculum and lower and upper division chemistry classes. To obtain the engineering degree, the student will normally earn 60 or more hours of undergraduate credit required in the junior and senior years of study in chemical engineering. Students interested in engineering should contact Dr. Dutt soon after enrolling in the program to plan their schedules and to learn of special requirements. Students planning to attend Georgia Institute of Technology must have a least the minimum grade point average required of transferees. Students who fail to transfer will have to complete research and additional chemistry requirements of the B.S. in Chemistry curriculum at West Georgia in their final year.

(see page 204 for program requirements)

Upon completion of this degree program the student will have the ability to:

1. Understand the basic concepts of physical, organic, analytical instrumental chemistry, and chemical engineering

2. Apply mathematical and computer techniques to solve numerical problems in chemistry and chemical engineering
3. Analyze and interpret experiments conducted in chemistry and chemical engineering
4. Communicate effectively in both oral and written presentations

B.A. PLAN A

PRE-PROFESSIONAL OPTION (Pre-Med, Pre-Dent, Pre-Dent Hygiene, Pre-Pharm, Pre-Vet, Pre-PA) (see page 351)

B.A. PLAN B**GENERAL**

This degree option has as its core a number of fundamental courses in chemistry around which students with interest in other fields may build a broad-based curriculum. Combining this degree with minors or second majors prepares students for a variety of career opportunities in addition to standard laboratory positions and include the following: with business - technical sales; with biology or geology - environmental studies; with geology - geochemistry; with environmental studies - industrial hygiene; with political science followed by law school - patent law; with English - technical writing in newspaper, magazines, or technical manuals; with education - middle school and /or high school teaching.

Upon completion of this degree program the student will have acquired:

1. Competence in the basic content of organic, inorganic, physical, analytical chemistry and biochemistry
2. The ability to carry out experimental protocols, and analyze and interpret data
3. The ability to communicate effectively in both oral and written presentations
4. Proficiency in the use of appropriate computer applications and information technology as related to chemistry
5. Adequate preparation to compete successfully in professional school or a science-related career
6. An understanding of the impact of chemistry in a global/societal context

	Hours
Core Curriculum Areas A, B, C, & E (see pages 128-134)	42
Core Area A must include MATH 1113*	
Core Area D must include MATH 1634* and PHYS 1111 or 2211 and PHYS 1112 or 2212 is recommended. (*2 hours moved to Area F)	
Core Area F: major specific courses	18
CHEM 1211K or CHEM 1230K	4
CHEM 1212K or CHEM 2422 and 2422L	4
MATH 2644	4
CHEM 2411 and 2411L	4
Math credit from Area A and D	2
Concentration	26-30
Courses from major:	
CHEM 3422 and 3422L (if not in Area F)	0-4
CHEM 3310K	4

CHEM 3510 or 3521 or 3522	3	
CHEM 4610	3	
CHEM 4711	3	
CHEM electives**	6	
Courses from supporting disciplines		
CS 1301	4	
Foreign Language 2001	3	
Minor		
15-18 total hours with 9 hours at 3000 level or above		15-18
Electives (7-11 hours must be at 3000 level or above)		12-19
TOTAL	120	

General Restrictions: Only one D is permitted in a major course counted toward graduation. A maximum of 3 hours of research is allowed in the degree program. Six (6) hours of WAC courses are required.

***Chemistry Electives: The following courses are not allowed: CHEM 3130, CHEM 3140, CHEM 4083 and CHEM 4084.*

**B.A. PLAN C
SECONDARY EDUCATION CERTIFICATION OPTION**

	Hours
Core Curriculum areas A, B, C, D, and E (see pages 128-134)	42
Core Area A must include MATH 1113*	
Core Area D must include MATH 1634* and PHYS 1111 or 2211 and PHYS 1112 or 2212 are recommended. (*2 hours counted in Area F)	
Core Area F: Major Specific Courses	18
CHEM 1211 K	4
CHEM 1212K	4
MATH 2644	4
CHEM 2411/2411 L	4
Math from Area A and D	2
Concentration	60
Courses from major:	
CHEM 3422/3422L	4
CHEM 3310K	4
CHEM 3510 or 3521 or 3522	3
CHEM 4610	3
CHEM 4711	3
CHEM electives**	6
Courses from supporting disciplines	
SEED 2271	3
SPED 2706	3
CEPD 2102	2
Foreign Language 2001***	3
Professional Education Concentration****	
CEPD 4101	3
SEED 4271	3
SEED 4242	4
SEED 4286	9
SEED 4289	3

Science Concentration Electives++ (from one area at 3000 level or above)	4
TOTAL	120

General Restrictions: No D's are permitted in a major course or professional education.

A maximum of 3 hours of research is allowed in the degree program. Students must complete 6 hours of WA C courses.

***CHEM 3130 and 3140 cannot be used here.*

****This degree requires students to complete 2001 (or equivalent) in a foreign language*

*****PHYS 1111 and 1112 or PHYS 2211 and 2212 are required for this degree. Students must pass a competency test in Media and Instructional Technology or take MEDT 2401.*

++Must be science courses approved for an Arts and Science major in one concentration area

REQUIREMENTS FOR A MINOR IN CHEMISTRY

Seventeen to eighteen hours of courses suitable for inclusion in the major are required for the minor. There are three required courses: CHEM 2411, 2411L and 3310K; the remaining are electives.

CHEM 2411 and CHEM 2411L 4 hours

CHEM 3310K 4 hours

*CHEM Electives 3000 or above 5-6 hours

**Excluding CHEM 3130, CHEM 3140, CHEM 4083, and CHEM 4084*

PRE-PHARMACY

(see page 353)

CHEMISTRY COURSES (CHEM)

CHEM 1100 Introductory Chemistry 3/0/3

A one-semester course covering some basic concepts and applications of chemistry for non-science majors. This course may or may not be taken with a lab.

CHEM 1100L Introductory Chemistry Laboratory 0/3/1

Pre- or co-requisite: CHEM 1100

Laboratory exercises supplement the lecture material of CHEM 1100.

CHEM 1151K Survey of Chemistry I 3/3/4

Prerequisite: Exemption from or completion of all Developmental Studies requirements

First course in a two-semester sequence covering elementary principles of general, organic and biochemistry for allied health majors and non-science students. Topics to be covered include elements and compounds, chemical equations, organic nomenclature, and molecular geometry. Laboratory exercises supplement the lecture material.

CHEM 1152K Survey of Chemistry II 3/3/4

Prerequisite: CHEM 1151

Second course in a two-semester sequence covering elementary principles of general, organic and biochemistry for allied health professions and non-science major students. Laboratory exercises supplement the lecture material.

- CHEM 1211K Principles of Chemistry I** 3/3/4
 Prerequisite: One year of high school chemistry or minimum score on placement test given by Chemistry Department during Drop/Add
 Pre- or co-requisite: MATH 1113
 First course in a two-semester sequence covering the fundamental principles and applications of chemistry for science majors. Topics to be covered include composition of matter, stoichiometry, periodic relations, and nomenclature. Laboratory exercises supplement the lecture material.
- CHEM 1212K Principles of Chemistry II** 3/3/4
 Prerequisite: Completion of CHEM 1211K with a grade of C or higher. Completion of MATH 1113.
 Second course in a two-semester sequence covering the fundamental principles and applications of chemistry for science majors. Laboratory exercises supplement the lecture material.
- CHEM 1230K Accelerated Principles of Chemistry** 4
 Prerequisite: Two years of high school chemistry or minimum score on placement test given by Chemistry Department during Drop/Add. Co-requisite: MATH 1113
 Designed for the student with superior pre-college chemistry preparation. Principles of chemistry will be explored in an integrated class/laboratory setting. Topics will include reactions and reaction stoichiometry, atomic and molecular structure, chemical bonding, properties of solids, liquids, and gases, solutions, equilibria, acids and bases, solubility, thermodynamics and kinetics, and electrochemistry. Material will be discussed in greater detail and with a higher degree of mathematical rigor than in CHEM 1211K and CHEM 1212K. May not be taken for credit after successful completion of CHEM 1212K.
- CHEM 2083 Selected Projects in Chemistry** var. 1-3
 Title and description of course to be specified at time of offering.
- CHEM 2130 Sophomore Chemistry Seminar** 1/0/1
 Prerequisite: CHEM 1212K or CHEM 1230K
 A course designed to introduce Chemistry majors to current literature and career opportunities in Chemistry and allied fields. Faculty will present brief seminars pertaining to their research and topics of current interest. Students will carry out literature searches and make oral and/or written presentations on topics chosen in consultation with the instructor(s).
- CHEM 2411 Organic Chemistry I** 3/0/3
 Prerequisite: CHEM 1212K or CHEM 1230K and MATH 1113. Co-requisite: CHEM 2411L
 The first course of a two-semester sequence which provides a broad introduction to the basic principles, theories and applications of the chemistry of carbon compounds. Topics will include modern structural theory, organic nomenclature, stereochemistry, reaction mechanisms and kinetics, and an introduction to functional group chemistry. Also covers the interpretation of IR, NMR, and mass spectroscopy for the structure determination of organic compounds.

- CHEM 2411L Organic Chemistry Laboratory I** 0/3/1
Co-requisite: CHEM 2411
Emphasis of this laboratory will be on fundamental techniques and will provide experience with purification, physical and spectroscopic characterization, and synthesis of organic substances.
- CHEM 2422 Organic Chemistry II** 3/0/3
Prerequisite: Completion of CHEM 2411 with a grade of C or higher. Co-requisite: CHEM 2422L
The second course will systematically explore reactions of carbon-containing compounds and the mechanistic pathways involved in these processes. Reactions that will be discussed include functional group transformations, oxidation, reductions, cycloadditions, and carbon-carbon bond formation. The course begins to teach the student how to systematically design a multi-step synthesis of complex organic compounds. Same as CHEM 3422.
- CHEM 2422L Organic Chemistry Laboratory II** 0/3/1
Co-requisite: CHEM 2422
Emphasis of this laboratory will be on synthesis and characterization of organic substances.
- CHEM 3010 Law and Administration of Chemicals** 3/0/3
Prerequisite: CHEM 1212K
Categories of hazardous chemicals, their origin, impact on society, state and federal regulations, handling, storage, and disposal will be discussed. Case studies of hazardous chemicals will include asbestos, lead, polychlorinated biphenyls, pesticides, and batteries. Regulations, particularly RCRA, CERCLA, OSHA, TSCA, SARA, NEPA, HMTA, and CWA, will be discussed. Same as ENV5 3010. Students should be aware that a heavy writing component is required for this course.
- CHEM 3130 Modern Forensic Science** 3/0/3
Case-oriented approach will be used to explore selected topics of forensic science. These include (1) the scientific and technological foundation for the examination of evidence; (2) the scope of expert qualifications and testimony, the legal status of scientific techniques, and the admissibility of the results in evidence; (3) the analysis of trace evidence, including glass, soil, hair, fibers, gunpowder residues, and bullet fragments; (4) forensic toxicology and pharmacology are applied to the analysis of alcohol, poisons, and drugs; and (5) the characterization of blood and other body fluids. The cases which stimulate the exploration of these areas include the O.J. Simpson case, the John Kennedy assassination, the Jeffrey MacDonald case (Fatal Vision), the Wayne Williams case, the authenticity of the Shroud of Turin, the Lindberg baby kidnapping, and the Tylenol poisonings. Not applicable for major or minor credit in chemistry.
- CHEM 3140 Drugs and Drug Abuse** 3/0/3
Prerequisite: SOCI 1101 or consent of department
An examination of the current and historical patterns of alcohol, drug use, abuse, and control. Emphasis will be given to the patterns of usage, the way these drugs affect the body, and types of rehabilitation centers. Not applicable for major or minor credit in chemistry. See CRIM 3242.

CHEM 3310K Analytical Chemistry 4

Prerequisite: CHEM 1212K or CHEM 1230K and MATH 1634

This course introduces the more rigorous and demanding techniques of chemical analysis used by professional analytical chemists. The topics included are error analysis, chemical equilibria, spectroscopy, electrochemistry, and chromatography. Topics will be briefly introduced and explored more thoroughly in an integrated lecture/laboratory format using well-crafted laboratory exercises and experiments. Students should be aware that a heavy writing component is required for this course.

CHEM 3422 Organic Chemistry II 3/0/3

Prerequisite: Completion of CHEM 3411 with a grade of C or higher. Co-requisite: CHEM 3422L

The second course will systematically explore reactions of carbon-containing compounds and the mechanistic pathways involved in these processes. Reactions that will be discussed include functional group transformations, oxidation, reductions, cycloadditions, and carbon-carbon bond formation. The course begins to teach the student how to systematically design a multi-step synthesis of complex organic compounds. Same as CHEM 2422.

CHEM 3422L Organic Chemistry Laboratory II 0/3/1

Co-requisite: CHEM 3422

Emphasis of this laboratory will be on synthesis and characterization of organic substances.

CHEM 3510 Survey of Physical Chemistry 3/0/3

Prerequisite: Completion of CHEM 2422, MATH 2644, PHYS 1112 or 2122. A grade of C or higher must be achieved in MATH 1634 and MATH 2644..

This course is a survey course for students who do not need the more rigorous full-year sequence in physical chemistry. The course includes thermodynamics, chemical and phase equilibria, electrochemistry, kinetics, and other topics in physical chemistry.

CHEM 3521 Quantum Chemistry 3/0/3

Prerequisites: Completion of PHYS 2212. Completion of MATH 1634 and MATH 2644 with a grade of C or higher. Co-requisite: MATH 3303

This course is an introduction to elementary quantum mechanics and its applications to selected chemical systems. Topics include an introduction to operators, "particle in a box", harmonic oscillator, atomic structure, chemical bonding, atomic spectroscopy, rotational, vibrational and electronic spectroscopy of small molecules, and elementary statistical mechanics.

CHEM 3522 Chemical Thermodynamics 3/0/3

Prerequisite: Completion of PHYS 2212. Completion of MATH 1634 and MATH 2644 with a grade of C or higher.

This course develops standard topics in classical physical chemistry, with primary emphasis on chemical thermodynamics. The course includes physical and chemical properties of real and ideal gases, the law of thermodynamics and their application to physical and chemical systems, chemical and phase equilibria, kinetic theory of gases, chemical kinetics, transport properties, and the application of quantum mechanics to thermodynamics in statistical mechanics.

CHEM 3550L Physical Chemistry Lab 0/4/2

Prerequisites: CHEM 3521 and 3522, or consent of instructor

This lab course will take the place of the Advanced Labs I and II which are being removed from our programs for reasons described in the justifications for program change in the ACS certified programs in Chemistry and Biochemistry.

CHEM 3810 Chemical Process Principles 3/0/3

Co-requisite: PHYS 2212

An introductory engineering approach to material and energy balance for physical and chemical processes is developed. Gas behavior, systems of units, material properties, thermophysical and thermochemical concepts are discussed. Emphasis is on the application of material and energy balances to steady and unsteady state physical and chemical processes. Same as ENGR 3810.

CHEM 3830 Engineering Thermodynamics 3/0/3

Co-requisite: PHYS 2212, CHEM 3522

An introductory engineering approach to thermodynamics for physical and chemical processes is developed. Applications of first and second laws, engines, refrigeration and compression cycles, equations of states, fluid properties, corresponding states will be emphasized. Same as ENGR 3830.

CHEM 3885 Selected Topics in Chemical Engineering var. 1-3

Prerequisite: Consent of department

Title and description of course to be specified at time of offering. May be repeated for credit. Same as ENGR 3885.

CHEM 4003 History and Philosophy of Science 3/0/3

A study of the historical development of major areas of science and the philosophical examinations of scientific methods and results.

CHEM 4081 Independent Study var. 1-3

Prerequisite: Consent of department

A topic is chosen in consultation with a faculty member. May be used as a chemistry elective only by consent of the department.

CHEM 4083 Faculty Directed Research var. 1-3

A research project carried out under the guidance of a faculty member. Discussion of research areas with the faculty and preliminary work involving literature searching and planning should be completed before the senior year. Both a formal oral and written report of the results of the research must be presented to the faculty of the Department of Chemistry. May be repeated for credit.

CHEM 4084 Senior Seminar 1/0/1

Prerequisite: Consent of department

Restricted to senior chemistry majors. This course is designed to prepare students for oral presentation of chemical research. An oral defense of the students senior research project is required.

CHEM 4086 Internship in Chemistry var. 1-3

Prerequisite: Consent of department

Students will secure a position with a company for field experience. May be used for a chemistry elective only by consent of the Department.

- CHEM 4185 Selected Topics for Teachers** var. 1-4
Course is designed for pre- and in-service teachers. Title and description of course to be specified at time of offering. May be repeated for credit. May be used for major or minor credit in chemistry only by consent of Department.
- CHEM 4330K Instrumental Analysis** 3/1/4
Prerequisites: CHEM 3521 and CHEM 3310K
This is a course designed for chemistry majors that covers the use of instrumentation for chemical analysis. Topics will include optical spectroscopy, laser spectroscopy, NMR, mass spectrometry, and selected topics in polarimetry, voltammetry, and chromatography. In this class, we will discuss the theory behind the analysis (with a strong emphasis on quantum mechanics and spectroscopy), instrumental operation (that covers the electronics and optical components of instruments), and data analysis and interpretation (which includes signal processing, Fourier transformation, and statistical analysis). There is a three hour laboratory component to the course. Laboratory exercises will familiarize students with electronics, applications of spectroscopy, chemical instrumentation, and data analysis.
- CHEM 4340 Surface Chemistry** 3/0/3
Prerequisite: CHEM 3521
This course introduces elementary concepts of modern surface chemistry. Considerations of thermodynamics, kinetics, surface structure, electronic structure, and catalysis, and reactivity will be explored using examples from the current literature. Surface Chemistry draws upon all areas of chemistry; therefore, a solid background in calculus, physics, and chemistry is assumed.
- CHEM 4350L Techniques of Surface Chemistry** 0/3/1
Prerequisite: CHEM 3521
This laboratory course is designed to familiarize students with modern techniques of surface science. The techniques include scanning tunneling microscopy, atomic force microscopy, low energy electron diffraction, auger electron spectroscopy, thermal desorption spectroscopy, and ion sputtering. Design considerations of vacuum systems will be explored. Since all techniques are on-site, this will be an interactive hands-on experience.
- CHEM 4385 Advanced Topics in Analytical Chemistry** var. 1-4
Prerequisite: Consent of department
Advanced Topics in Analytical Chemistry provides the student exposure to current topics and problems unique to the field of analytical chemistry. This course will be offered periodically with the topics announced by the faculty involved.
- CHEM 4410 Organic Medicinal Chemistry** 3/0/3
Prerequisite: CHEM 2422
Organic Medical Chemistry is a course covering a wide variety of medicinal drugs, their actions in the body, and, ultimately, their metabolism and excretion.

CHEM 4485 Advanced Topics in Organic Chemistry var. 1-4

Prerequisite: CHEM 2422

Building upon the students' backgrounds in organic chemistry, these courses will explore in greater depth selected advanced topics in organic chemistry. Selected topics such as advanced synthesis, reaction mechanism, molecular orbital theory, spectroscopy, stereochemistry, and physical organic chemistry will be offered.

CHEM 4585 Advanced Topics in Physical Chemistry var. 1-4

Prerequisite: CHEM 3521 and CHEM 3522

Building upon the students' backgrounds in required courses in physical chemistry, this course will explore in greater depth selected topics in physical chemistry. These will be chosen from atomic and molecular structure, spectroscopy, statistical mechanics, and dynamics of chemical reactions.

CHEM 4610 Inorganic Chemistry 3/0/3

Prerequisite: CHEM 2422 and PHYS 1112 or 2212

The wave nature of electrons is applied to atomic structure and periodic trends. Inter and intramolecular bonding models are used to interpret the chemical and physical properties of various materials, from simplistic diatomic molecules to structurally complex molecular and ionic systems. Thermodynamic principles are used to determine the relative stability of inorganic compounds.

CHEM 4611 Structure and Bonding 3/0/3

Prerequisite: PHYS 2212, CHEM 3521 and CHEM 3522

Fundamental quantum mechanical principles are applied to atomic structure and the periodic properties of the elements. The structure and reactivity of ionic and molecular systems are qualitatively analyzed by using bonding models such as valence bond theory, group symmetry, and molecular orbital theory. The Band Theory is used to investigate the insulating/conducting properties of solids.

CHEM 4612 Advanced Inorganic Chemistry 3/0/3

Prerequisite: CHEM 4611

The thermodynamic, kinetic, and quantum mechanical properties of inorganic compounds are investigated. Bonding models are used to explain the physical and chemical properties of organometallic, main group, and heavy metal systems. Nuclear properties of the elements are explored and nuclear models are compared.

CHEM 4685 Advanced Topics in Inorganic Chemistry var. 1-4

Prerequisite: Consent of department

Advanced Topics in Inorganic Chemistry exposes the students to current topics and problems in the field of inorganic chemistry.

CHEM 4711 Biochemistry 3/0/3

Prerequisite: CHEM 2422 or 3422. Co-requisite: CHEM 3310K

The first of two-semester sequence in biochemistry covering the general physical and chemical properties of biomolecules and their metabolism. Topics will include biomolecular structure and function, first-order enzyme kinetics, glycolysis and carbohydrate metabolism, Krebs' cycle, oxidative phosphorylation, fatty acid catabolism and biosynthesis, metabolism and utilization of amino acids, biologically important amines, and regulation of metabolism. Students should be aware that a heavy writing component is required for this course.

CHEM 4712 Physical Biochemistry 3/0/3

Prerequisite: Completion of PHYS 1112 or 2212, CHEM 2422 or 3422, and CHEM 3310K. Completion of MATH 1634 and MATH 2644 with a grade of C or higher.

The second semester of a two-semester sequence in biochemistry. Course will cover topics in physical biochemistry and spectroscopy of biomolecules. Specific topics will include protein folding, protein stability, protein-DNA interactions, physical chemistry of biomembranes, kinetics (beyond first order), molecular mechanics and dynamics, NMR spectroscopy, optical spectroscopy (fluorescence, circular dichroism, laser spectroscopy), mass spectrometry, and x-ray crystallography.

CHEM 4720L Biochemistry Laboratory 0/6/2

Prerequisite: CHEM 4711 and MATH 2644. Co-requisite: CHEM 4712

The laboratory course will emphasize the principles discussed in the lecture courses Biochemistry I and Biochemistry II. Half of the course will place emphasis on experiments that introduce students to the practices of protein separation, purification, quantification, and assays. The other half of the course will emphasize principles from physical biochemistry and spectroscopy of biomolecules. Experiments will examine macromolecular structure and stability, protein folding, lipid bilayer structure, and dynamics and enzyme kinetics. This course will provide students with experience in instrumental techniques that are used in research and industrial facilities.

CHEM 4913L Advanced Synthesis Lab 0/6/2

Co-requisite: CHEM 4612

This laboratory course involves non-trivial synthesis of organic and inorganic molecules by a variety of advanced techniques (vacuum line, inert atmosphere, high/low temperature, etc.). Spectroscopic (FT-NMR, IR, UV, etc.) and computational methods are used to investigate, characterize, and compare experimental and theoretical properties of the synthesized molecules. Special emphasis will be placed on writing skills. Students should be aware that a heavy writing component is required for this course.

CHEM 4920 Environmental Chemistry 2/6/4

Prerequisite: CHEM 3310K

This course is an introduction to the practice of modern environmental chemistry. Topics include pollutants in water, soil, and the atmosphere, equilibria in aqueous systems, experimental methods in environmental analyses, toxicological chemistry, and current environmental problems. The laboratory will consist of EPA-approved methods of analyses. Same as ENVS 4920.

CHEM 4930 Chemical Kinetics 3/0/3

Prerequisite: CHEM 3521 and CHEM 2422

This course focuses on macroscopic rates of chemical reactions as a tool to a molecular level understanding. The emphasis is on an integrated approach to view examples drawn from various sub-disciplines within chemistry, namely organic, inorganic and biological. Topics include integrated rate laws, experimental techniques in chemical kinetics, steady state approximation, mechanisms of organic, inorganic and enzyme reactions, catalysis, collision theory, and elementary activated complex theory.

CHEM 4940 Industrial Chemistry**3/0/3**

Prerequisite: CHEM 2422 and CHEM 3310K

Commercial production of everyday and specialty chemicals will be discussed with emphasis on raw materials, chemistry, equipment, environmental impact. Typical industries: inorganic acids/bases, hydrocarbon derivatives, aromatics, petroleum refining, polymers, pesticides/fertilizers, paper/pulp, pharmaceuticals, soaps/detergents.

CHEM 4985 Selected Topics in Chemistry:**var. 1-4****An Integrated Approach**

Prerequisite: CHEM 2422, 3310K, and 3521

This course focuses on selected topics in chemistry which may consist of spectroscopy, magnetic resonance or stereochemistry. The emphasis is on an integrated approach to view examples that transcend sub-disciplines within chemistry, namely inorganic, organic, physical, analytical, and biochemistry.

COMPUTER SCIENCE**TLC 2200 • 678-839-6485****<http://www.cs.westga.edu/>**

Professor, A. Abunawass (Chair); **Associate Professor, W. Lloyd, J. Matocha, A. Remshagen, D. Rocco, L. Yang, D. Yoder; Assistant Professors, J. Allen, L. Baumstark, M. Clifton**

The Department of Computer Science provides educational excellence through friendly, collegial teaching in a student-centered environment. The Department offers a Bachelor of Science in Computer Science program accredited by the Computing Accreditation Commission of the Accreditation Board for Engineering and Technology (CAC/ABET). The goals of the Department of Computer Science are to provide a comprehensive degree program to prepare students for work or graduate study; to offer non-majors an introduction to computing theory, practices, and applications; to encourage faculty and student research; and to foster interaction and cooperation among faculty within the department as well as with other departments. The goals of the Computer Science program are to provide a core body of knowledge in computer science; advanced topics in computer science that provide breadth of knowledge and build on the core; mathematical foundations of Computer Science, including differential and integral calculus, discrete mathematics, linear algebra, and probability and statistics; application of the scientific method in a laboratory science; foundation of knowledge and skills reflecting West Georgia's general education goals; and oral and written communication skills. Students majoring in Computer Science learn the skills needed to pursue exciting and rewarding careers on the forefront of computing and information technology including: Web and multimedia design and development, software engineering, network, operating systems and data-base development, and administration, intelligent systems, and programming. The undergraduate program also provides an excellent basis for graduate education in computer science and other disciplines.

ACCREDITATION

The Bachelor of Science in Computer Science program is accredited by the Computing Accreditation Commission of the Accreditation Board of Engineering and Technology (CAC/ABET). Information regarding accreditation guidelines

and requirements is available by contacting the ABET:
 Accreditation Board for Engineering Technology, Inc.
 111 Market Place, Suite 1050
 Baltimore, MD 21202
 (410) 347-7700
<http://www.abet.org/>

B.S. DEGREE IN COMPUTER SCIENCE
CAC/ABET Accredited Program

	Hours
Core Areas A,B,C,D and E (see pages 128-134)	42
Core Area A:	
MATH 1113 required (3 of 4)	
Core Area D:	
MATH 1634 (required)	
BIOL 1107 & 1108, or CHEM 1211 & 1212 or	
PHYS 2211 & 2212 required as lab sequence	
Core Area F - Major Specific Courses	18
CS 1300 Introduction to Computer and Science	4
CS 1301 Computer Science I	3
CS 1302 Computer Science II	3
MATH 1113 Precalculus (from Area A)	1
MATH 1634 Calculus I (from Area D)	1
MATH 2644 Calculus II	4
MATH 2063 Introductory Statistics (2 of 3)	2
Supporting courses	11
ENGL 3405 Professional & Technical Writing	3
MATH 2063 Introductory Statistics (1 of 3)	1
Select 1 course from the following:	3
MATH 2853, 3303, 4003, 4103, 4153	
Select 1 course not taken in Area D from the following:	4
BIOL 1107+1107L, CHEM 1211K, PHYS 2211+2211L	
Program body	45
CS 3110 System Architecture	3
CS 3151 Data Structures and Discrete Mathematics I	3
CS 3152 Data Structures and Discrete Mathematics II	3
CS 3211 Software Engineering I	3
CS 3212 Software Engineering II	3
CS 3230 Information Management	3
CS 3270 Intelligent Systems	3
CS 3280 System and Network Administration	3
CS 4225 Parallel and Distributed Systems	3
CS 4410 Survey of Programming Languages	3
CS 4980 Web Technologies	3
CS 4982 Computing Capstone	3
3 additional 4000-level CS electives	9
Electives	4
TOTAL	120

Specific Requirements for a B.S. degree in Computer Science

1. Students must sign the Department's "Student Program Notification" Form in order to declare a major in Computer Science.
2. Students must obtain an academic advisor in the Department of Computer Science during the semester when declaring a major in Computer Science.
3. Students are allowed only one "D" in the Computer Science courses used to satisfy the major.
4. The minimum cumulative grade point average required for graduation is 2.0.
5. Students must complete the science major option of Core Areas A & D.
6. Students must take at least two 3000/4000 level WAC (Writing Across the Curriculum) courses for a total of 6 hours, with at least 3 hours in the major.
7. There is no physical education requirement. Physical education classes will not count as electives.
8. Students must complete other requirements for the major as listed by the Department of Computer Science.

REQUIREMENTS FOR A MINOR IN COMPUTER SCIENCE

CS 3110	System Architecture	3
	<i>(prerequisite CS 1301 & 1302 or department consent)</i>	
CS 3151	Data Structures and Discrete Mathematics I	3
CS 3152	Data Structures and Discrete Mathematics II	3
	Three additional 3000/4000 level CS courses	9
TOTAL		18

COMPUTER SCIENCE COURSES (CS)

- CS 1000 Practical Computing** **0/2/1**
 A hands-on introduction to the use of personal computers and software, input/output devices, graphical user interfaces, terminology, and software.
- CS 1020 Computers and Society** **1/2/2**
 A hands-on introduction to the use of personal computers and software, with an introductory examination of the effects of computer technology on contemporary society. Topics will include productivity applications, creation of Web pages, and societal and ethical issues in computing: privacy, security, censorship, and the changes in work, school, and entertainment fostered by computing.
- CS 1030 Introduction to Computer Concepts** **2/2/3**
 An introduction to the concepts, usage, and uses of computers. Topics include the social and ethical aspects of computing, the Internet, including the creation of Web pages, an overview of computer architecture, operating systems, and applications, and an introduction to algorithms and programming using Visual BASIC.
- CS 1300 Introduction to Computer Science** **3/2/4**
 This course introduces two fundamental aspects of computer science – abstraction and design – as students learn to develop programs in a high-level programming language. Students will study and implement a variety of applications, including graphics and scientific simulations. The course assumes no prior background in programming or computer science.

- CS 1301 Computer Science I** 2/2/3
 Prerequisite: CS 1300 or Departmental Consent
 This course explores the three fundamental aspects of computer science - theory, abstraction, and design - as the students develop moderately complex software in a high-level programming language. It will emphasize problem solving, algorithm development, and object-oriented design and programming. The course assumes prior experience in programming.
- CS 1302 Computer Science II** 2/2/3
 Prerequisite: CS 1301 with a minimum grade of C
 This course continues the exploration of theory, abstraction, and design in computer science as the students develop more complex software in a high-level programming language.
- CS 2000 Applied Computing for the Sciences** 2/2/3
 Prerequisite: MATH 1112 or MATH 1113 or Departmental consent
 An introduction to mathematical and dynamical modeling and computer software which may be used to describe and analyze data and equations. Applications from biology, chemistry, geology, and physics will be explored in some depth, and software such as spreadsheets, statistical packages, and mathematical packages will be used to solve problems and describe models from those applications.
- CS 2001 Technology Frontiers** 2/2/3
 Pre-requisite: Permission of Department required.
 This course will discuss milestones in the history of computing while exploring and evaluating a variety of current and innovative computing applications. Students will solve a variety of simple problems designed to demonstrate the impact of computing as a problem-solving medium. Students will deliver an effective presentation related to topics covered in the course. Professional computing societies and organizations, as well as current trends in the computing job market will be discussed.
- CS 2311 Introduction to Applications Software Development I** 1/2/2
 Prerequisite: MATH 1101, or MATH 1111, or MATH 1113
 Introduction to software development and event driven programming using Visual Basic. Topics include problem analysis and algorithm development, graphical user interface design and implementation, event driven programming, control structures, and arrays.
- CS 2600 Scientific Programming** 3/0/3
 Prerequisite: MATH 1634 and prior programming experience
 An introduction to scientific programming using FORTRAN and/or C. Numerical methods, randomness, and representation of numerical data.
- CS 3110 System Architecture** 2/2/3
 Prerequisite or co-requisite: CS 1302
 An introduction to systems architecture and its impact on software execution. Topics include digital logic and digital systems, machine level representation of data, assembly level machine organization, memory systems organization, I/O and communication, and CPU implementation.

- CS 3151 Data Structures and Discrete Mathematics I** 2/2/3
Prerequisite: CS 1302
An integrated approach to the study of data structures, algorithm analysis, and discrete mathematics. Topics include: induction and recursion, time and space complexity, big-O notation, propositional logic, proof techniques, sorting, mathematical properties of data structures, and lists.
- CS 3152 Data Structures and Discrete Mathematics II** 2/2/3
Prerequisite: CS 3151
A continuation of CS 3151. Topics include sets, relations and functions, graphs, state spaces and search techniques, automata, regular expressions, context free grammars, and NP-completeness.
- CS 3211 Software Engineering I** 2/2/3
Prerequisite: CS 1302
An introduction to the software development life cycle and contemporary software development methods. This course places special emphasis on object-oriented systems. Students are expected to complete a medium scale software project.
- CS 3212 Software Engineering II** 2/2/3
Prerequisite: CS 3211
Software development methods for large scale systems, management of software development projects, and software engineering standards. Students are expected to complete a large scale software project.
- CS 3230 Information Management** 2/2/3
Prerequisite: CS 3211
This course covers principles of database systems. Topics include theory of relational databases, database design techniques, database query languages, transaction processing, distributed databases, privacy, and civil liberties. Students are expected to complete a project in database design, administration, and development.
- CS 3270 Intelligent Systems** 2/2/3
Prerequisite: CS 3151
Application and survey of problem-solving methods in artificial intelligence with emphasis on heuristic programming, production systems, neural networks, agents, social implications of computing, and professional ethics and responsibilities.
- CS 3280 System and Network Administration** 2/2/3
Prerequisite: CS 3110
This course covers fundamental concepts of computer networks and their management. Topics include network security, routing, configuration and installation of network services, network monitoring and performance tuning, message encryption, task automation, process management, file systems, and kernel configuration. Students are expected to complete a project that covers the essentials of set-up, configuration, and administration of networked servers and clients.

- CS 3312 Introduction to Applications Software Development II** 1/2/2
 Prerequisite: CS 2311
 A continuation of CS 2311. Topics include data models and data structures, files and databases, sorting and searching, and graphics.
- CS 4225 Parallel and Distributed Systems** 2/2/3
 Prerequisite: CS 3110
 This course covers the concepts and challenges of concurrent systems. Topics include multi-threaded programming, scheduling, and synchronization; network architectures; parallel computing architectures; multimedia networking; and mobile and ad-hoc networks. The course will also discuss emerging technologies in these areas.
- CS 4290 Theory of Computation** 3/0/3
 Prerequisite: CS 3151
 Regular languages, finite-state automata, context-free languages, grammars, push-down automata, Turing machines, Church's thesis, decidability, the halting problem, and computability.
- CS 4310 Game Design and Development** 2/2/3
 Prerequisite: CS 3151 and CS 3211
 This course will explore the basic design principles and practices employed in developing computer games. Topics will include game design, graphics, animation, storytelling, and network and multi-player issues.
- CS 4320 Human/Computer Interaction** 2/2/3
 Prerequisite: CS 3211
 This course provides a broad overview of HCI and offers specific background relating to user-centered design approaches in computing systems. The course covers user interface design strategies, user experience levels, usability engineering, cross-disciplinary issues; and methodologies used in the design and evaluation of human/computer interfaces.
- CS 4410 Survey of Programming Languages** 2/2/3
 Prerequisite: CS 3151
 A survey of several high-level languages, their compilers, and inherent data structures. Formal description of high-level languages.
- CS 4911 Cyber Forensics and Security** 2/2/3
 Pre-requisite: CS 3280
 This course explores crimes involving computers and computer networks, with an emphasis on the technology used to perform such crimes and the technology used to detect, prevent, and document them. Topics include evidence gathering and analysis, intrusion detection and response, data hiding techniques, common digital crimes and profiles of perpetrators, legal testimony, and report writing. The course will include a review of relevant computer networking and file systems concepts.

- CS 4980 Web Technologies 2/2/3**
 Prerequisite: CS 3211
 This course focuses on building Web applications. Topics include enterprise and system issues, professional grade website development tools, programming in markup and scripting languages, networked databases across different platforms, use of distributed objects, and ethical and professional implications of the Internet. Students are expected to complete a project in the development and maintenance of websites as well as web services.
- CS 4981 Independent Study var. 1-3**
 Prerequisite: Departmental consent
 Individual study in computer science through a mutual agreement between the student and a Computer Science faculty member. May be repeated for a maximum of 10 hours credit. Departmental consent is required for use of this credit toward a major or minor in computer science.
- CS 4982 Computing Capstone 2/2/3**
 Prerequisite: CS 3212, CS 3230, and Senior status
 This course integrates core topics of the computer science body of knowledge, teamwork, and professional practices through the implementation of a large scale project.
- CS 4983 Directed Research var. 1-3**
 Prerequisite: Departmental consent
 Individual research in computer science through a mutual agreement between the student and a Computer Science faculty member. May be repeated for a maximum of 10 hours credit. Departmental consent is required for use of this credit toward a major or minor in computer science.
- CS 4985 Special Topics var. 1-3**
 Prerequisite: CS 3211 or permission of instructor
 Topics in Computer Science are designed to give students knowledge at the frontier of a rapidly changing field.
- CS 4986 Computing Internship 3/0/3**
 Pre-requisite: Junior or Senior status and permission of the Department
 A hands-on, supervised field experience in computing. Students will create and present a comprehensive portfolio documenting the field experience. May be repeated for a total of 6 hours.

CRIMINOLOGY

Pafford 217 • 678-839-6505

<http://www.westga.edu/~soccrim/>

Professors, J. Fuller, J. McCandless (Chair); **Associate Professors**, L. Holland, D. Jenks, P. Luken, C. Williams; **Assistant Professors**, P. Hunt, C. Jenks, L. Johnson, T. Matthews, N. Noori, C. Sawtell

B.S. DEGREE WITH A MAJOR IN CRIMINOLOGY

To be admitted into the B.S. program in Criminology, students must first complete Core Areas A-E with a cumulative GPA (including all transfer credit) of 2.5 or better AND have earned a satisfactory grade on both the Regents Reading Exam and the Regents Essay Exam.

Learning Outcomes for Criminology Students

- Knowledge of the basic structure and functions of the main components of the criminal justice system – law enforcement, courts, corrections, and juvenile justice
- Knowledge of the main theories in criminology that offer various ways of understanding why people commit crimes
- Knowledge of the basic research methods in the social sciences
- Knowledge of how the major criminal justice institutions respond to crime, criminals, and victims
- Ability to ask relevant questions and engage in research to explore special issues in criminology/criminal justice and their effects on the larger society
- Knowledge of the roles of race/ethnicity, class, and sex in criminal behavior and societal response to crime
- Ability to apply criminology theories, principles, and concepts to address “real life” problems and situations in the criminal justice field; ability to engage in critical thinking/analysis
- Demonstration of strong oral and written communication skills
- Ability to utilize appropriate technology in the study of criminology/criminal justice issues
- Knowledge of career options in criminology/criminal justice, including pursuit of advanced degrees
- Ability to engage in ethical behavior in a professional work setting

	Hours
Core Areas A,B,C,D,E (see pages 128-134)	42
Core Area F – Major Specific Courses	18
1. CRIM 1100	3
2. SOCI 1101 and one of the following: ANTH 1102, PSYC 1101, SOCI 1160, CRIM 2245, CRIM 2272, CRIM 2273	6
3. Three of the following: ACCT 2101, CS 1030, ECON 2105, ECON 2106, GEOG 2503, PHIL 2100, PHIL 2110, POLS 2201, a foreign language (no more than 6 hours)	9
Major Courses:	48
1. SOCI 4000, CRIM 3240, CRIM 4284	9
2. One of the following: SOCI 4003, SOCI 4613	3
3. One course from each area below:	15
a. Policing: CRIM 2272, CRIM 4277, CRIM 4278	
b. Courts: CRIM 2273, CRIM 4247, CRIM 4402, CRIM 4712, CRIM 2274	
c. Corrections: CRIM 3241, CRIM 4293	
d. Juvenile Justice: CRIM 2245, CRIM 4255, CRIM 4233	
e. Ethics: CRIM 4230	
Upper Division Criminology Courses	12
Upper Division Supporting Courses (subject to departmental approval)	9
Electives	12
TOTAL	120

No more than a total of nine hours of directed research, directed readings, and senior thesis credits may be applied toward the major.

REQUIREMENTS FOR A MINOR IN CRIMINOLOGY

Complete 15 hours including CRIM 1100 and four upper division Criminology courses.

CRIMINOLOGY COURSES (CRIM)**CRIM 1100 Introduction to Criminal Justice 3/0/3**

This course provides an overview of the criminal justice system in the United States. Topics covered include definitions and measures of crime, fear of crime, victims of crime, law enforcement, courts, corrections, and juvenile justice.

CRIM 2245 Juvenile Delinquency 3/0/3

This course will examine the types and patterns of juvenile delinquency and the social and institutional context within which delinquency occurs. Major theories of delinquency will be presented. The juvenile justice system will be discussed with a focus on historical changes and contemporary challenges.

CRIM 2272 Introduction to Law Enforcement 3/0/3

Law enforcement in America will be examined at the federal, state and local levels. The history of law enforcement, the structure and functions of law enforcement agencies, and the role of police in society will be covered. In addition, the course will explore the management of police and the challenges facing police administrators.

CRIM 2273 Criminal Procedure 3/0/3

Criminal Procedure covers the major U.S. Supreme Court decisions regarding law enforcement. These cases provide the boundaries which facilitate, as well as limit, the actions of law enforcement officers in such activities as "stop and frisk," arrest, questioning, surveillance, and vehicle stops and searches, as well as search and seizures, which yield evidence admissible at trial. Also emphasizes legal reasoning and interpretation as well as fundamental elements of case briefing and jurisdiction.

CRIM 2274 American Criminal Courts 3/0/3

Prerequisite: CRIM 1100 – Introduction to Criminal Justice

This course introduces students to the history, traditions, and philosophy of criminal courts in America. It focuses on the organizational structures of the courts at local, state, and federal levels. Students will learn about the various legal actors (e.g. judges, prosecutors, defense attorneys) and the roles they play in the courtroom. Finally, this course examines the nature of criminal law and the procedures that must be followed when the defendants enter the judicial system from arraignment to sentencing.

CRIM 3240 Criminological Theory 3/0/3

Prerequisite: CRIM 1100 or consent of instructor

An overview of the major historical developments in criminological theory with an emphasis on the basic assumptions, concepts, and propositions of sociological theories of crime.

CRIM 3241 Corrections 3/0/3

Prerequisite: CRIM 1100 or consent of instructor

A study of the past, present, and future trends, issues and philosophies of corrections. Particular emphasis will be placed on the issues and concerns of the maximum security prison.

- CRIM 3323 Criminal Law** 3/0/3
 Prerequisite: CRIM 1100 or consent of instructor
 Covers the fundamental elements of criminal law such as mens rea and actus reus, as well as crimes such as murder, burglary, assault, and battery. Significant cases and articles on historically well-established crimes will be examined as will some of the contemporary and more controversial crimes or instances of crime. Legal reasoning and interpretative skills will be emphasized.
- CRIM 3333 Victimology** 3/0/3
 Prerequisite: CRIM 1100 or consent of instructor
 Provides an in-depth analysis of the victims of crime. This course focuses on the historical development of victimology, which emerged in the 1940's as an independent field of study, as well as surveys some of the more recent works by contemporary thinkers.
- CRIM 3705 Criminal Profiling** 3/0/3
 Prerequisite: CRIM 1101 or consent of instructor
 Examines sociological and psychological evidence that can be useful in the context of criminal investigations. Explores the types of questions that profiling attempts to answer (the aspects of crimes, crime scenes, and criminals that profilers are interested in) and the general types of information often contained within criminal profiles. Concludes by looking at specific types of crimes for which profiles are sometimes employed, including sociological and psychological characteristics of serial arsonists, rapists, and murderers.
- CRIM 3900 Social Science and the Legal System** 3/0/3
 Prerequisite: CRIM 1101 or consent of instructor
 Critically examines the relationship between the social sciences and the legal system with particular attention to the participation of mental health professionals in the resolution of legal issues. Analyzes select socio-legal controversies that lie at the forefront of this emerging interdisciplinary relationship. Specific topics addressed include: the prediction of dangerousness, competency to stand trial, be executed, represent oneself, and refuse treatment, the insanity defense, jury decision-making, eyewitness testimony and accuracy concerns, and the testimony of children in court.
- CRIM 3983 Directed Criminology Research** 0/0/3
 Prerequisite: Junior or senior standing, declared criminology/sociology major, and consent of the faculty supervisor. This course provides students the opportunity to engage in faculty-directed research by working as an assistant to a faculty member. May be taken twice for credit toward the degree.
- CRIM 4000 Research Methodology** 3/0/3
 Prerequisite: CRIM 1100 or permission of instructor
 An introduction to the logic and procedures of quantitative and qualitative research methods. Focuses on research design, use of computer and statistical packages, data interpretation, the relation of research and theory, and the writing of scientific research reports. Same as SOCI 4000.

- CRIM 4003 Statistics for the Social Sciences** 3/0/3
Prerequisite: Junior or senior standing or permission of instructor
Provides a systematic, precise, and rational perspective based on probability theory. Learn descriptive and inferential statistics and computer application of statistical packages. Same as PSYC 4003 and SOCI 4003.
- CRIM 4230 Ethics and Criminal Justice** 3/0/3
Prerequisite: CRIM 1100 or consent of instructor
Focuses on major moral theories and ethical decision making in the field of criminal justice. Conflicting loyalties, competing social demands, and sub-cultural strains specific to criminal justice will be explored.
- CRIM 4231 Women in the Criminal Justice System** 3/0/3
Prerequisite: CRIM 1100 or consent of instructor
This course will focus on the participation of women in the criminal justice system. Offenses committed by females, laws peculiar to females, and the treatment of females by the system will be explored. Women as professionals and their impact on the system will also be discussed.
- CRIM 4232 Family Violence** 3/0/3
Prerequisite: CRIM 1100 or consent of instructor
This course will examine family violence from both a personal and social perspective. Research and theory in family violence will be discussed, along with types of relationships, incidence, prevalence, inter-personal dynamics, contributing factors, consequences, social response, and services. Prevention strategies will be explored.
- CRIM 4233 Gangs** 3/0/3
Prerequisite: CRIM 1100 or consent of instructor
This course will examine the history of youth gangs in the United States and how gangs have changed over time. Students will learn about contemporary gangs and their activities, why youths join gangs, and how gangs relate to the larger society.
- CRIM 4248 International Comparative Justice** 3/0/3
Prerequisite: CRIM 1100 or consent of instructor
An interdisciplinary course which looks at the justice systems of such countries as England, France, China, Japan, South Africa, and the Islamic States. Also takes a brief look at the history of the Western Legal Tradition. Comparisons are made for the purpose of answering such questions as: What do the various notions of justice entail? How do they differ? Why? How are they enframed by their philosophical and belief systems? How do the outcomes of their applications of justice differ?
- CRIM 4250 Crime Prevention** 3/0/3
Prerequisite: CRIM 1100 or consent of instructor
This course will examine the roles of the criminal justice system and the private sector in preventing crime. The historical developments of crime prevention methodologies, including community involvement, education and awareness programs, governmental intervention, target hardening, and environmental design, will be discussed and their impacts will be critically assessed. In addition, students will be introduced to contemporary crime prevention strategies and the techniques for evaluating prevention programs.

- CRIM 4255 Youth, Crime and Community** 3/0/3
 Prerequisite: CRIM 1100 or consent of instructor
 This course will examine juvenile crime within a larger social context, exploring the positive and negative contributions of the individual, the family, peers, schools and the larger community. Intervention strategies will be assessed, and a model will be presented for community action that can reduce/prevent juvenile crime.
- CRIM 4277 Police in Society** 3/0/3
 Prerequisite: CRIM 1100 or consent of instructor
 The role of police in society changes as other demographic, social, and political changes occur. This course will explore the challenges facing police today in terms of community relations, special populations, accountability, and opening their ranks to more women and minorities.
- CRIM 4278 Police and Community Relations** 3/0/3
 Prerequisite: CRIM 1100 or consent of instructor
 This course will examine the numerous and complex factors involved in the area of human relations as it affects policing and police administration. Students will become familiar with the need for community involvement within police decision-making in a democratic society. Insights as to the effects of diversity on American society and their impacts on police-community relations will be discussed in detail. Particular emphasis will be placed on learning how the police must go about establishing and maintaining positive relationships with the many communities that they serve.
- CRIM 4279 Race and Crime**
 Prerequisite: CRIM 1100 or consent of instructor
 This course examines the relationship between race, ethnicity, and crime. It examines racial issues confronting the criminal justice system. Students will explore how minority groups (e.g. Hispanics, Asian-Americans, and Native Americans) are treated by the criminal justice system. Finally, this course critically examines how classical and contemporary theories are used to explain racial biases in the criminal justice system.
- CRIM 4280 Contemporary Issues in Criminal Justice** 3/0/3
 Prerequisite: CRIM 1100 or consent of instructor
 This course will focus on a particular issue being dealt with by the criminal justice system today. Students will critically examine the issue and related research and theories. The social context of the issue will be explored as well as possible actions to address the problem.
- CRIM 4284 Senior Capstone** 3/0/3
 Prerequisite: CRIM 1100, CRIM 3240, SOCI 4000, and Senior Status or consent of instructor
 The Senior Capstone course is designed to ensure that graduates of the Criminology program are equipped with the skills necessary to pursue further study or to take a job in the criminal justice system or other professional agency. The class requires students to demonstrate oral and written communication skills. Additionally, students will be required to develop materials that will be helpful in finding employment.

CRIM 4285 Practicum in Criminology

Prerequisite: Employed by an approved criminal justice organization and consent of instructor

This is a supervised developmental program designed to enable criminology majors to receive credit for training and experience obtained while employed by approved criminal justice agencies. Students may enroll for one credit hour per semester. May be repeated for a maximum of six hours credit.

CRIM 4286 Internship**var. 3-6**

Prerequisite: CRIM 1100, CRIM 3240, SOCI 1101, SOCI 4000

The internship provides students an opportunity to gain supervised work experience in an agency in their major area of study.

CRIM 4293 Correctional Programs**3/0/3**

Prerequisite: CRIM 1100 or consent of instructor

This course examines correctional programs at the local, state, and federal levels including youth probation and parole. The organization and administration of correctional systems will be examined with particular attention given to control, classification, discipline, treatment, and post-release procedures for the juvenile and adult offenders.

CRIM 4402 Prison Law**3/0/3**

Prerequisite: CRIM 1100 or consent of instructor

This course will examine the ever changing field of correctional law. It will focus on the evolution of inmate rights, the impact of the U.S. Supreme Court's willingness to get involved in the executive branch's business of running prisons, and the current court's movement away from the micro-managing of prisons in America.

CRIM 4543 Deviant and Alternative Behavior**3/0/3**

Prerequisite: CRIM 1100 or permission of instructor

Analysis and evaluation of sociological and criminological conceptions and research on deviant and unconventional thought and action. Focuses on contemporary, multicultural society. Same as SOCI 4543.

CRIM 4613 Qualitative Research**3/0/3**

Prerequisite: CRIM 4000 or permission of instructor

An alternative to quantitative research. Focuses on the interpretive tradition within the social sciences where the meanings individuals construct for their social worlds are the topics of analysis. Same as SOCI 4613.

CRIM 4693 Sports Crime and Society**3/0/3**

Prerequisite: CRIM 1100 or permission of instructor

The study of sports as a socializing influence within society. The analysis of the role of sports, the subculture of sports, the linkages with violence and crime, as well as other unintended consequences of sports in America and the world. Same as SOCI 4693.

CRIM 4712 Law and Society**3/0/3**

Prerequisite: CRIM 1100 or consent of instructor

This course will introduce students to the liberal arts study of law. Students will investigate legal institutions and the law as social phenomena through readings and case studies.

CRIM 4911 Terrorism**3/0/3**

Prerequisite: CRIM 1100

This course examines domestic and international terrorism. It looks at the theories concerning the causes of terrorism and the various ways that individuals and institutions respond to terrorism. The “war on terrorism” is examined for its unintended consequences.

CRIM 4981 Directed Readings**var. 1-3**

Prerequisite: Junior or senior standing and consent of the instructor and the department chair

Title and description of the type of independent study to be offered will be specified on the variable credit form students must complete before being permitted to register for this class. Transcripts carry different nomenclature to indicate the topic taught. May be repeated three times for credit

CRIM 4983 Senior Thesis**0/0/3**

Prerequisite: Senior standing, declared criminology major, and consent of the faculty supervisor.

This course gives senior criminology majors the opportunity to conduct significant, independent, empirical research under the supervision of a faculty thesis director. Students are required to make an oral and written presentation of their research. May be taken twice for credit toward the degree.

ENGINEERING STUDIES DEGREE PROGRAMS**Boyd 208 • 678-839-6550****<http://www.westga.edu/~engineer/>**

Faculty: Interdisciplinary **Advisors:** S. Basu-Dutt (Chemistry), R. Kath (Geology), J. Talbot (Physics)

The Engineering Studies Program offers two distinct engineering transfer programs designed to be compatible with the undergraduate programs of a large number of engineering schools. These programs feature courses usually offered in the first two years of engineering work, including math, physics, chemistry and basic engineering courses. Additional work in the core curriculum areas of the humanities and the social sciences provide the solid basis for a smooth transition to engineering schools' programs.

The “2+2” Regent’s Engineering Transfer Program (RETP) allows students to spend two years at the University of West Georgia in a specially designed engineering track before transferring to the Georgia Institute of Technology. In addition to the “2+2” program, the “3+2,” or Dual Degree, program allows a student in approximately 5 academic years to obtain both a Bachelor of Science degree in Physics, Chemistry, or Geology from the University of West Georgia and an engineering degree from either Georgia Tech, Mercer University, University of Georgia, or Auburn University.

Under the Dual Degree, the liberal arts degree will be awarded by the University of West Georgia after completion of the hours listed below and the required hours of course work in an approved program of study at the second institution. Under both the Dual Degree and the RETP programs, the engineering degree will be awarded upon completion of the appropriate junior and senior years of study in the particular engineering program chosen.

To be admitted to the RETP program, the student must be a resident of

Georgia, have a high school GPA of 3.0 or higher, and a combined SAT score of 1090 or higher (560 math, 530 verbal). Students not meeting these requirements may be admitted to the RETP program at a later time based on their academic performance at West Georgia.

Students interested in engineering should contact the appropriate engineering advisor soon after enrolling in the program to plan their schedules and to learn of special requirements.

B.S. DEGREE WITH A MAJOR IN CHEMISTRY (see page 178)
(Chemical Engineering, Bio Engineering Options)

	Hours
Core Curriculum Areas A, B, C, D, & E (see pages 128-134)	42
Core Area A must include MATH 1634.*	
Core Area D must include MATH 2644* and PHYS 2211 and PHYS 2212 is recommended. (*2 hours moved to Area F)	
Core Area F: Courses specific for the major	18
CHEM 1211K or CHEM 1230K	4
CHEM 1212K or CHEM 2411, 2411L	4
MATH 2654	4
CS 1301	4
Math credit from Area A and D	2
Concentration	56-60
Courses from the major:	
CHEM 2411 and 2411L (if not in F)	0-4
CHEM 2422 and 2422L	4
CHEM 3310K	4
CHEM 3521	3
CHEM 3522	3
CHEM 4911	2
CHEM 3810	3
CHEM 3830	3
Courses from Supporting Disciplines	
MATH 3303	3
Engineering Courses Transferred	30
Electives	0-4
TOTAL	120

General Restrictions: Students are allowed only one D in the courses used to satisfy the major.

B.S. DEGREE WITH A MAJOR IN GEOLOGY
(Geologic Engineering Option)

	Hours
Core Curriculum Requirements	
Core Areas A, B, C, D, E (see pages 128-134)	42
Area A must have MATH 1634 Calculus	3 of 4
Area B must have Computer Applications	4
Area D must have MATH 2644 Calculus II	11
Area F	18
Choose two of these three sequences	16

CHEM 1211K, 1212K		
Principles of Chemistry I and II		
BIOL 1107, 1108 Principles of Biology		
(Majors Sequence) I & II*		
or PHYS 1111, 1112 Introductory Physics I & II*		
GEOL 1121 Physical Geology; GEOL 1122		
Historical Geology*		
MATH 1634	Calculus I 1 of 4	
MATH 2644	Calculus II	1 of 4
<i>*Students must have 8 hrs of Principles of Chemistry, 8 hrs of Introductory Geology, 2 semesters of Calculus and either 8 hrs of Introductory Physics or Principles of Biology taken in Areas D and F or taken as Lower Division Electives.</i>		
Total Core Hours		60
Requirements for the Major - Must be at least 39 total hours with at least 21 hours upper division.		
Lower Division Electives		4-6
Statistics		
Computing (or approved Courses)		
Upper Division		
GEOL 3003	Field Methods	3
GEOL 3014	Mineralogy and Crystallography	4
GEOL 3024	Petrology	4
GEOL 3034	Structural	4
GEOL 4084	Hydrogeology	4
Electives		7-9
Engineering courses (transferred from Engineering School)		30
TOTAL		120

B. S. DEGREE WITH A MAJOR IN PHYSICS

(This is Physics Plan B; for plans A, C, D, E, F, and G, see pages 333-337)

		Hours
Core areas A, B, C, D, and E (see pages 128-134)		42
(Students must select MATH 1634 in area A and MATH 2644 in area D. In Plans A, B, E, F, and G, it is advised that students select XIDS 2001 (The Physical Universe) in area B, CHEM 1211K and CHEM 1212K in area D.)		
Core Area F		18
MATH 1113 (1 of 4), MATH 1634 (1 of 4)		2
MATH 2644, 2654		8
PHYS 2211, 2212		8
Courses required for the degree		30-39
PHYS 3113, 3213, 3313, 4313		12
MATH 3303		3
Foreign Language (six hours) or six hours selected from:		6
PHYS 4513, 4523, MATH 3063, 3353		
XIDS 2001 (The Physical Universe)		
(if not completed in area B)		0-1

CHEM 1211K, 1212K (if not completed in area D)	0-8
Nine hours selected from:	9
PHYS 3013, 3023, 3413, 4323, 4333, 4413, 4513, 4523, 4683, CS 2600	
x number of hours at the external institution (Georgia Tech, Auburn, Mercer) [of which 21-30 hours are UWG equivalent and must include enough upper level hours to make a total of at least 39].	21-30
TOTAL	120

ENGINEERING COURSES (ENGR)

ENGR 1113 Introduction to Engineering	2/3/3
An introduction to the field of engineering.	
ENGR 1173 Computer Graphics/Introduction to Visual Communication and Engineering Design	2/3/3
Computer-aided engineering design fundamentals. Projection theory, sketching, creative design, and geometric modeling.	
ENGR 3113 Statics	3/0/3
Prerequisite: PHYS 2212; Co-requisite: MATH 3303 or departmental consent	
Elements of statics in one, two, and three dimensions, centroids, analysis of structures and machines, and friction.	
ENGR 3123 Dynamics	3/0/3
Prerequisite: ENGR 3113	
The kinematics and kinetics of particles and extended rigid bodies moving in a plane.	
ENGR 3133 Mechanics of Deformable Bodies	3/0/3
Prerequisite: ENGR 3123	
Definition and analysis of stress and strain, applications to axially loaded elements, torsion of circular shafts and beam bending, plasticity, and column stability.	
ENGR 3810 Chemical Process Principles	3/0/3
Co-requisite: PHYS 2212	
An introductory engineering approach to material and energy balance for physical and chemical processes is developed. Gas behavior, systems of units, material properties, and thermophysical and thermochemical concepts are discussed. Emphasis is on the application of material and energy balances to steady and unsteady state physical and chemical processes. Same as CHEM 3810.	
ENGR 3830 Engineering Thermodynamics	3/0/3
Prerequisite: MATH 3303, ENGR/CHEM 3810. Co-requisite: PHYS 2212, CHEM 3522	
An introductory engineering approach to thermodynamics for physical and chemical processes is developed. Applications of first and second laws, engines, refrigeration and compression cycles, equations of states, fluid properties, and corresponding states will be emphasized. Same as CHEM 3830.	

ENGR 3885 Selected Topics in Chemical Engineering var. 1-3

Prerequisite: Consent of the department.

Title and description of course to be specified at time of offering. May be repeated for credit. Same as CHEM 3885.

ENGLISH

TLC 2255 • 678-839-6512

<http://www.westga.edu/~engdept/>

Professors, F. Chalfant, L. Crafton, M. Crafton, R. Hendricks, J. Hill (Chair); **Associate Professors**, C. Davidson, M. Doyle, G. Fraser, D. MacComb, M. Mitchell, D. Newton, A. Umminger; **Assistant Professors**, S. Boyd, P. Erben, E. Hipchen, A. Hultquist, A. Insenga, J. Masters, M. Pearson; **Lecturers**, B. Adams, B. James, L. Lipoma, M. McFarland, S. Morin

The B.A. in English enables students to write well, to recognize the defining traits of major literary genres, to become familiar with the history of literature, to interpret texts from pertinent critical perspectives, to become proficient in scholarly research, and to connect facts and ideas of the discipline to other fields. A track offering a B.A. in English with secondary education certification is also available. For those preparing for graduate or professional schools or careers in professional writing, specialized courses in literary theory, linguistics, and professional and creative writing are available.

LEARNING OUTCOMES

Students will demonstrate that they:

- Are adept writers in command of standard written English and of options for effectively presenting ideas and evidence
- Are familiar with the characteristics and development of the major literary genres
- Are conversant with the content and defining traits of representative literary periods
- Are aware of prevailing theories, approaches, and practices related to the study of literature and language
- Are capable of critical thinking that takes into account the variety of human experience and significant differences among cultural value systems
- Can convincingly analyze, interpret, and explicate literary texts in light of pertinent critical assumptions
- Can relate the facts and ideas of the discipline to other fields and explore their correspondence, particularly within the context of Western intellectual history

NOTE: For both tracks, English majors must make a C or better in all English courses required for the major. This includes ENGL 1101, ENGL 1102, ENGL 2110, ENGL 2120, ENGL 2130, and ENGL 2300, as well as all upper-level ENGL courses that count toward the major.

NOTE: For both tracks, English majors can take no more than 2 upper-level ENGL courses toward the major (6 credit hours) before completing the required 2000-level courses for the major (ENGL 2110, 2120, 2130, 2300).

B.A. DEGREE WITH A MAJOR IN ENGLISH

	Hours
Core Areas A, B, C, D, E (see pgs. 128-134)*	42
*ENGL 1101 and 1102 are prerequisites for all courses from ENGL 2080 through ENGL 4386.	
Core Area F	18
ENGL 2110 (World Literature)*	0-3
ENGL 2120 (British Literature)*	0-3
ENGL 2130 (American Literature)*	0-3
ENGL 2300 (Practical Criticism)	3
FORL (through 2002)*	3-6
*Courses can be taken as electives in Core Area C.2.	
Requirements for the Major (Upper-Division Courses)	30
A. Literary History: Four (4) courses, one from each of the following areas:	12
British Literature I	3
ENGL 4110, 4115, 4120, 4130, 4180*, 4188**, or 4385*	
British Literature II	3
ENGL 4135, 4145, 4155, 4165, 4108*, 4180*, 4185*, 4188**, or 4385*	
American Literature I	3
ENGL 4125, 4140, 4150, 4108*, 4180*, 4185*, 4188**, or 4385*	
American Literature II	3
ENGL 4160 or 4165, 4108*, 4170, 4180*, 4185*, 4188**, or 4385*	
* Courses will count in a designated area depending on the specific topic.	
**Students must take one Individual Author course (ENGL 4188) among the four courses in this area. Students may take additional offerings of ENGL 4188 as major electives.	
B. Genre and Theory: Two (2) courses**	
selected from the following:	6
ENGL 4106, 4109, 4295, 4310, and 4385*	
* Courses will count in a designated area depending on the specific topic.	
** Students may take two sections of the same course as long as the topic of the sections is different. For example, ENGL 4106 (Studies in Genre: Poetry) and ENGL 4106 (Studies in Genre: Fiction).	
C. Writing and Language: One (1) course selected from the following:	3
ENGL 3200, 3400, 3405, 4210, 4300, or 4385*	
* Courses will count in a designated area depending on the specific topic.	
D. English Major Electives: Two (2) courses*	
selected from ENGL 3000- or 4000-level courses.	6
*No more than one (1) variable-credit, independent study or internship may be counted toward the major.	
E. ENGL 4384 Senior Seminar*	3
*Prerequisites: 2000-level ENGL courses in Area F and 18 hours of upper-level ENGL courses with a C or higher;	
No course may be substituted for the Senior Seminar.	
Minor and/or General Electives*	30
*A minor is not required for B.A. English degree.	
Total Hours	120

B.A. DEGREE WITH A MAJOR IN ENGLISH

Secondary Education Track

Admission to the College of Education Teacher Education Program (TEP) is required before taking any upper-level Education courses. Pre-requisites for TEP include: 1) completion of core curriculum areas A-E; 2) overall minimum GPA of 2.7; 3) demonstrated writing proficiency or completion of ENGL 1101 with a grade of C or better; 4) demonstrated oral communication proficiency or completion of COMM 1110 with a grade of C or better; 5) satisfactory completion of the Regents' exam; 6) satisfactory completion of GACE Basic Skills Assessment or exemption; 7) successful completion of EDUC 2110, EDUC 2120, EDUC 2130, and MEDT 2401 (if required); and 8) completion of any other departmental requirements. See Education advisor for admission to TEP once pre-requisites have been met or for information regarding the appeals process. See English advisor for selection of core and major area courses.

	Hours
Core Areas A, B, C, D, E (see pgs. 128-134)*	42
*ENGL 1101 and 1102 are prerequisites for all courses from ENGL 2110 through ENGL 4386.	
Core Area F	18
ENGL 2110 (World Literature)*	0-3
ENGL 2120 (British Literature)*	0-3
ENGL 2130 (American Literature)*	0-3
ENGL 2300 (Practical Criticism)**	3
FORL (through 2002)*	3-6
*Courses can be taken as electives in Core Area C.2.	
** Students in this track must take the Engl-Ed designated section	
Requirements for the Major (Upper-Division Courses)	30
A. Literary History: Four (4) courses, one from each of the following areas:	12
British Literature I	3
ENGL 4110, 4115, 4120, 4130, 4180*, 4188**, or 4385*	
British Literature II	3
ENGL 4135, 4145, 4155, 4165, 4108*, 4180*, 4185*, 4188**, or 4385*	
American Literature I	3
ENGL 4125, 4140, 4150, 4108*, 4180*, 4185*, 4188**, or 4385*	
American Literature II	3
ENGL 4160 or 4165, 4108*, 4170, 4180*, 4185*, 4188**, or 4385*	
* Courses will count in a designated area depending on the specific topic.	
**Students must take one Individual Author course (ENGL 4188) among the four courses in this area. Students may take an additional offering of ENGL 4188 as a major elective.	
B. Genre and Theory: Two (2) courses selected from the following:	6
ENGL 4295 (Reading and Literature in Secondary English Classrooms)	3
ENGL 4106, 4310, OR 4385*	3
* Courses will count in a designated area depending on the specific topic.	
C. Writing and Language: Two (2) courses:	6

ENGL 4300 (English Grammar OR History of the English Language)	3	
ENGL 3400 (Pedagogy and Writing)	3	
D. English Major Electives: One (1) course selected from ENGL 3000- or 4000-level courses.	3	
<i>*No more than one (1) variable-credit, independent study may be counted toward the major. Students cannot count ENGL 4386 (Internship) toward the major. Students may take two sections of the same course as long as the topic of the sections is different. For example, ENGL 4106 (Studies in Genre: Poetry) and ENGL 4106 (Studies in Genre: Film).</i>		
E. ENGL 4384 Senior Seminar*	3	
<i>*Prerequisites: 2000-level ENGL courses in Area F and 18 hours of upper-level ENGL courses with a C or higher; No course may be substituted for the Senior Seminar.</i>		
F. Professional Education Sequence****		34
EDUC 2110 Investigating Contemporary & Critical Issues	3	
EDUC 2120 Exploring Sociocultural Perspectives on Diversity	3	
EDUC 2130 Exploring Teaching and Learning	3	
ENGL 4238 Methods for Teaching Secondary English	4	
ENGL 4286 Teaching Internship	9	
CEPD 4101 Educational Psychology**	3	
MEDT 3401 Intergrating Technology into the Classroom*****	3	
SPED 3715 The Inclusive Classroom	3	
SEED 4271 Curriculum in Secondary Schools**	3	
<i>** Admission to Teacher Education Program required before enrolling in these courses. See catalog for admission requirements for College of Education.</i>		
<i>*** Minimum GPA required for enrollment in EDUC 2110, 2120, and 2130. Check with Education Advisor.</i>		
<i>**** A grade of C or better is required in courses in these sections.</i>		
<i>*****Prerequisite MEDT 2401 or exemption exam</i>		
Total Hours		124

REQUIREMENTS FOR A MINOR IN LITERATURE 18 HOURS

Students must take a) ENGL 2300; b) one of the following: ENGL 2110, 2120, 2130, 2180, or 2190; and c) twelve (12) hours chosen from upper-division English courses (ENGL 4106-4188) or ENGL 4300, 4310, or 4385. No course with the same number may be taken twice for credit toward the minor in literature. In addition to these courses, students may also choose one (1) upper-division writing course for credit within the minor in literature (ENGL 3200, 3400, 3405, or 4210).

REQUIREMENTS FOR A MINOR IN CREATIVE-WRITING 18 HOURS

Students must take a) XIDS 2100: Arts and Ideas-The Creative Process, ENGL 2060: The Creative Voice, ENGL 3200: Intermediate Creative Writing, ENGL 4106: Studies in Genre, and ENGL 4210: Advanced Creative Writing (Fiction or Poetry); and b) any relevant 3000/4000 course, approved by the Creative Writing Coordinator, from ANTH, ART, ENGL, FLL, COMM, PHIL, PSYCH, SOCI, or THEA. English majors may complete the requirements for the creative writing minor and receive a creative writing certificate on their transcript. No course, however, may count toward both the major and the certificate.

REQUIREMENTS FOR A MINOR IN FILM 18 HOURS**Required courses (6 hours):**

FILM 2080: Introduction to the Art of Film

FILM 2100: History and Theory of Film

Select 4 courses from the approved list (12 hours)*:

COMM 3356: Film and Culture

HIST 4485: History in Film (Special Topics)

PHIL 3160: Philosophy in Literature and Film

ENGL 3200: Creative Writing: Screenwriting

ENGL 4109: Film as Literature

FORL 3111: World Film

FORL 4485: Topics in National Film

FREN 4210: French Literature and Film**

GRMN 4220: German Culture Through Film**

GRMN 4240: Mystery & Horror in Lit & Film**

GRMN 4250: Contemporary German Cinema**

SPAN 4200: Spanish Literature and Film**

PSYC 4085: Psychology and Film (Horizon Seminar)

THEA 3214: Scenography

THEA 3290: Costume Design

THEA 4485: Acting for the Camera (Special Topics)

FILM 4081: Independent Study

Students are required to take electives in at least 3 different disciplines.** These courses are currently taught in the specific foreign language, but FORL versions in English have been proposed. See FORL 3111 and FORL 4485 above.*****Other 3000 or 4000 level courses may be applied toward the minor with approval of coordinator of Film Studies.***REQUIREMENTS FOR A MINOR IN AFRICANA STUDIES 15 HOURS**

Jointly housed with the history department, this multidisciplinary program combines the study, research, interpretation, and dissemination of knowledge concerning the African presence in Africa, the Americas, and other parts of the world from the birth of human civilization to the present. See the history department's listing for a detailed description.

ENGLISH COURSES (ENGL)

NOTE: ENGL 1101 and 1102 are prerequisite for *all* courses from ENGL 2080 through 4386.

ENGL 1101 English Composition I 3/0/3

A composition course focusing on skills required for both *effective writing* for various rhetorical situations and *critical reading* of texts. In writing, students must demonstrate competency in argumentation, and writing that is strengthened by the use of multiple textual sources.

ENGL 1102 English Composition II 3/0/3

Prerequisite: ENGL 1101

This course serves as a continuation of English 1101 and as an introduction to more sophisticated study of argument and textual analysis, focusing on the composition of increasingly complex analytical essays about written and visual texts. Students must demonstrate advanced competency in critical analysis and interpretation of texts.

- ENGL 2000 American Speech** 3/0/3
An investigation of the varieties of speech communities in America, emphasizing the practical applications of dialectology and discourse analysis. May count for credit in Core Area B.
- ENGL 2050 Self-Staging: Oral Communication in Daily Life** 3/0/3
An introduction to the performative basis of oral communication and self-presentation. May count for credit in Core Area B. Same as THEA 2050.
- ENGL 2060 The Creative Voice** 3/0/3
An introduction to the various methods of defining voice, including one's distinctive voice on the written page, and one's critical voice as a close reader of, and commentator on, peer-produced texts.
- ENGL 2080 Introduction to the Art of Film** 3/0/3
A consideration of the primary visual, aural, and narrative conventions by which motion pictures create and comment upon significant social experience. This is an introductory course that assumes no prior knowledge of film.
- ENGL 2110 World Literature** 3/0/3
Prerequisite: ENGL 1101 and 1102
A survey of important works of world literature. Required for English majors. May count for credit in Core Area C.
- ENGL 2120 British Literature** 3/0/3
Prerequisite: ENGL 1101 and 1102
A survey of important works of British literature. Required for English majors. May count for credit in Core Area C.
- ENGL 2130 American Literature** 3/0/3
Prerequisite: ENGL 1101 and 1102
A survey of important works of American literature. Required for English majors. May count for credit in Core Area C.
- ENGL 2180 Studies in African-American Literature** 3/0/3
Prerequisite: ENGL 1101 and 1102
An examination of representative African-American literary texts, with particular attention to the defining aesthetic principles of the tradition. May count for credit in Core Area C.
- ENGL 2190 Studies in Literature by Women** 3/0/3
Prerequisite: ENGL 1101 and 1102
An exploration of significant literary texts by female authors, with particular attention to the emergence of what might be called a female aesthetic and to issues of gender identity. May count for credit in Core Area C.
- ENGL 2300 Practical Criticism: Research and Methodology** 3/0/3
Prerequisite: ENGL 1101 and 1102
An introduction to representative critical approaches in literary studies, with particular attention to research and methodology. Required for the major in English as a prerequisite to upper-division study. Requires permission of the academic coordinator. Not offered during summer session.

- ENGL 3160 Philosophy in Literature and Film** 3/0/3
 Prerequisite: ENGL 1101 and 1102
 An examination of significant philosophical, literary, and filmic texts in terms of their thematic and/or conceptual interconnections. Same as PHIL 3160 (No more than two [2] 3000-level courses may be counted toward the major in English).
- ENGL 3200 Intermediate Creative Writing** 3/0/3
 Prerequisites: ENGL 1101 and 1102.
 An introduction to the genre-specific workshop in either fiction, poetry, creative nonfiction, screenwriting, or playwriting. (No more than two[2] 3000-level courses may be counted toward the major in English.) May be repeated for credit if topic varies.
- ENGL 3300 Studies in American Culture** 3/0/3
 Prerequisite: ENGL 2130, HIST 2111 or 2112
 An introduction to American Studies as an area of critical inquiry, including a study of the theories and methods used in the field and readings of significant works that have shaped it. Required for the minor in American Studies. Same as HIST 3300. (No more than two [2] 3000-level courses may be counted toward the major in English.)
- ENGL 3350 Introduction to Africana Studies** 3/0/3
 An introduction to Africana studies as an area of critical inquiry, including a study of the theories and methods used in the field and reading of significant works that shaped it. Required for the minor is Africana studies. Same as HIST 3350.
- ENGL 3400 Pedagogy and Writing** 3/0/3
 Prerequisites: 1101 and 1102.
 This class serves as an introduction to and survey of major foundational philosophies and pedagogical practices in the field of Rhetoric and Composition. The course works to connect such theories to meaningful practice in the instruction of writing. Built in components include research, both reflective and theoretical writing, and field experience in both college classrooms and the University Writing Center.
- ENGL 3405 Professional and Technical Writing** 3/0/3
May be taken for certification in Secondary English Education
 Intensive practice in composing powerful audience-driven documents in a variety of real-world business, professional, and technical contexts. Students will also learn how to make effective business-related presentations supported with appropriate documentary and visual aids.
- ENGL 4106 Studies in Genre** 3/0/3
 Prerequisite: ENGL 1101 and 1102
Required for Certification in Secondary English Education. An examination of the formal, social, cultural and historical contexts of a single literary genre as well as the theoretical concerns that underlie its analysis. May be repeated for credit as genre or topic varies. Students may enroll up to three semesters.

ENGL 4108 Studies in the Novel 3/0/3

Prerequisite: ENGL 1101 and 1102

An investigation of the development of the British novel from the seventeenth century through the present **or** the American novel from the late eighteenth century through the present in relation to literary, cultural, intellectual, technological, and aesthetic changes in Britain **or** America. Primary focus is on representative novels with some discussion of precursor genres and with examination of different theoretical positions accounting for the nature and evolution of the genre and the changing relationship between the novel and the reading public. Students may take both the British and the American versions for credit.

ENGL 4109 Film as Literature 3/0/3

An examination of films as texts through historical, aesthetic, thematic, and/or cultural questioning and analysis. Offerings may include Film and the Novel, Representations of Women in Film, Teen Cultures in Film, etc. May be repeated for credit as topic varies.

ENGL 4110 Medieval Literature 3/0/3

An examination of medieval English literature in its various aspects, considering texts in their historical context.

ENGL 4115 Renaissance Literature 3/0/3

An investigation of Renaissance literature in its various aspects, including, but not limited to, poetry, prose, and drama, and a consideration of that literature as a part and product of its historical period.

ENGL 4120 Seventeenth-Century British Literature 3/0/3

An investigation of significant issues, themes, and ideologies in selections of seventeenth-century British literature studied in terms of their original cultural context.

ENGL 4125 Colonial and Early American Literature 3/0/3

An examination of representative literary works from the era of exploration and discovery through the era of the new American republic.

ENGL 4130 Eighteenth-Century British Literature 3/0/3

An examination of drama, fiction, poetry, and other textual expression from Restoration and eighteenth-century Britain. Works may be studied in their historical, political, cultural, and aesthetic contexts.

ENGL 4135 British Romanticism 3/0/3

An investigation of significant issues, themes, and ideologies in selections of British Romantic literature studied in terms of their original cultural context.

ENGL 4140 American Romanticism 3/0/3

An examination of representative American literary works from the nineteenth century through the Civil War.

ENGL 4145 Victorian Literature 3/0/3

An examination of Victorian literature in its original historical, political, cultural, and aesthetic contexts.

- ENGL 4150 American Realism and Naturalism** 3/0/3
An examination of the American literary arts based in an aesthetic of accurate, unromanticized observation/representation of life and nature that flourished in the post-Civil War era.
- ENGL 4155 Twentieth-Century British Literature** 3/0/3
An examination of selected twentieth-century texts from the British Isles studied in the context of relevant social, political, and cultural issues.
- ENGL 4160 Twentieth-Century American Literature** 3/0/3
An examination of ideas and issues prevalent in twentieth-century American literature in its historical, political, cultural, and aesthetic contexts.
- ENGL 4165 Contemporary British and American Literature** 3/0/3
An examination of selected texts produced in the last thirty years in the British Isles and the United States.
- ENGL 4170 African-American Literature** 3/0/3
An examination of the African-American tradition in literature.
- ENGL 4180 Studies in Regional Literature** 3/0/3
An examination of the literature of a specific region and the forces that shape its regional literary identity within the larger national contexts of the British Isles or the United States. Frequent offerings in Southern literature will rotate with other topics. May be repeated for credit as topic varies.
- ENGL 4185 Studies in Literature by Women** 3/0/3
An investigation of aesthetic and cultural issues pertinent to the production of literature by women. Typical offerings will rotate among topics related to literature by women in the United States, the British Isles, or other parts of the world. May be repeated for credit as topic varies.
- ENGL 4188 Individual Authors** 3/0/3
An examination of the career of a single literary figure in the context of literary history. Frequent offerings in Shakespeare and Chaucer will rotate with courses in a variety of other figures from several literary traditions. May be repeated for credit as topic varies. Shakespeare may be taken for up to six (6) hours, if topic varies, with department chair's permission.
- ENGL 4210 Advanced Creative Writing** 3/0/3
Prerequisite: ENGL 3200 (same genre)
An intensive experience in writing in one of the following genres: fiction, poetry, creative non-fiction, screenwriting, or playwriting. May be repeated for credit as topic varies.
- ENGL 4238 Methods for Teaching Secondary English** 4/0/4
Prerequisites: ENGL 1101, 1102, and 2300; admission to the TEP; permission of instructor; field experience forms, and background check. This compulsory course, taught by English Department faculty, unites theory and practice to produce sound pedagogical strategies for the teaching of English. In it, teachers-in-training will learn refined instructional strategies and deepen their understanding of the foundations from which such approaches develop. As a result, they will begin to fashion teaching selves through recursive discussion, concentrated research, analytical writing, repeated field observation, and practical implementation.

ENGL 4286 Teaching Internship**(9)**

Prerequisites: ENGL 1101, 1102, and 2300; admission to the TEP; permission of instructor; field experience forms, and background check. The course involves teaching one semester in the public schools at the secondary level in English under the supervision of an experienced, qualified English teacher. Seminars in English secondary education are scheduled as an integral part of the student teaching experience and will provide students with numerous and varied opportunities to plan, deliver, evaluate, and revise secondary English educational strategies. Such a learning environment, based on developing best practices and sound pedagogical modeling in the field, serve as part of an ongoing and comprehensive portfolio assessment process.

ENGL 4295 Reading and Literature in Secondary English Classrooms 3/0/3
Required for certification in Secondary English Education.

An examination of a wide range of literary texts appropriate for use in grades 7-12, focused so that students will develop an understanding of the basic reading processes, including reading assessment, comprehension strategies, and techniques for corrective reading, as well as a series of effective methodologies for promoting the critical appreciation of literature. Also covered are issues relating to the rights and responsibilities of various groups (including teachers, school administrators, and parents) involved in designing and implementing a literature curriculum.

ENGL 4300 Studies in the English Language**3/0/3***Required for certification in Secondary English Education.*

A sustained analysis of a particular linguistic theme, an approach to, or a regional expression of, the English language. Regular offerings in the history of the English language and its development from Anglo-Saxon to contemporary varieties of world English and in English grammar will rotate with other topics. May be repeated for credit as topic varies.

ENGL 4310 Studies in Literary Theory**3/0/3**

Prerequisite: ENGL 2300

An examination of a particular facet of or approach to literary theory and/or criticism. Typical offerings may include History of Literary Theory, Cultural Studies, Feminist Theory, etc. May be repeated for credit as topic varies.

ENGL 4381 Independent Study**var. 1-3**

Guided investigation of a topic not addressed by regularly scheduled courses. Students must propose a detailed plan of readings, articulating precise learning objectives, and secure the written consent of both a supervising instructor and the department chair. Not more than one (1) Independent Study may count toward the major in English without the chair's permission.

ENGL 4384 Senior Seminar**3/0/3**

A capstone seminar designed to assess students' learning in the major program. The course will integrate literature, theory, and writing centering on an idea, theoretical issue, or critical concern in literary or language studies. Required for all English majors. Cannot be taken until ENGL 1101, 1102 and core area F have been completed with a minimum passing grade of C. A minimum of 18 hours of upper-level English courses must also have been completed also with no grade lower than C. Requires permission of the academic coordinator. Not offered during the summer session.

ENGL 4385 Special Topics**3/0/3**

An examination of a topic in literature, theory, and/or writing that transcends the boundaries of the fixed curriculum. Offerings might include Literary Representations of the War in Vietnam, Nature Writing and the Environment, and Representations of Aging in Literature. Requires permission of the department chair to repeat.

ENGL 4386 Internship**3/0/3**

A supervised practicum within a career-related setting that is writing-, editing-, tutoring-, and/or teaching-intensive. Enrollment is contingent on approval of proposed internship activities by both instructor and department chair.

FILM COURSES (FILM)

(See page 211 for description of Film Studies Minor)

FILM 2080 Introduction to the Art of Film**3/0/3**

Students will consider the primary visual, aural, and narrative conventions by which motion pictures create and comment upon significant social experience. Students will watch a wide range of films from a variety of countries and historical moments in film history. Students will have the chance to explore issues such as framing, photographic space, film shot, editing, sound, genre, narrative form, acting style, and lighting in the context of wider discussions of the weekly films. This is an introductory course, and assumes no prior knowledge of film. Students will be evaluated primarily on the basis of weekly postings, a shot-by-shot analysis, and exams. Weekly screenings will be offered.

FILM 2100 History and Theory of Film**3/0/3**

Prerequisite: ENGL 1101 and 1102

An exploration in major developments in film history, theory, and criticism. Students will become familiar with several different film movements in the development of the art form and will be introduced to basic ideas in film theory. Through a variety of film movements and historical periods, students will develop an understanding of the cultural, industrial, and political contexts for some of the most significant debates about film. Specific topics covered will include Russian formalism, the history of classical Hollywood cinema, the French New Wave, recent global cinemas, as well as alternatives to Hollywood in the United States. Students will be evaluated on the basis of weekly postings, participation in discussion, essay exams, and formal writing opportunities.

FILM 4081 Independent Study**3/0/3**

Prerequisite: ENGL 1101 and 1102

Guided investigation of a topic not addressed by regularly scheduled courses. Students must propose a detailed plan of readings, articulating precise learning objectives, and secure written consent of both a supervising instructor and the coordinator of Film Studies. Not more than one (1) Independent Study may count toward the minor in Film Studies without the coordinator's permission.

ENVIRONMENTAL SCIENCE

TLC 2135 • 678-839-6550

<http://www.westga.edu/~artsci/envstudies.pdf>

Degree Advisors: F. Khan (Chemistry), J. Mayer (Geology)

The Environmental Science degree is designed to prepare well-trained natural scientists who will seek employment in government, industry, private research, or consulting firms requiring laboratory or field research. Additionally, Environmental Science majors will study the social, political, and historical aspects of environmental issues. Graduates will also be prepared to enter graduate or law school.

B.S. DEGREE IN ENVIRONMENTAL SCIENCE

Areas A-E are recommended courses; Area F is required courses

Core Areas A, B, C, D, & E (see pages 128-134) 42

Core Area A:

MATH 1113* is recommended (* 1 hour moved to Area F)

Core Area B:

XIDS 1004 is recommended

Core Area D:

MATH 1634* and Science Sequence I
are recommended (* 1 hour moved to Area F)

Core Area E:

XIDS 2301 is recommended

Core Area F (Courses specific to the major): 18

MATH 2644 4

ENVS 2202 3

Elective 3

Science Sequence II (2 hours move to Electives) 6

Math Credit from Areas A and D 2

Required Lower Division Courses: 17-18

Science Sequence III 8

PHYS 1111 or PHYS 2211 4

2 hours overflow from Core (Science Sequence II) 2

CS 1030 or CS 1301 3-4

Major Courses: 9

POLS 4209 (Required) 3

Choose two from: 6

ENVS 4053, ENVS 4093, ENVS 3180, or ENVS 4803

Choose **one** concentration:

BIOLOGY 21-23

BIOL 4440 4

Biology Electives 12

Electives (must be at the 3000 level or higher) 5-7

CHEMISTRY 20-23

CHEM 2411 3

CHEM 2411L 1

CHEM 3310K 4

CHEM 4920 4

Chemistry Electives at 3000 level or higher (excluding CHEM 3130, 3140, 4083)	3-4	
Electives (must be at the 3000 level or higher)	5-7	
GEOLOGY		20-23
GEOL 3003	3	
GEOL 4084	4	
GEOL 4014 or GEOL 4083	3-4	
GEOL 4093 or GEOL elective if GEOL 4093 taken elsewhere	3	
Electives (must be at the 3000 level or higher)	6-9	
Courses outside the concentration		
Choose two classes from outside the chosen concentration		
Depending on concentration, choose two from BIOL 4440, CHEM 3310K, or GEOL 3603		7-8
Capstone Course – ENVS 4900		4

ENVIRONMENTAL STUDIES

Pafford 217 • 678-839-6505

<http://www.westga.edu/~artsci/envstudies.pdf>

Degree Advisors: S. Caress (Political Science), M. LaFountain (Sociology)

Program Learning Outcomes

- Students completing the Environmental Studies degree should be able to:
- Identify major environmental problems in the State of Georgia
 - Apply interdisciplinary approaches in analysis of environmental problems
 - Think critically about environmental problems
 - Communicate effectively orally and in writing, including use of technology
 - Identify opportunities in the job market and graduate education

Environmental Studies majors will focus on the various ways in which environmental issues have become a multifaceted and contested social problem in contemporary society.

Graduates will be prepared to assume positions in public relations, research in private industry and government, leadership in citizen-based community organizations, and research, leadership, and advocacy in non-profit and non-governmental organizations. Graduates will also be prepared to enter graduate or law school.

B.S. DEGREE IN ENVIRONMENTAL STUDIES

Core Areas A, B, C, D, E (see pages 128-134)		42
Core Area F (Courses specific to the major):		18
XIDS 2202	3	
GEOG 1112 or 1113	3	
MATH 2063 (complete in Area F if not taken in Area D)	0-3	
Select 6 hours from: GEOG 1112 or 1113 (whichever is not selected above), GEOG 2553, 1000-2000 level courses in BIOL, CHEM, PHYS		
To complete 18 hours select from: ANTH 1102,		

POLS 2201, SOCI 1101, XIDS 2300

Major Courses:

Students may use ENVS 4886 (Internship) 4981 (Directed Study) in the areas of Major, Supporting, Minor or Elective Courses.

Required Major Courses:

27

Students must select 24 hours from the list below.

ENVS 3180/ANTH 3180	3
ENVS 3701/PLAN 3701	3
ENVS 3702/PLAN 3702	3
ENVS 4093/GEOL 4093	3
ENVS 4209/POLS 4209	3
ENVS 4553/GEOG 4553	3
ENVS 4461/HIST 4461	3
ENVS 4803/SOCI 4803	3
GEOG 3085*	3
GEOG 4700	3
PLAN 4701	3
POLS 3201	3

* Students may also elect upper level special topic courses in ANTH, COMM, ECON, HIST, POLS/PLAN, PSYC, SOCI and other approved disciplines when those courses focus on environmentally relevant topics.

ENVS 4900	3
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Minor or Supporting Courses in consultation with advisor: 15-18

Electives (9 hours must be taken at the 3000/4000 level): 15-18

TOTAL 120

ENVIRONMENTAL STUDIES MINOR

Required Courses:

18

Social Science (choose 2 courses) 6

ENVS 3180

ENVS 4209

ENVS 4803

Natural Science (choose 2 courses) 7-8

BIOL 4440

CHEM 3310K

GEOL 3603

Electives 4-5

See course lists for Environmental Science and Environmental Studies degrees for possible selections (must be upper-level courses).

ENVIRONMENTAL COURSES (ENVS)

ENVS 1111 Introduction to Physical Geography 3/0/3

An introduction to physical geography, surveying weather, climate, vegetation soils, land forms, water resources, and their spatial interrelationships and distributions. Same as GEOG 1111.

- ENVS 2202 Environmental Studies 3/0/3**
An integrative, interdisciplinary focus on specified environmental issues approached from selected disciplines in the natural and social sciences. Topics and disciplines vary from semester to semester. Major objectives are to develop environmental literacy and to understand and critically assess how humanity positively and negatively impacts ecological systems at local and global levels. Same as XIDS 2202.
- ENVS 2553 Geology of the National Parks 3/0/3**
The study of the geologic processes that formed our national parks. Selected national parks and monuments are used to illustrate fundamental geologic processes such as volcanism, sedimentation, glaciation, stream and shoreline erosion, and crustal deformation among others. Same as GEOL 2553.
- ENVS 3010 Law and Administration of Chemicals 3/0/3**
Prerequisite: CHEM 1212
Categories of hazardous chemicals, their origin, impact on society, state and federal regulations, handling, storage, and disposal will be discussed. Case studies of hazardous chemicals will include asbestos, lead, polychlorinated biphenyls, pesticides, and batteries. Regulations, particularly RCRA, CERCLA, OSHA, TSCA, SARA, NEPA, HMTA, and CWA, will be discussed. Same as CHEM 3010.
- ENVS 3180 Environmental Anthropology: Local-Global Connections 3/0/3**
The focus of this course is on the relationship between cultural behavior and environmental phenomena. Local, regional, and global case studies will be used in examining the political and cultural ecology of resource use, adaptation, and degradation. Possible topics include environmental justice, deforestation and conservation, industrial waste, and watershed management. Same as ANTH 3180.
- ENVS 3701 Introduction to Planning 3/0/3**
An orientation to urban and regional planning with special emphasis on the United States and Europe. The course includes land use planning, the comprehensive planning process, transportation, community development, and urban design. Planning as a governmental activity at the local, regional, state, and federal level is also a component of the course. Same as PLAN 3701.
- ENVS 3702 Land Use Planning and Controls 3/0/3**
Prerequisite: PLAN 3701
Land use planning with emphasis on methods of land use analysis and issues confronting land use decision makers. Methods of state regulation of land uses and growth management techniques, including zoning, will be studied with particular attention to the cases of Oregon, Vermont, Florida, North Carolina, and Georgia. Same as PLAN 3702.
- ENVS 4014 Geochemistry 3/2/4**
Prerequisite: GEOL 1121, CHEM 1211, or consent of department
Chemical realms of the earth and geologic materials, chemistry of geologic processes, geochemical cycles, and special topics. Same as GEOL 4014.

- ENVS 4083 Environmental Geochemistry** 3/0/3
Prerequisite: GEOL 1121, CHEM 1211, or consent of department
The geochemistry of the earth's lithosphere, biosphere, hydrosphere, and atmosphere and human modifications to these systems that cause environmental problems. Special topics include acid rain, Greenhouse effect, toxic trace elements, landfills, energy usage, and radon. Same as GEOL 4083.
- ENVS 4093 Risk Assessment** 3/0/3
Prerequisite: Science sequence, or Science or Education Major
A multi-disciplinary investigation into the major societal issue of increasing impacts of natural hazards. Will focus on property damage, loss of life caused by geologic hazards (earthquakes, landslides, volcanoes) and meteorological hazards (hurricanes, tornadoes, floods), and other topics on intent (fires, technological hazards, biohazards). A major focus will be social science issues of planning, politics, economics, and their control on management of high hazard areas, vulnerability assessments, and mitigation. Same as GEOL 4093.
- ENVS 4209 Environmental Policy** 3/0/3
Prerequisite: POLS 1101
This course will emphasize the national and state policy-making process, focusing on the dynamics of pluralist change, policy implementation, and current environmental status. Same as POLS 4209.
- ENVS 4321 Applied and Environmental Microbiology** 3/0/3
Prerequisite: BIOL 3320, or consent of instructor
This course is designed to expose students to the importance of microorganisms in industry and the environment. Same as BIOL 4321.
- ENVS 4440 Aquatic Ecology** 2/6/4
Prerequisite: BIOL 1108 + 4 addl. hrs. of Biology + CHEM 1212
A study of biological, chemical, and physical components and interactions in freshwater systems. Field labs include a study of reservoirs and streams in west Georgia. A three-day field trip to the Georgia coast or the Okefenokee Swamp is required. Same as BIOL 4440.
- ENVS 4461 Environmental History** 3/0/3
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
A study of American understanding of ecology, wilderness, resource usage, conservation, agriculture, technology, and natural hazards from colonial times to the present. Same as HIST 4461.
- ENVS 4553 Geographic Information Systems** 2/4/4
An introduction to the use of Geographic Information Systems, including GIS theory, data input, spatial analysis, and final output. Project required. Same as GEOG 4553.
- ENVS 4702 Ethics in Land Use Policy and Planning** 3/0/3
Prerequisite: PLAN 3701
The ethical dimensions of making land use decisions and policies; in particular, the use of natural resources and the environment in general are brought to light and analyzed. Same as PLAN 4702.

- ENVS 4803 Environmental Sociology 3/0/3**
 Prerequisite: SOCI 1101 or consent of instructor
 Studies how societal practices and organization produce varying types of ecological degradation. Analyzes various forms of environmental activism. Analyzes selected cases and issues as well as critically examines and compares various sociological viewpoints. Considers global problems and everyday situations with a focus on modernity as risk society. Same as SOCI 4803.
- ENVS 4886 Internship 0/3-6/3-6**
 Prerequisite: Consent of Advisor
 The internship provides students an opportunity to gain supervised work experience in an agency in their major area of study. May be repeated for up to 6 hours of credit.
- ENVS 4900 Senior Capstone 0/6-8/3-4**
 Prerequisite: Senior standing
 Students may elect to complete a laboratory or field research project, an academic service-learning project (e.g., internship), or other research relevant to career objectives. Content of project must focus on issue or problem with in the State of Georgia.
- ENVS 4920 Environmental Chemistry 2/6/4**
 Prerequisite: CHEM 3310K
 This course is an introduction to the practice of modern environmental chemistry. Topics include pollutants in water, soil, and the atmosphere; equilibria in aqueous systems; experimental methods in environmental analyses; toxicological chemistry; and current environmental problems. The laboratory will consist of EPA-approved methods of analyses. Same as CHEM 4920.
- ENVS 4981 Directed Study**
 Prerequisite: consent of instructor and student's environmental studies advisor.
 In-depth, individualized research on a specific topic in environmental studies. May be repeated for a maximum of 6 hours.

FOREIGN LANGUAGES AND LITERATURES

Cobb 107 • 678-839-6515

<http://www.westga.edu/~forlang/>

Associate Professors, J. Blair, M. Cormican, D. Overfield; **Assistant Professors,** A. Angelo, L. Anderson, A. Echarri, J. Farmer, B. Gunnels, E. Hall, M. Hellin-Garcia, E. Kim, G. Schmidt (Interim Chair)

Learning Outcomes/Expected Results for all programs:

- Students will acquire and demonstrate listening, speaking, reading, and writing skills at the advanced level of the target language consistent with national standards for foreign language education.
- Students will acquire and demonstrate skills necessary to analyze and compare cultures and practices of the target area with their own culture.
- Students will be able to situate the history of the target culture within a broad historical framework.
- Students will demonstrate competence in a second foreign language.
- Students will demonstrate familiarity with technologies allowing them to

access sources in the following areas: current news from the target country, bibliographical and other sources related to coursework, contemporary culture sources, and interactive communication sites.

For Learning Outcomes on specific majors please see <http://www.westga.edu/~forlang/>.

Please note: Students may retake a foreign language course for credit at the 1000 or 2000 level only if they have not completed a course with a higher number for credit.

B.A. DEGREE WITH A MAJOR IN FRENCH

	Hours
Core Areas A, B, C, D, and E (see pages 128-134)	42
Core Area F	18
FREN 1002-2002	0-9
Select from the following options:	9
HIST 1111 or 1112 and	
GRMN/SPAN 1001-1002	
Courses Required for the Degree	31
<p>French majors need to complete 16 semester hours of required French courses above the 1001-2002 sequence and 9 semester hours of electives chosen from courses above 3000 (Translation, Business French, Literature and Film, Special Topics, and any other offerings). Only 3 semester hours of French courses required at or above the 3000 level may be taken as a transient student. (This does not apply to transfer and/or study abroad hours) These are the required courses:</p> <p>FREN 3100 Composition and Conversation FREN 3220 Survey of French Literature I FREN 3221 Survey of French Literature II FREN 4150 Advanced Grammar and Linguistics FREN 4310 Francophone Civilization or 4320 French Civilization and Culture FREN 4484 Senior Capstone</p> <p>In addition, students are required to complete through level 2001 in GRMN or SPAN and to complete ENGL 2300.</p>	
Electives	29
<p>The Department of Foreign Languages strongly recommends to its majors that 3 electives be courses at the 3000 or above level in their major language.</p>	
TOTAL	120

B.A. DEGREE WITH A MAJOR IN SPANISH

	Hours
Core Areas A, B, C, D, and E (see pages 128-134)	42
Core Area F	18
SPAN 1002-2002	0-9
Select from the following options:	9
HIST 1111 or 1112 and	
FREN/GRMN 1001-1002	
Courses Required for the Degree	31
<p>Spanish majors need to complete 19 semester hours of</p>	

required Spanish courses above the 1001-2002 sequence and 6 semester hours of electives chosen from courses above 3000 (Literature, Translation, Film and Literature, Business Spanish, Special Topics, and any other offerings). Students who take SPAN 3210 should also take SPAN 4013, and those taking SPAN 3220 should take SPAN 4012. These are the required courses:

- SPAN 3101 Conversation
- SPAN 3102 Composition
- SPAN 3210 Introduction to Spanish Writers or
- SPAN 3220 Introduction to Spanish-American Writers
- SPAN 4012 Spanish Culture and Civilization or
- SPAN 4013 Spanish-American Culture and Civilization
- SPAN 4040 Spanish Linguistics
- SPAN 4170 Advanced Language Skills
- SPAN 4484 Senior Capstone

In addition, students are required to complete through level 2001 in FREN/GRMN and to complete ENGL 2300.

Electives	29
<p>The Department of Foreign Languages strongly recommends to its majors that 3 electives be courses at the 3000 or above level in their major language.</p>	
TOTAL	120

B.A. DEGREE WITH A MAJOR IN GERMAN

	Hours
Core Areas A, B, C, D, and E	42
Core Area F	18
GRMN 1002-2002	0-9
Select from the following:	
HIST 1111 or 1112 and	
FREN or SPAN 1001-1002	6
FREN or SPAN 2001	3
Courses Required for the Degree	28
<p>German majors need to complete 24 semester hours of German courses above the 1001-2002 sequence; GRMN 3101, 3102, and 4484 are required and at least 12 semester hours must be chosen from courses at the 4000 level. These are the German courses currently offered:</p>	
GRMN 3101 German Conversation	
<i>(can be taken twice for credit with different content)</i>	
GRMN 3102 German Composition	
<i>(can be taken twice for credit with different content)</i>	
GRMN 4170 Advanced Language Skills	
GRMN 4210 Turn of the Century German and	
Austrian Culture in Literature and Film	
GRMN 4220 German Culture through Film	
GRMN 4230 Kafka and the Kafkaesque in Literature and Film	
GRMN 4240 Mystery and Horror in German Literature and Film	

GRMN 4785 Topics in German Literature

GRMN 4986 Internship in Germany

(can be taken multiple times for a total of up to 5 credit hours)

GRMN 4484 Senior Capstone

In addition, students are required to complete through level 2001 in French or Spanish and to have either done an internship or language program in a German-speaking country. No more than 5 of the required hours may come from internships and no more than 9 of the required hours may be transferred from a pre-approved overseas program. At least 12 hours of 3000- and 4000-level German courses must be taken at the University of West Georgia.

Electives

33

The Department of Foreign Languages strongly recommends to its majors that 3 electives be courses at the 3000 or above level in their major language. The German Section further recommends that its majors take electives that support their major, including German or European history, German philosophy, music, and/or art, and English courses on periods, topics, theory, and writing. Majors are required to seek advisement from the German faculty.

Total

120

Students may retake a course in French, Spanish, or German for credit at the 1000 or 2000 level only if they have not completed a course with a higher number for credit.

REQUIREMENTS FOR A MINOR IN FRENCH

A minor in French requires 18 total hours, with at least 12 hours of courses at the 3000 level or above, including FREN 3100. Only 3 semester hours of French courses required at or above the 3000 level may be taken as a transient student. (This does not apply to transfer and/or study abroad hours)

REQUIREMENTS FOR A MINOR IN GERMAN

A minor in German requires 18 total hours, with at least 12 hours of courses at the 3000 level or above, including GRMN 3101 and GRMN 3102.

REQUIREMENTS FOR A CERTIFICATE/MINOR IN LATIN AMERICAN STUDIES

Total credit hours (12-18 hours)

Undergraduate certificate/minor in Latin American Studies requires 6 credit hours of approved foreign language coursework at the 3101/3102 level, completion of the gateway course, Peoples and Cultures of Latin America (ANTH 4144), for 3 credit hours, completion of 9 credit hours to be chosen among electives offered in the following disciplines: History, Political Science, Spanish, French, Music, XIDS, Geography, and Psychology. A list of approved courses can be obtained from the coordinators of the program through Foreign Languages or Anthropology.

REQUIREMENTS FOR A MINOR IN SPANISH

A minor in Spanish requires 18 total hours, with at least 12 hours of courses at the 3000 level or above, including SPAN 3101 and SPAN 3102.

REQUIREMENTS FOR CERTIFICATION IN FRENCH/SPANISH EDUCATION

Unless students begin the program with a strong background in the target language, they may require five years to complete the major with certification program.

Students majoring in Spanish or French and seeking P-12 certification must take the GACEI exam and EDUC 2110, 2120, and 2130 prior to being admitted to the College of Education. Spanish majors must complete SPAN 3101, 3102, 3210 or 3220, 4012 or 4013, 4040, 4170, 4484 and another 4000-level literature course. French majors must take FREN 3100, 3220, 3221, 4150, 4310 (or 4320), 4484 and another 4000-level literature course. Both French and Spanish majors must take the following courses: FORL 4501, 4502, SEED 4271, CEPD 4101, ENGL 2300, SPED 3715, MEDT 3401, HIST 1111 or 1112 and FORL 4586. They must complete through the 2001 level in a second language. Certification candidates must have a GPA of 2.7 or higher.

FOREIGN LANGUAGE COURSES (FORL)**FORL 1598 Elementary Arabic I 3/0/3**

Prerequisite: Students must have the approval of the Department of FLL to enroll

This is the first of a two-semester program the purpose of which is to provide highly motivated students the opportunity to learn basic speaking skills in Arabic. The methods utilized conform to the self-instructional format developed by the National Association of Self-Instructional Programs. This course does not fulfill any part of the core curriculum.

FORL 1599 Elementary Arabic II 3/0/3

Prerequisite: FORL 1598 and approval of the Department of FLL

This is the second of a two-semester program the purpose of which being to provide highly motivated students the opportunity to learn basic speaking skills in Arabic. The methods utilized conform to the self-instructional format developed by the National Association of Self-Instructional Programs. This course does not fulfill any part of the core curriculum.

FORL 1698 Elementary Chinese I 3/0/3

Prerequisite: Students must have the approval of the Department of FLL to enroll

This is the first of a two-semester program the purpose of which being to provide highly motivated students the opportunity to learn basic speaking skills in Chinese. The methods utilized conform to the self-instructional format developed by the National Association of Self-Instructional Programs. This course does not fulfill any part of the core curriculum.

FORL 1699 Elementary Chinese II 3/0/3

Prerequisite: FORL 1698 and approval of the Department of FLL

This is the second of a two-semester program the purpose of which being to provide highly motivated students the opportunity to learn basic speaking skills in Chinese. The methods utilized conform to the self-instructional format developed by the National Association of Self-Instructional Programs. This course does not fulfill any part of the core curriculum.

FORL 1798 Elementary Japanese I 3/0/3

Prerequisite: Students must have the approval of the Department of FLL to enroll

This is the first of a two-semester program the purpose of which being to provide highly motivated students the opportunity to learn basic speaking skills in Japanese. The methods utilized conform to the self-instructional format developed by the National Association of Self-Instructional Programs. This course does not fulfill any part of the core curriculum.

FORL 1799 Elementary Japanese II 3/0/3

Prerequisite: FORL 1798 and approval of the Department of FLL

This is the second of a two-semester program the purpose of which being to provide highly motivated students the opportunity to learn basic speaking skills in Japanese. The methods utilized conform to the self-instructional format developed by the National Association of Self-Instructional Programs. This course does not fulfill any part of the core curriculum.

FORL 1898 Elementary Portuguese I 3/0/3

Prerequisite: Students must have the approval of the Department of FLL to enroll

This is the first of a two-semester program the purpose of which being to provide highly motivated students the opportunity to learn basic speaking skills in Portuguese. The methods utilized conform to the self-instructional format developed by the National Association of Self-Instructional Programs. This course does not fulfill any part of the core curriculum.

FORL 1899 Elementary Portuguese II 3/0/3

Prerequisite: FORL 1898 and approval of the Department of FLL

This is the second of a two-semester program the purpose of which being to provide highly motivated students the opportunity to learn basic speaking skills in Portuguese. The methods utilized conform to the self-instructional format developed by the National Association of Self-Instructional Programs. This course does not fulfill any part of the core curriculum.

FORL 2200 Survey of National Literatures 3/0/3

Prerequisites: ENGL 1101 and 1102

An introductory survey of a national literature other than English. The subject will vary and will be chosen from among the following: Classical Greece and Rome, China, France, Francophone countries, Germanic countries, Italy, Spain, and Latin American countries. All readings are in translation. No knowledge of the foreign language(s) in question is necessary. Course may be repeated with a different subject.

- FORL 2300 Topics in National Literatures** 3/0/3
 Prerequisites: ENGL 1101 and 1102
 Readings from a variety of literary texts drawn from one or more national literatures other than English. The subject will vary; for example, travel literature, myths/legends, epics, science fiction, or drama. No knowledge of the foreign language(s) in question is necessary. All readings are in translation. Course may be repeated with a different subject.
- FORL 3111 World Film** 3/0/3
 Prerequisite: ENGL 1102 with a 'C' or better
 This course will offer film viewings and analysis of films selected from different national traditions, several of which will always be represented. Readings in Film History and Theory will be used to illuminate selected films from differing cultures and traditions (French, German, Spanish, Latin America, Japanese, etc.). All films have subtitles and all readings are in English. No knowledge of the foreign language(s) in question is necessary. Course may be repeated for credit with a different subject.
- FORL 4185 Topics in Language and Literature** 3/0/3
 Prerequisite: ENGL 1102 with a 'C' or better
 This course focuses on topics related to the study of culture, literature, film, and/or linguistics. Taught in English. Course may be repeated for credit with different topics.
- FORL 4300 Seminar in Global Studies** 3/0/3
 An interdisciplinary study of a selected culture, involving history, politics, sociology, and economics, as well as literature, art, music, and spiritual life. The course may include a trip to the area studied.
- FORL 4485 Topics in National Film Traditions** 3/0/3
 Prerequisite: ENGL 1102 with a 'C' or better
 This course will offer film viewings and analysis within individual national traditions. Readings in Film History and Theory will be used to illuminate selected films from a national tradition (French, German, Spanish, Latin America, Japanese, etc.). All films have subtitles and all readings are in English. No knowledge of the foreign language(s) in question is necessary. Course may be repeated for credit with a different subject.
- FORL 4501 Foundations of Language Development** 3/0/3
 This course, designed primarily for future and novice language teachers, introduces students to theories of first and second language development. It is a requirement for all students completing the P-12 initial certification track in French and Spanish.
- FORL 4502 Methods of Foreign Language Teaching** 3/0/3
 Prerequisite: Permission of instructor; completion of one 4000-level foreign language course, 2.7 GPA
 A course designed for students to develop skills and strategies in teaching and planning foreign language instruction at the secondary level.

FORL 4586 Teaching Internship**var. 3-9**

Prerequisite: Admission to Teacher Education

This course consists of teaching for at least one semester in the public schools at the P-12 grade level under the supervision of an experienced, qualified classroom teacher. Students whose programs require a three hour, two semester internship may repeat the course once for a total of 6 hours. These students may take the first three hours after completing two FORL courses.

FRENCH COURSES (FREN)**FREN 1001 Elementary French I****3/0/3**

Introduction to listening, speaking, reading, and writing in French and to the culture of French-speaking regions.

FREN 1002 Elementary French II**3/0/3**

Prerequisite: FREN 1001 with a grade of "C" or better or two years high school study

Continued listening, speaking, reading and writing in French with further study of the culture of French-speaking regions.

FREN 2001 Intermediate French I**3/0/3**

Prerequisite: FREN 1002 with a grade of "C" or better or equivalent

A continuation of FREN 1002, FREN 2001 provides a solid base of thematic vocabulary and grammar structures together with a varied sampling of literary readings, communicative activities, and cultural information.

FREN 2002 Intermediate French II**3/0/3**

Prerequisite: FREN 2001 with a grade of "C" or better or equivalent

Emphasis on applying reading skills to texts in different disciplines, on the continued development of writing and speaking skills, and on the functional use of grammar.

FREN 3100 Composition and Conversation**3/0/3**

Prerequisites: FREN 2002 with a grade of "C" or better or equivalent

A course involving extensive practice in writing and speaking French. Includes review and expansion of vocabulary and grammar, while emphasizing composition and conversation on contemporary cultural and literary topics.

FREN 3210 Topics in French Literature**3/0/3**

Prerequisite: FREN 2002 with a grade of "C" or better or equivalent

An introduction to the analysis of French literature through the study of selected texts and authors representative of major French literary movements. The focus of the course may vary from the thematic approach to a study of literary genres.

FREN 3211 Topics in French Culture**3/0/3**

Prerequisites: FREN 2002 with a grade of "C" or better or equivalent

An introduction to contemporary French and Francophone culture through the study of films, popular music, media, newspapers, and television broadcasts.

FREN 3220 Survey of French Literature I**3/0/3**

Prerequisite: FREN 2002 with a grade of "C" or better or equivalent

A study of selected works by major writers of the middle ages, sixteenth, seventeenth, and eighteenth centuries.

- FREN 3221 Survey of French Literature II** 3/0/3
 Prerequisite: FREN 2002 with a grade of “C” or better or equivalent
 A study of selected works by major French writers of the nineteenth and twentieth centuries.
- FREN 3450 Business French** 3/0/3
 Prerequisite: FREN 2002 with a grade of “C” or better or equivalent
 An introduction to the world of French business and to the language of French business, with emphasis on the acquisition of skills useful to a person dealing with French speakers in a business situation.
- FREN 4150 Advanced Grammar & Linguistics** 3/0/3
 Prerequisites: FREN 3100
 An intensive study of the governing principles and structures of the French language with an introduction to the major fields of contemporary linguistics: morphology, syntax, semantics, and pragmatics.
- FREN 4210 French Literature and Film** 3/0/3
 Prerequisite: A “C” or better in any 3000-level French course
 A comparative approach to the study of French literature and its cinematic adaptation and/or a thematic approach to selected literary texts and films.
- FREN 4220 Contemporary French Literature** 3/0/3
 Prerequisite: A “C” or better in any 3000-level French course
 A study of selected works by major French writers of the twentieth century.
- FREN 4230 Classical French Drama** 3/0/3
 Prerequisite: A “C” or better in any 3000-level French course
 A study of the major dramatists of the seventeenth century.
- FREN 4240 French Poetry** 3/0/3
 Prerequisite: A “C” or better in any 3000-level French course
 An introduction to the study of poetry and poetics followed by an in-depth analysis of selected poems from one of the major French literary movements (Romanticism, Symbolism, Surrealism, etc.).
- FREN 4250 Translation** 3/0/3
 Prerequisite: FREN 3100
 An introduction to the theory and practice of translation. Intensive practice in the translation of French texts representative of various academic disciplines.
- FREN 4310 Francophone Civilization** 3/0/3
 Prerequisite: Any 3000-level French course
 An introduction to the cultural diversity of the French-speaking world through the study of authentic materials from Europe, Africa, the Caribbean, and Canada.
- FREN 4320 French Civilization and Culture** 3/0/3
 Prerequisite: Any 3000-level French course
 A study of the evolution of French culture and civilization from past to present through an exploration of France’s major historical, artistic and social development.

FREN 4484 Senior Capstone **1 credit**

Prerequisite: 9 credit hours of major courses above the 2002 level

Students will prepare an electronic portfolio and a web page in which they will assess their linguistic and cultural knowledge. At least 51 percent of this course will be on-line. This format will ensure that the student has the ability to use current technology and a wide range of resources used in the modern workplace, the language classroom, and graduate school. Students will be required to pass an oral proficiency interview.

FREN 4785 Special Topics in French **var. 1-3**

Prerequisite: Consent of department chair

Readings, reports, and/or directed study abroad.

GERMAN COURSES (GRMN)**GRMN 1001 Elementary German I** **3/0/3**

An introduction to the German language and the culture of the German-speaking world. Beginning of a survey of basic German grammar and the development of the four language skills of listening, speaking, reading, and writing German. Some aspects of everyday life in the German-speaking world will also be introduced. Work with other media (audio, video, and/or computer) outside of class is required.

GRMN 1002 Elementary German II **3/0/3**

Prerequisite: GRMN 1001 with a grade of "C" or better or equivalent

The second part of an introduction to the German language and the culture of the German-speaking world. Completion of the survey of basic German grammar and further development of the four language skills of listening, speaking, reading, and writing German.

GRMN 2001 Intermediate German I **3/0/3**

Prerequisite: GRMN 1002 with a grade of "C" or better or equivalent

This is the third course in a four-course sequence and is open to students with three years of high school or two semesters of college German or the equivalent.

GRMN 2002 Intermediate German II **3/0/3**

Prerequisite: GRMN 2001 with a grade of "C" or better or equivalent

This is the fourth course in a four-course sequence and is open to students with four years of high school or three semesters of college German or the equivalent.

GRMN 3101 Conversational German **3/0/3**

Prerequisite: GRMN 2001 or equivalent

Intensive practice of spoken German with emphasis on the expansion of vocabulary, idiom, and cultural awareness as well as the development of skills in pronunciation and expression. May be taken for credit twice with permission of instructor.

GRMN 3102 German Composition **3/0/3**

Prerequisite: GRMN 2001 or equivalent

Acquisition of organizational and writing skills through grammar review and expansion, vocabulary enhancement, and compositions based on contemporary and cultural topics. May be taken for credit twice with permission of instructor.

- GRMN 3450 German for Careers** 3/0/3
 Prerequisite: GRMN 2001 or equivalent
 A variable content course with emphasis on the vocabularies and cultures of economics/business or the social sciences.
- GRMN 3986 Total Immersion in German** 1-3/0/1-3
 Prerequisite: Consent of instructor
 Participants in this course will agree to speak only German for a specified period of time ranging from 48 hours to three weeks. Students will participate in organized events, activities, games, films, cooking, discussion, or clean-up, all of which facilitate student communication in German. Quiet study, reading, and personal vocabulary consolidation are also components of total immersion.
- GRMN 4170 Advanced Language Skills** 3/0/3
 Prerequisite: GRMN 3101 or 3102
 An intensive and extensive study of the principles governing the structure of the German language. In this course students will refine and extend their language skills.
- GRMN 4200 Seminar in German Literature** 3/0/3
 Prerequisite: GRMN 2001 or equivalent
 Variable content focusing on literary periods, genres, or authors, such as Romanticism, the Novelle, or the Age of Goethe.
- GRMN 4210 Turn of the Century German and Austrian Culture** 3/0/3
 Prerequisite: GRMN 2002
 This course will analyze a variety of texts-short stories, plays, novels, films, architecture, and painting-from and about Turn of the Century Germany and Austria, with some emphasis on cultural and ideological practices. Discussion, papers, and texts will be in German. Students may not receive credit for GRMN 4210 and the XIDS 2100 course of the same title.
- GRMN 4220 German Culture through Film** 3/0/3
 Prerequisite: GRMN 2002
 This course offers an introduction to 20th-century history and culture, especially 20th-century German history and culture, through the depictions (and interpretations) of aspects of social history in German film and painting. Discussion and papers will be in German. Students may not receive credit for GRMN 4220 and the XIDS 2100 course of the same title.
- GRMN 4230 Kafka and the Kafkaesque in Literature and Film** 3/0/3
 Prerequisite: GRMN 2002
 This course offers an introduction to Kafka's life and work and examines his influence on 20th-century thought and art. In the process we will both broaden and personalize our understanding of "the Kafkaesque." Discussion, papers, and readings will be in German. Students may not receive credit for GRMN 4230 and the XIDS 2100 course of the same title.
- GRMN 4240 Mystery and Horror in German Literature and Film** 3/0/3
 Prerequisite: GRMN 2002 or permission of instructor
 This course traces the mystery and horror genres from their beginnings in German Romanticism through early German film to New German Film of the 70s and 80s. Discussion, readings and paper will be in German. Students may not receive credit for GRMN 4240 and the XIDS 2100 course of the same title.

GRMN 4250 Contemporary German Cinema 3/0/3

Prerequisite: GRMN 2002 and consent of instructor

This course will trace the changes in German cinema from the days of the New German Cinema and its highly intellectual, artistic goals (Fassbinder, Herzog, etc.) to today's more co-opted film industry (Tykwer, Kraume, etc.). Topics include the positive and negative influences of production, audience, big budgets, and "Hollywood" styles and ideologies on German cinema.

GRMN 4260 Austrian Literature and Culture 3/0/3

Prerequisite: GRMN 2002

This course will examine a selection of representative works of Austrian culture, including literature, music, and the visual arts, within the context of Austrian history from the time of the Hapsburg Empire to the present day Austrian Republic. Discussion, readings, and writing assignments are in German.

GRMN 4300 German Civilization 3/0/3

Prerequisite: GRMN 2002 or permission of instructor

Taught in English. Recommended for students minoring in German, but does not count in the minor.

GRMN 4484 Senior Capstone 1 credit

Prerequisite: 9 credit hours of major courses above the 2002 level

Students will prepare an electronic portfolio and a web page in which they will assess their linguistic and cultural knowledge. At least 51 percent of this course will be Online. This format will ensure that students have the ability to use current technology and a wide range of resources used in the modern workplace, the language classroom, and graduate school. Students will be required to pass an oral proficiency interview.

GRMN 4785 Special Topics in German var. 1-3

Prerequisite: Consent of department chair

Readings, reports, and/or directed study abroad.

GRMN 4986 Internship in Germany 1-5/0/1-5

Prerequisite: GRMN 1002 and permission of the German section

Students wishing to gain credit hours while working for a company in a German-speaking country will receive a written statement detailing the requirements and expectations, which will be used to determine the number of credit hours received.

SPANISH COURSES (SPAN)**SPAN 1001 Elementary Spanish I** 3/0/3

Introduction to listening, speaking, reading, and writing in Spanish and to the culture of Spanish-speaking regions.

SPAN 1002 Elementary Spanish II 3/0/3

Prerequisite: SPAN 1001 with a grade "C" or better or equivalent

Continued listening, speaking, reading and writing in Spanish and further study of the culture of Spanish-speaking regions.

SPAN 1410 Spanish for Medical Careers 3/0/3

This course is designed to give students a basic foundation in Spanish vocabulary related to the health care professions.

- SPAN 1420 Spanish for Law Enforcement** 3/0/3
 Prerequisite: SPAN 1001 or instructor's approval
 This course will introduce students to the specialized vocabulary that is needed by people in the law enforcement field. It will also provide students with opportunities to use this knowledge in practical situations.
- SPAN 2001 Intermediate Spanish I** 3/0/3
 Prerequisite: SPAN 1002 with a grade "C" or better or equivalent
 Continued development of speaking, listening, reading, and writing. Vocabulary, grammatical structures, and culture are taught through communicative activities and readings.
- SPAN 2002 Intermediate Spanish II** 3/0/3
 Prerequisite: SPAN 2001 with a grade "C" or better or equivalent
 Continued development of conversational and writing skills, grammar review, and the development of reading skills using literary and journalistic texts.
- SPAN 3030 Introduction to Hispanic Literature** 3/0/3
 Prerequisites: SPAN 3101, 3102
 Catalog description: A study of the development of Peninsular and Latin American writers from their beginnings to the present. Focus on literary movements and historic context with readings from pre-Columbian poetry, Sor Juana, Bernal Diaz, Las Casas, Sarmiento, Darío, Storni, Neruda, Borges, García Márquez, Fuentes, Ferré, El Cid, Lope de Vega, Unamuno, Bécquer, Lorca, Cela, Montero and Tusquets.
- SPAN 3101 Spanish Conversation** 3/0/3
 Prerequisite: SPAN 2002
 Intensive practice of spoken Spanish, vocabulary expansion, and development of idiomatic expressions. Use of contemporary cultural readings from newspapers and journals, broadcasts, slide presentations, and topical lectures by native speakers.
- SPAN 3102 Spanish Composition** 3/0/3
 Prerequisite: SPAN 2002
 Grammar review, vocabulary expansion, and writing practice based on contemporary and cultural topics.
- SPAN 3450 Spanish for Business** 3/0/3
 Prerequisite: SPAN 2001 or instructor's approval
 Spanish for Business is designed to give students a basic foundation in Spanish business vocabulary, geographical and cultural concepts, and situational practice so that they can be aware of the way business is conducted in today's Spanish-speaking business environment.
- SPAN 4003 Latin American Novel** 3/0/3
 Prerequisite: SPAN 3101, 3102
 A detailed study of early and contemporary Spanish-American novels. Students will study contemporary ideas in art and expression as well as social and economic issues illustrated in these texts. Readings will vary, but may include works by Lizardi, Azuela, Asturias, Cortázar, Fuentes, Carpentier, García Márquez, Allende, Esquivel, and others.

- SPAN 4004 Hispanic Drama** **3/0/3**
 Prerequisite: SPAN 3101, 3102
 An introduction to Hispanic theater through the ages. It includes readings from the works of Lorca, Buero Vallejo, Casona, Sastre, Buenaventura, Solórzano, Carballido, Gorostiza and others. These will be considered in their historical and contemporary contexts.
- SPAN 4006 Latin American Poetry** **3/0/3**
 Prerequisite: SPAN 3101, 3102
 An introduction to some of the major poetry produced in Spanish-America. A complete study of major trends in Spanish-American poetry from Spanish Modernism to Postmodernism. Analysis of representative works by Mistral, Vallejo, Huidobro, Guillén, Neruda, Paz, and others.
- SPAN 4007 Latin American Short Story** **3/0/3**
 Prerequisite: SPAN 3101, 3102
 A study of the short story in Spanish America with representative readings from different countries and different literary periods. Authors include Quiroga, Borges, Rulfo, Cortázar, García Márquez, Ferré, Valenzuela, Bombal, and others.
- SPAN 4012 Spanish Culture and Civilization** **3/0/3**
 Prerequisite: SPAN 3101, 3102
 A study of ancient and modern history, culture, and contemporary lifestyle in Spain. Readings and discussion on the cultural contributions of Spain to Western civilization.
- SPAN 4013 Latin American Culture and Civilization** **3/0/3**
 Prerequisite: SPAN 3101, 3102
 A study of ancient and modern history, culture, and contemporary lifestyle in Spanish America.
- SPAN 4040 Spanish Linguistics** **3/0/3**
 Prerequisite: SPAN 3101, 3102 or instructor's approval
 A study of linguistics as applied to the Spanish language with a concentration in phonetics, morphology, and semantics.
- SPAN 4170 Advanced Language Skills** **3/0/3**
 Prerequisite: SPAN 3101, 3102
 A comprehensive course designed to promote proficiency in speaking, listening, reading, and writing.
- SPAN 4200 Hispanic Film and Literature** **3/0/3**
 Prerequisite: SPAN 3101, 3102
 A comparative approach to the study of Spanish and Spanish-American literature and its cinematic adaptation and/or a thematic approach to selected literary text and films.
- SPAN 4205 Hispanic Literature and Culture in Context**
 Prerequisite: SPAN 3101, 3102
 Literary analysis of fiction, essays, poetry, or drama representing a cultural theme. Topic varies.

- SPAN 4210 Modern Spanish Novel** 3/0/3
 Prerequisite: SPAN 3101, 3102
 A study of nineteenth- and twentieth-century novels, including Valera, Galdós, Unamuno, Valle-Inclán, and Azorín. Also includes post-war and contemporary novels by Cela, Laforet, Matute, Goytisolo, Delibes, C. Rojas, Mayoral, Rosa Montero, Muñoz Molina, and Luis Landero.
- SPAN 4240 Spanish Short Story** 3/0/3
 Prerequisite: SPAN 3101, 3102
 A study of the short story in Spain from its beginnings to the contemporary period, with readings from writers such as Don Juan Manuel, Cervantes, Larra, Bécquer, Pardo Bazán, Unamuno, Valle Inclán, Laforet, Cela, Martín Gaité, and Díaz Más.
- SPAN 4250 Translation** 3/0/3
 Prerequisite: SPAN 3101, 3102
 An introduction to the basic principles of translation. Exercises will include translation from the basic level (phrases and sentences) to intermediate (paragraphs) and advanced levels (short stories and other texts representative of various academic disciplines).
- SPAN 4260 Modern Spanish Poetry** 3/0/3
 Prerequisite: SPAN 3101 or 3102, or instructor's approval
 Selected readings of Unamuno, Juan Ramón Jiménez, Antonio Machado, Generation of 1927, Aleixandre, Pedro Salinas, Jorge Guillén, Federico García Lorca, Dámaso Alonso, Rafael Alberti, Miguel Hernández, and poetry of the post-war period and democratic Spain.
- SPAN 4280 The Spanish Golden Age** 3/0/3
 Prerequisite: SPAN 3101, 3102
 A study of the poetry, prose, and drama of the Golden Age (16th and 17th centuries) in Spain, including works by Fray Luis, Garcilaso, Góngora, Quevedo, Cervantes, Calderón, and Lope de Vega.
- SPAN 4484 Senior Capstone** 1 credit
 Prerequisite: 9 credit hours of major courses above the 2002 level.
 Students will prepare an electronic portfolio and a web page in which they will assess their linguistic and cultural knowledge. At least 51 percent of this course will be on-line. This format will ensure that the student has the ability to use current technology and a wide range of resources used in the modern workplace, the language classroom and graduate school. Students will be required to pass an oral proficiency interview.
- SPAN 4785 Special Topics in Spanish** var. 1-3
 Prerequisite: Consent of department chair
 Readings, reports, and/or directed study abroad

GEOSCIENCES

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with Programs in Geology, Earth Science and Geography

Professors, J. Bartley, D. Bush, T. Chowns, C. Hollabaugh (Chair), R. Kath; **Associate Professors**, R. Dodge, J. Mayer, J. Seong; **Assistant Professors**, C. Berg, G. DeWeese, H. Gerhardt, P. Novack-Gottsholl, A. Walter

Geology is the study of the earth. Geologists explore worldwide for vital supplies of water, oil, gas, coal, kaolinite, gold, aluminum, and other natural resources. We strive to balance the exploration for these essential materials with the related goal of maintaining or improving the environmental quality of the earth. To accomplish these goals, geologists study the origin and evolution of the earth and the physical, chemical and biological processes which have produced minerals, rocks, and fossils within and on the surface of the earth.

Geography is the study of place and is both a social science and a natural science. It is an integrative discipline which attempts to understand the location, distribution, and interrelationships of man-made (cultural) and physical (natural) phenomena over the earth's surface. Modern geography, therefore, is a spatial science, and the activity of the modern geographer is spatial analysis.

The Department of Geosciences emphasizes field-oriented education, close student-faculty interaction, and shared utilization of all equipment. Students work closely with faculty members on independent student projects and on faculty-sponsored research, and many students present their research findings at state, regional, and national conferences.

Five degree plans are offered in the Department of Geosciences. The B.S. Degree in Geology is designed for students planning professional careers as geologists either with or without a graduate degree. The B.S. Degree with an Engineering Option is designed for students who want to combine their geologic training with a degree in Engineering. The B.S. Degree in Earth Science prepares and certifies students for teaching careers. Two degree options are available in the Geography program: the B.A. Degree in Human Geography, and the B.S. Degree in Physical Geography prepare students for careers in geography and related fields.

Geology, Earth Science, and Geography graduates are well-prepared for immediate employment in the private sector; for employment in government service at the local, state or federal level; for teaching careers; or for continued study in graduate school.

B.S. Degree with a Major in Geology

Learning Outcomes

The learning outcomes degree programs in geoscience can be found on the web at: <http://www.westga.edu/~geosci/Academics/Program>

	Hours
Core Areas A, B, C, D, and E: See University of West Georgia Core Curriculum requirements (Note: Core Area A must include MATH 1113; Core Area D must follow Option II)	42
Area F GEOL 1121+1121L, GEOL 1122+1122L, CHEM 1211K. Choose one from: BIOL 1107+Lab, CHEM 1212+Lab, MATH 1634, 2644, PHYS 1111, 1112, 2211, 2212	18
Geology core required of all majors	30
GEOL 3004 Field Geology	4
GEOL 3014 Mineralogy	4
GEOL 3024 Igneous/Metamorphic Petrology	4
GEOL 3034 Structural Geology	4
GEOL 3042 Optical Mineralogy	2

GEOL 3053 Sedimentary Petrology	3	
GEOL 4024 Paleontology	4	
GEOL 4063 Plate Tectonics	3	
GEOL 4082 Independent Research	1	
GEOL 4501 Geology Seminar	1	
Other major requirements depending on plan		
Plan A: Pre-Graduate School Concentration		30
CHEM 1212 Principles of Chemistry II (if not taken in core)	0-4	
MATH 1634 (if not taken in core)	0-4	
MATH 2644 (if not taken in core)	0-4	
GEOL 2002 Applied Computing in Geosciences	2	
GEOL 4014 Geochemistry	4	
GEOL 4033 Stratigraphy and Geochronology	3	
GEOL 4404 or 4084	4	
Approved Electives		5-17
Plan B: Pre-Professional Concentration	30	
PHYS 1111 (if not taken in core)	0-4	
MATH 1634 (if not taken in core)	0-4	
MATH 2063	3	
GEOL 2002 Applied Computing in Geosciences	2	
GEOL 4083 Environmental Geochemistry	3	
GEOL 4044 Engineering Geology	4	
GEOL 4084 Hydrogeology	4	
GEOG 4553 or 3563 GIS or Remote Sensing	4	
Approved Electives	2-10	
Plan C: Environmental Geology		30
BIOL 1107+Lab (if not taken in core)	0-4	
BIOL 1108+Lab (if not taken in core)	0-4	
CHEM 1212 (if not taken in core)	0-4	
GEOL 2002 Applied Computing in Geosciences	2	
MATH 2063	3	
GEOL 4083 Environmental Geochemistry	3	
GEOL 4084 Hydrogeology	4	
GEOG 4553 GIS	4	
Approved Electives		2-14
Plan D: General Geology degree		
Approved Electives	30	

Approved Electives (plans A, B, C, D)

All upper division geology courses. Physical Geography courses (GEOG 3503, GEOG 3563, GEOG 3713, GEOG 3723, GEOG 4103, GEOG 4403, GEOG 4553).

Other science and math courses approved by advisor.

**B.S. Degree with a Major in Geology
(Geologic Engineering Option)** (see page 204)

**B.S. Degree with a Major in Earth Science
(For Certification in Secondary Education)**

	Hours
Core Areas A, B, C, D, E (see pages 128-134)	42
Area A must have MATH 1113 or higher	
Area D must have Option II (GEOL 1121-1122; 1121L-1122L recommended)	
Area D must have MATH 1634	
Area F	18
GEOL 1121-1122; GEOL 1121L-1122L, if not taken in area D (0-8 hours)	
CHEM 1211K Principles of Chemistry I (0-4 hrs.)	
Two of the following: CHEM 1212K; PHYS 1111, PHYS 1112, BIOL 1107, BIOL 1108 (0-8 hrs)	
MATH 1113 Precalculus (1 of 4)	
MATH 1634 Calculus (1 of 4)	
ASTR 2313/2313L (4)	
Total Core Hours	60
Requirements for the Major	60
Lower Division Courses Required	11-14
MEDT 2401 Intro to Instructional Technology.	0-3*
SEED 2271 Intro to Secondary Education	3
SPED 2706 Intro to Special Education	3
CEPD 2102 Developmental Psychology	2
GEOL 2503 Oceanography	3
Upper Division Courses Required	42-43
GEOL 3014 Mineralogy	4
GEOL 4024 Paleontology or GEOL 4103 Dinosaurs	3-4
GEOL 3004 Field Methods	4
GEOL 4033 Stratigraphy & Geochronology	4
GEOL 4203 Geology of Georgia	3
GEOG 3713 Weather and Climate	3
CEPD 4101 Educational Psychology	3
SEED 4271 Curriculum	3
SEED 4242 Instructional Strategies	4
SEED 4284 Teaching Internship	9
SEED 4289 Internship Seminar	3
Approved Science Electives***	3-7

** *May exempt by examination*

*** *Students should consult their advisor to choose electives appropriate for Praxis II exam.*

B.A. Degree with a Major in Geography

Learning Outcomes

The list below represents the major learning objectives of the B.S. Degree in Geography. Upon graduating from the Department of Geosciences, every student with a bachelor's degree in Geography should be able to do the following:

- Recognize historical and contemporary perspectives of the discipline
- Demonstrate an understanding of concepts and vocabulary basic to geography
- Perform qualitative and quantitative analyses of geographic phenomena
- Demonstrate a fundamental awareness of geographic dimensions to human

and physical processes and conditions		
•	Explain processes of political, economic, and cultural difference within and between human societies	
•	Demonstrate fundamentals of cartography and geographic information systems	
•	Demonstrate competence in the manipulation and analysis of spatial data	
•	Demonstrate understanding of physical processes at the earth's surface	
•	Characterize global human and physical environments	
•	Demonstrate the fundamentals of remote sensing and image processing	
CORE REQUIREMENTS		Hours
Core Areas A, B, C, D, E (see Core Curriculum requirements)		42
Area F		18
One of the following	3	
GEOG 2083 Introduction to Geographical Analysis		
MATH 2063 Introductory Statistics		
Foreign Languages 2002	3	
GEOG 2553 Fundamentals of Mapping Science	3	
Any courses 2000 or below from: ANTH, ECON, ENVS, Foreign Languages, GLOB, HIST, PHIL, PLAN, POLS, SOCI	9	
Total Core Hours		60
REQUIREMENTS FOR THE MAJOR		
Must have at least 39 total hours from courses 3000 or above, 21 of which must be taken in Geography.		
Lower-Division Requirements		6-15
GEOG 1013 World Geography (if not taken in the core)	0-3	
One of the following (if not taken in the core):	0-3	
GEOG 1111 Introduction to Physical Geography		
GEOG 1112 Weather and Climate		
GEOG 1113 Landform Geography		
GEOG 2083 Introduction to Geographical Analysis (if not taken in the core)	0-3	
GEOG 2010 Political Geography	3	
GEOG 2503 Cultural Geography	3	
Upper-Division Requirements		28
GEOG 3253 Economic Geography	3	
GEOG 3643 Urban Geography	3	
GEOG 4084 Senior Seminar: Why Geography Matters	3	
GEOG 4553 Geographic Information Systems	4	
One of the following:	3	
GEOG 3010 Rethinking Geopolitics		
GEOG 3085 Selected Topics in Regional Geography		
GEOG 3644 Atlanta's Geographies		
GEOG 4013 Globalization		
GEOG 4503 Culture, Space, and Place		
GEOG courses 3000 or above	12	
Electives		17-26
Minor (optional) and/or electives		

At least 11 hours from courses 3000 or higher

Major	60
Total	120

B.S. Degree with a Major in Geography

Learning Outcomes

The list below represents the major learning objectives of the B.S. Degree in Geography. Upon graduating from the Department of Geosciences, every student with a bachelor's degree in Geography should be able to do the following:

- Recognize historical and contemporary perspectives of the discipline
- Demonstrate an understanding of concepts and vocabulary basic to geography
- Perform qualitative and quantitative analyses of geographic phenomena
- Demonstrate a fundamental awareness of geographic dimensions to human and physical processes and conditions
- Explain processes of political, economic, and cultural difference within and between human societies
- Demonstrate fundamentals of cartography and geographic information systems
- Demonstrate competence in the manipulation and analysis of spatial data
- Demonstrate understanding of physical processes at the earth's surface
- Characterize global human and physical environments
- Demonstrate the fundamentals of remote sensing and image processing

	Hours
Core Areas A, B, C, D, E (see pages 128-134)	42
Area A must have MATH 1113 or higher	
Area D must have Option II	
Area F	18
One of the following:	3
GEOG 2083 Introduction to Geographical Analysis	
MATH 2063 Introductory Statistics	
MATH 1634 Calculus (if not taken in the core)	0-4
GEOG 2553 Fundamentals of Mapping Science	3
Computer Introduction/Applications from the following:	2-3
CISM, CS, GEOG, GEOL, XIDS	
Any lab sciences 2000 or below from	8
BIOL, CHEM, GEOG, GEOL, PHYS	
Any courses 2000 or below	0-4

REQUIREMENTS FOR THE MAJOR

Must have at least 39 total hours from courses 3000 or above, 21 of which must be taken in Geography. Must concentrate in Physical Geography or Geographic Information Systems.

Lower-Division Requirements

GEOG 1013 World Geography (<i>if not taken in the core</i>)	0-3	0-14
GEOG 1112 Weather and Climate (<i>if not taken in the core</i>)	0-3	

GEOG 1112L Weather and Climate Lab <i>(if not taken in the core)</i>	0-1
GEOG 1113 Landform Geography <i>(if not taken in the core)</i>	0-3
GEOG 1113L Landform Geography Lab <i>(if not taken in the core)</i>	0-1
GEOG 2083 Introduction to Geographical Analysis <i>(if not taken in the core)</i>	0-3

Upper-Division Requirements 28

GEOG 4084 Senior Seminar: Why Geography Matters	3
GEOG 4553 Geographic Information Systems	4
Two of the following:	6
GEOG 3713 Meteorology	
GEOG 3723 Physiography of the United States	
GEOG 3563 Introduction to Remote Sensing	
GEOG 4103 Geography of Soils and Water	
GEOG 4700 Global Environmental Change	
GEOL 4003 Geomorphology	
GEOG courses 3000 or above	15

Electives 18-32

Minor (optional) and/or electives
At least 11 hours must be from courses 3000 or higher

Geographic Information Systems

Lower-Division Requirements 0-9

GEOG 1013 World Geography (if not taken in the core)	0-3
One of the following <i>(if not taken in the core)</i> :	0-3
GEOG 1111 Introduction to Physical Geography	
GEOG 1112 Weather and Climate	
GEOG 1113 Landform Geography	
GEOG 2083 Introduction to Geographical Analysis <i>(if not taken in the core)</i>	0-3

Upper-Division Requirements 27

GEOG 3563 Introduction to Remote Sensing	4
GEOG 4084 Senior Seminar: Why Geography Matters	3
GEOG 4553 Geographic Information Systems	4
GEOG 4554 Computer Cartography	4
GEOG 4562 Airphoto Interpretation and Photogrammetry	4
GEOG 4564 Introduction to Image Processing	4
GEOG 4753 Advanced GIS and Spatial Analysis	4

Electives 24-33

Minor (optional) and/or electives
At least 12 hours must be from courses 3000 or higher
Students can take up to six hours of GEOG 4086

Major	60
Total	120

REQUIREMENTS FOR A MINOR IN GEOLOGY

Any 15 hours of courses in Geology numbered 3000 or above.

REQUIREMENTS FOR A MINOR IN GEOGRAPHY

Any 15 hours of courses in Geography numbered 3000 or above.

REQUIREMENTS FOR A MINOR IN GEOGRAPHIC INFORMATION SYSTEMS

Students pursuing a BS Degree in Geography with a concentration in Geographic Information Systems may not earn the minor.

Required courses:		12
GEOG 4553	Geographic Information Systems	4
GEOG 4564	Introduction to Image Processing	4
GEOG 4753	Advanced GIS and Spatial Analysis	4
One of the following:		3-4
GEOG 4554	Computer Cartography	4
GEOG 4562	Airphoto Interpretation and Photogrammetry	4
GEOG 4086	Internship	3
GEOG 3563	Introduction to Remote Sensing	4
Total		15

GEOGRAPHY COURSES (GEOG)**GEOG 1013 World Geography 3/0/3**

An introductory survey of world geography with attention given to demographic, political, cultural, economic, and environmental characteristics of regions of the world. Especially recommended for education majors.

GEOG 1111 Introduction to Physical Geography 3/0/3

An introduction to physical geography, surveying weather, climate, vegetation, soils, land forms, water resources, and their spatial interrelationships and distributions. Same as ENVS 1111.

GEOG 1112 Weather and Climate 3/0/3

An introduction to weather and climate including influences on the biosphere (ecosystems and biomes). This course looks at local, regional, and global geographic relationships among atmospheric and biospheric systems, including an introduction to climate change. The completion of and/or exemption from learning support reading (READ 0099 Improvement of Reading) is a condition of enrollment in this class.

GEOG 1112L Weather and Climate Lab 0/2/1

An introduction to weather and climate including influences on the biosphere (ecosystems and biomes). This course looks at local, regional, and global geographic relationships among atmospheric and biospheric systems, including an introduction to climate change. Students will engage in hands-on, field-based environmental observations in the laboratory.

- GEOG 1113 Landform Geography** 3/0/3
 An introduction to Earth-surface processes and landforms. Students will observe and interpret a variety of landscapes in terms of the fundamental processes and factors that have shaped them through time, including water, wind, and tectonic forces. The completion of and/or exemption from learning support reading (READ 0099 Improvement of Reading) is a condition of enrollment in this course.
- GEOG 1113L Landform Geography Lab** 0/1/1
 An introduction to Earth-surface processes and landforms. Students will observe and interpret a variety of landscapes in terms of the fundamental processes and factors that have shaped them through time, including water, wind, and tectonic forces. Students will engage in hands-on, field-based observations in the laboratory. Students will gain experience in the interpretation and integration of geospatial information including topographic and geologic maps, as well as aerial photographs and satellite imagery.
- GEOG 2010 Political Geography** 3/0/3
 Prerequisite: GEOG 1013 or consent of instructor
 A foundations course which looks at the basis of political territory, international law, and boundaries both on the land and on the sea. This course identifies basic geopolitical units and their geographical expression including states, nation-states and supranational territories, and identifies the rules that govern sovereignty, territorial definition and international interactions at the borders. Special attention is given to the concept of nationalism and its role in redefining the contemporary global map.
- GEOG 2083 Introduction to Geographical Analysis** 3/0/3
 An introduction into the practice of geographic research. The course takes a comprehensive approach to the research process in geography, including the development and formulation of research questions, the role of academic literature, identifying and working with relevant data sources, the application of qualitative methods of data collection and analysis, and written and oral presentation of research findings.
- GEOG 2253 Geographies of Economic Development** 3/0/3
 This course explores the process of economic development under conditions of globalization. The focus is upon developmental theory, development and underdevelopment, debt and indebtedness, the construction of "The Third World", and the creation of economic dependency. Special attention is paid to "developing" areas of the world, including Latin America, the Caribbean, Africa, South Asia, and others, where regionalized and national economic developmental theories, developed in the post World War II era, have subsequently challenged the so-called Washington Consensus and American development discourses.
- GEOG 2503 Cultural Geography** 3/0/3
 A study of the earth as the home of man, emphasizing the spatial and functional complexes of human geography. Topics to be considered are population, settlement form, the settling process, resources, economics, and political societal organizations.

GEOG 2505 Human Impacts On The Environment 3/0/3

This course examines the extent to which human activities have altered the natural environment-how much they have influenced animal species, vegetation systems, soils, water bodies and their quality, regional geomorphology, and the atmosphere. In addition to examining the negative impacts of human activities, the course will also examine policies and programs that have been proposed and implemented to correct several of the problems created. The course also introduces the global extent of human environmental impact.

GEOG 2553 Fundamentals of Mapping Science 3/0/3

An introduction to mapping and geospatial sciences. Topics include map projections, land partitioning systems, map reading, map analysis, GPS, map making, and introductory GIS and remote sensing. This course will guide students to mapping sciences and emerging geospatial technologies.

GEOG 3010 Rethinking Geopolitics 3/0/3

Prerequisite: GEOG 1013 or consent of instructor

This course analyzes the field of contemporary geopolitical theory and the new "critical geopolitics." Beginning with an exploration of geopolitics in the late 19th century, the course identifies the way in which strategic worldviews have influenced geographical thinking at all levels. It then turns to discussion of contemporary critical geopolitics or the field of inquiry based upon reassessment of discursive elements in classic political, territorial and strategic thought during the late 20th century.

GEOG 3085 Selected Topics in Regional Geography 3/0/3

Prerequisite: GEOG 1013 or consent of department

Analysis of resource endowments, patterns of occupancy, and aspects of economic and political organization in different regions. The course may be repeated for additional credit with differing content. Title will be supplied at the time of offering.

GEOG 3253 Economic Geography 3/0/3

Prerequisite: GEOG 1013 or consent of department

A study of the spatial organization of economic activities. Introduces and critiques theories of location and economic development and structural relationships among economic activities.

GEOG 3300 Population Geography 3/0/3

Prerequisite: GEOG 1013 or consent of instructor

This course in population geography introduces the basic methods of demography as well as the impacts population dynamics have on society and its economy through time and space.

GEOG 3563 Introduction To Remote Sensing 2/4/4

This course is an introduction to remote sensing of land, ocean, and atmosphere, including the response of earth materials to electromagnetic radiation, sensors and systems for earth observations, interpretation of imagery, mapping for environmental assessment, resource exploration, oceanographic, and other applications.

- GEOG 3643 Urban Geography** 3/0/3
Introduction to urban processes and patterns, including: global urbanization and the origin of cities; urban hierarchies and systems of cities; global cities; uneven economic growth and the functional specialization of cities; economic restructuring, migration, regional policies, dynamics of urban property markets; changes in population, job, location, housing, mobility and neighborhoods; ethno-cultural diversity, and spatial inequalities; and planning, politics, and policy issues in North American cities.
- GEOG 3644 Atlanta's Geographies** 3/0/3
Prerequisite: GEOG 3643 or consent of the instructor
This course examines the geographic dimensions of the city of Atlanta and its metropolitan region. Students will gain an understanding of the historical, urban, social, economic, political, and physical patterns and processes shaping the city and metro area at different geographic scales: at the local and metro scales, the city's growth and internal structure; at the regional scale, the city's role in the American South; and at the national and global scales, the city's dynamic position in wider urban, economic, and social systems.
- GEOG 3713 Meteorology** 3/0/3
Prerequisite: GEOG 1112, 1112L
An introduction to basic meteorological elements, air masses, fronts, severe weather, and weather map analysis. Also includes a survey of world climates.
- GEOG 3723 Physiography of United States** 3/0/3
Prerequisite: GEOG 1111 or consent of the department
A study of the physiographic regions of the United States, including the genesis and distributional patterns of major regional landforms, soils, and vegetation. Emphasis is placed on the cartographic interpretation of regional features.
- GEOG 3800 Biogeography** 3/0/3
Prerequisite: One of the following: GEOG 1111, 1112; GEOL 1121, 1122; BIOL 1010; ANTH 1102; or permission of instructor
Biogeography is the subdiscipline of Geography that deals with the distribution, ranges, and limits of plants and animals over space and time. This class will focus on the processes and patterns of plant distribution in the contemporary landscape, stressing the development of North American vegetation. The course will cover topics in evolution as it relates to Quaternary migration and distribution, North American biomes, disturbance ecology, invasive species, environmental stewardship, climate change, and field methods.
- GEOG 4013 Globalization** 3/0/3
Prerequisites: GEOG 1013 (World Geography) or consent of instructor
This course offers a survey and analysis of the multiple dimensions (economic, political, cultural, environmental, urban, ideological) of globalization and its role in shaping contemporary world geographies. The course will situate globalization in the context of capitalism's historical and geographical development and will focus on the changes and processes that have shaped world geographies since the late 1960s. Students will acquire both empirical and theoretical understandings by studying competing concepts and explanations of globalization and its impacts and applying them to current day events and issues.

- GEOG 4082 Directed Problems** 3/0/3
- GEOG 4084 Senior Seminar: Why Geography Matters** 3/0/3
 Prerequisites: Senior standing or consent of instructor
 A capstone course for Geography majors focusing on the integration and application of geographic concepts, theories, and techniques in the context of selected contemporary issues, events, or processes. Also includes an overview of the discipline's history as well as current intellectual developments.
- GEOG 4086 Internship** 3/0/3
- GEOG 4103 Geography of Soils and Water** 3/0/3
 Prerequisite: GEOG 1111 or consent of department
 A survey of water and soil resources including process formation and the distributional characteristics of water features and soil types.
- GEOG 4503 Culture, Space, and Place** 3/0/3
 Prerequisites: GEOG 2503 or consent of instructor
 This seminar explores cultural geography from a critical perspective. Students are asked to consider the relationship between culture and development, post-colonial cultural theory, gender and race, feminist theory, cultural hybridity and globalization, and the new cultural spaces of the 21st century. The focus is upon identifying the geographical dimensions of conflicts underlying the construction of culture, understanding culture as a discursive project, and appreciating culture as a power relationship.
- GEOG 4553 Geographic Information Systems** 2/4/4
 Prerequisites: GEOG 2553 or Instructor Permission
 An introduction to the use of Geographic Information Systems, including GIS theory, data input, spatial analysis, and final output. Same as ENVS 4553.
- GEOG 4554 Computer Cartography** 2/4/4
 Prerequisites: GEOG 4553 or Instructor Permission
 Laboratory instruction and practice in the basic technique of computer-assisted map design, production, and analysis.
- GEOG 4562 Airphoto Interpretation and Photogrammetry** 4/0/4
 Prerequisites: GEOG 4553, or Instructor Permission
 Study on airphoto interpretation and photogrammetry. Topics include digital airphotos, correcting airphoto distortions, orthophoto generation, stereoscopy and DEM generation, airphoto interpretation techniques, and mapping with airphotos.
- GEOG 4564 Introduction to Image Processing** 2/4/4
 Prerequisite: GEOG 3563 or consent of instructor
 This course is an introduction to digital image processing techniques, including image enhancement, classification, georeferencing, mosaicking, and change detection. Laboratory exercises will emphasize project-oriented applications, will include field observations, GIS data integration, map composition, and final project presentations.

GEOG 4700 Global Environmental Change 3/0/3

Prerequisite: 6 hours of science courses

This is an advanced course on the evidence for, and theories of, environmental variability over time. Students will become familiar with environmental change before and since the Industrial Revolution. Attention will be paid to natural environmental mechanisms and the human activities of industrial societies which modify them.

GEOG 4753 Advanced GIS and Spatial Analysis 4/0/4

Prerequisites: GEOG 4553 or Instructor Permission

An advanced course in GIS and geospatial data analysis. Topics include enterprise GIS applications, spatially-enabled RDBMS, advanced issues in GIS, organizational issues, GIS modeling, geostatistics, and contemporary geospatial techniques. Project required.

GEOLOGY COURSES (GEOL)

GEOL 1121 Introductory Geosciences I: Physical Geology 3/0/3

This introductory course acquaints students with basic geological concepts, processes, and earth materials and their effects on man and his environment. Emphasis is on processes shaping the surface of the earth (volcanoes, earthquakes, rivers, and glaciers) and the dynamic forces which move continents, build mountains, and create ocean basins.

GEOL 1121L Physical Geology Lab 0/2/1

This introductory course acquaints students with basic geological concepts, processes, and earth materials and their effects on man and his environment. Emphasis is on processes shaping the surface of the earth (volcanoes, earthquakes, rivers, and glaciers) and the dynamic forces which move continents, build mountains, and create ocean basins.

GEOL 1122 Introductory Geosciences II: Historical Geology 3/0/3

This course teaches students to use basic, modern geological and biological concepts to interpret earth history. It will acquaint them with the fossil evidence for tracing the origin and evolution of life. Emphasis is placed on developing a broad understanding of the origin and development of the earth and solar system, concepts of sea-floor spreading and plate tectonics, and the evolution of the atmosphere and life.

GEOL 1122L Historical Geology Lab 0/2/1

This course teaches students to use basic, modern geological and biological concepts to interpret earth history. It will acquaint them with the fossil evidence for tracing the origin and development of the earth and solar system, concepts of sea-floor spreading and plate tectonics, and the evolution of the atmosphere and life.

GEOL 1123 Environmental Observations

This course is designed to train students in the protocols required for certification to participate in the Global Learning and Observations to Benefit the Environment (GLOBE) Program. The class will provide basic background in the protocol areas of atmosphere, hydrology, soils, and land cover. Suitable for Area D1.

GEOL 1123L Environmental Observations Lab

The laboratory will include training in all the GLOBE basic protocols. Students will receive certification when they assume K-12 teaching responsibilities, and their schools will become participants in the international GLOBE program. Suitable for Area D1.

GEOL 2002 Applied Computing for the Geosciences 1/2/2

Prerequisite: MATH 1112 or MATH 1113 or consent of department

An introduction to computer hardware, software, and techniques used for acquiring, storing, analyzing, and presenting scientific data, particularly geologic and hydrologic data. Emphasis will be placed on commonly used and widely available software such as word processing, spreadsheets, and database programs, as well as mapping and drafting programs frequently used in the geosciences.

GEOL 2313 Descriptive Astronomy 3/0/3

Prerequisite: Same as ASTR 2313

A survey of sky awareness, historical development of astronomy, the solar system, stars, nebulae, and galaxies.

GEOL 2503 Introduction to Oceanography 3/0/3

This basic survey course introduces science and non-science majors to the biological, chemical, physical, and geological features of the oceans. The course will acquaint students with the topography and geologic history of the oceans, the concepts of sea-floor spreading, plate tectonics, atmosphere/ocean interaction, current movements, and biological and chemical aspects of the oceans. The course will also discuss sources of food, energy, and mineral resources, as well as environmental issues and the sea.

GEOL 2553 Geology of the National Parks 3/0/3

The study of the geologic processes that formed our national parks. Selected national parks and monuments are used to illustrate fundamental geologic processes such as volcanism, sedimentation, glaciation, stream and shoreline erosion, and crustal deformation among others. Same as ENVS 2553.

GEOL 3004 Field Geology and Geologic Mapping 3/2/4

Prerequisite: GEOL 1121 or GEOL 1122

A practical course that familiarizes students with basic instruments and techniques used by geologists to collect structural, stratigraphic, topographic and other data in the field.

- GEOL 3014 Mineralogy and Crystallography** 2/4/4
 Prerequisite: CHEM 1211, MATH 1113, GEOL 1121
 The origin and physical properties of the more common minerals and their crystal forms. Megascopic recognition of specimens, their mineral associations, and brief introductions to modern x-ray diffraction, crystal chemistry and economic mineralogy.
- GEOL 3024 Igneous And Metamorphic Petrology** 2/4/4
 Prerequisite: GEOL 3014, GEOL 3042
 A study of the classification and origin of igneous and metamorphic rocks. The geologic processes that form these rocks are studied by examining rock samples in the field and laboratory using hand sample, microscopic, and chemical techniques. Petrologic problems are studied at the local, regional, and global scales.
- GEOL 3034 Structural Geology** 2/4/4
 Prerequisite: GEOL 3014, GEOL 3004, MATH 1113, or consent of department
 The recognition, description, and interpretation of primary and secondary rock-structures. Laboratory and field periods will be spent using both graphical and instrumental techniques necessary for describing and interpreting common structural deformation features. In addition to laboratory and classroom examples, each student is required to complete a lithologic and structural mapping project.
- GEOL 3042 Optical Mineralogy** 0/4/2
 Prerequisite: GEOL 1121, 1121L; GEOL 1122, 1122L
 Students will be introduced to the polarizing microscope and to the techniques for the identification of minerals in thin section.
- GEOL 3053 Sedimentary Petrology** 2/2/3
 Prerequisite: GEOL 3014, GEOL 3042
 This course will explain the description, classification, and interpretation of sedimentary rocks. Using observations from modern sediments, hand specimens, and thin sections of sedimentary rocks, students will apply the principle of uniformity to interpret sedimentary processes and environments.
- GEOL 3603 Environmental Geology** 3/0/3
 Prerequisite: GEOL 1121 or consent of the department
 The interaction between human activity and geologic processes. The study includes natural hazards such as earthquakes, landslides, volcanoes, and flooding; human induced problems such as groundwater pollution, and erosion; and the exploitation of natural resources including rivers, shorelines, petroleum, and ores. Emphasis is placed on the understanding of underlying natural processes and the prediction and mitigation of problems.
- GEOL 4003 Geomorphology** 2/2/3
 Prerequisite: GEOL 1121, GEOG 1111 or consent of the department
 Characteristics, classification, genesis, and evolution of major earth surface features (land forms) and their associations (landscapes). The conceptual framework will involve understanding lithologic, structural, climatic temporal, and process controls. Includes applied aspects of humans as geomorphic agents and geomorphic processes as natural hazards. Topographic map and air photo interpretation will be stressed.

- GEOL 4014 Geochemistry** **3/2/4**
 Prerequisite: GEOL 1121 or CHEM 1211, 1222, or consent of department
 Chemical realms of the earth and geologic materials, chemistry of geologic processes, geochemical cycles, and special topics. Same as ENVS 4014.
- GEOL 4024 Paleontology** **3/2/4**
 Prerequisite: Upper division status or consent of department
 A study of the classification, biology, distribution, and diversity of major invertebrate animals with a fossil record. The course is designed to integrate modern biological concepts as applied to fossil organisms. Students will study fossil organisms to develop an understanding of the principles of evolution, stratigraphic correlation, and paleoecology.
- GEOL 4033 Stratigraphy and Geochronology** **2/2/3**
 Prerequisite: GEOL 1121 and 1122
 This course will examine the various ways to constrain time in the geologic record within the context of local, regional, and global change. During the course, students will explore aspects of tectonic, biological, and chemical evolution, mainly in sedimentary basins. Students will acquire broad knowledge of major stratigraphic tools and will understand their applications.
- GEOL 4044 Engineering Geology** **3/2/4**
 Prerequisite: GEOL 3004, GEOL 3034
 Introduction to principles of soil and rock mechanics. Discussion and experimental exercises ranging from basic field identification to advanced procedures for estimating soil rock mechanical properties.
- GEOL 4063 Plate Tectonics** **3/0/3**
 Prerequisite: GEOL 3024, GEOL 3034, or consent of department
 A study of the processes of crustal evolution by plate tectonics. Topics include a brief review of geophysical techniques, discussions of plate tectonics and sea-floor-spreading, and a survey of mountain-building processes through time. Students will also prepare for and take the Association of State Boards of Geology, Fundamentals of Geology professional licensing exam.
- GEOL 4074 Regional Applications of Field Geology** **0/8/4**
 Prerequisite: Consent of department
 An intense, four-week field excursion which provides a variety of field-oriented applications of major geologic principles. This course includes both regional syntheses of geological data and in-depth analysis of specific geological features and areas.
- GEOL 4082 Geological Problems** **var. 1-3**
 Prerequisite: Consent of department
 Detailed assignments in specific areas of geology. Satisfies deficiencies or permits in-depth pursuit of the student's research interests in particular geological topics. Title to be supplied at the time of offering.
- GEOL 4083 Environmental Geochemistry** **3/0/3**
 Prerequisite: GEOL 1121, CHEM 1211, or consent of department
 The geochemistry of the earth's lithosphere, biosphere, hydrosphere, and atmosphere and human modifications to these systems that cause environmental problems. Special topics include acid rain, Greenhouse effect, toxic trace elements, landfills, energy usage, and radon. Same as ENVS 4083.

- GEOL 4084 Hydrogeology** 3/2/4
 Prerequisite: GEOL 1121, MATH 1113, CHEM 1211
 An investigation of groundwater and the earth's hydrologic cycle. This course examines the physical aspects of groundwater occurrence and movement and provides an introduction to contaminant transport and chemical hydrology. Lab exercises will acquaint students with hydrogeology field methods and equipment.
- GEOL 4093 Risk Assessment** 3/0/3
 Prerequisite: Science sequence, or Science or Education Major
 A multi-disciplinary investigation into the major societal issue of increasing impacts of natural hazards. We will focus on property damage, but will also discuss loss of life caused by geologic hazards (earthquakes, landslides, volcanos) and meteorological hazards (hurricanes, tornadoes, floods) and other topics on intent (fires, technological hazards, biohazards). A major focus will be on social science issues of planning, politics, economics and their control on management of high hazard areas, vulnerability assessments, and mitigation. Same as ENVS 4093.
- GEOL 4103 Dinosaurs!** 3/0/3
 Prerequisites: Science sequence or Science Major or Education
 A multi-disciplinary investigation into the morphology, classification, and identification of the dinosaurs, the environmental, climatic, and geographic conditions on earth during the time of the dinosaurs, and the biological principles involved in understanding the origin, evolution, and extinction of the dinosaurs. Techniques for using dinosaurs to teach children of all ages the fundamentals of science will be explored.
- GEOL 4203 Geology of Georgia** 3/0/3
 Prerequisite: One course in geology or physical geography
 Directed toward science and science education majors, this course investigates the geology of the state of Georgia. Students learn fundamental geological principles necessary for deciphering Earth's history. Two field trips enable students to directly observe Georgia's geology.
- GEOL 4501 Geology Seminar** 1/0/1
 Prerequisite: Senior classification or completion of 20 hours of geology 3000 level or above
 A program of study, discussion, readings, and presentation of papers concerning the significant interrelationships of a wide variety of basic geological concepts. Advanced geology students, faculty, and outside speakers interact within a seminar framework designed to increase the geological maturity of the students.
- GEOL 4985 Selected Topic in Geology** var. 3-4
 Prerequisite: Consent of department
 Title and description of course to be specified at the time of offering. May be repeated for credit.

GLOBAL STUDIES
CALLOWAY 101 • 678-839-4070

<http://www.westga.edu/~global01/>

Coordinator: Andy Walter

Mission Statement: The educational mission of the Global Studies program is to promote an understanding of global awareness. The focus is to enable students to examine and explain global issues in an analytical framework which emphasizes the role of individuals in local communities and their relationship to the global society. Students will develop an understanding of and appreciation for their roles and responsibilities as citizens of the global community. The program offers one degree, a Bachelor of Arts (B.A.). This degree is appropriate for students who wish to join the global marketplace with careers in government, political organizations, journalism, private businesses, advocacy groups or non-governmental organizations. Likewise, it is appropriate for students planning on attending graduate or law school.

Learning Outcomes:

Students will demonstrate that they have developed

- An understanding of the interconnectedness of local and global events
- An understanding of the individual's role in local and global events
- An understanding of the basic theories and concepts of the sub-fields of global studies
- An understanding of the relationship between the basic theories and concepts of the sub-fields of global studies
- The ability to apply social science and scientific methods to practical problems within the discipline
- The ability to communicate their knowledge orally and in writing

B.A. Degree with a Major in Global Studies

	Hours
Core Areas A, B, C, D, and E (see pages 128-134)	42
Core Area F	18
CORE AREA F (Major Specific Courses)	18
I. Introduction to Global Studies (XIDS 2301)	3
II. Foundations of Global Studies	3-18
Courses under the 3000 level from the list below	
No more than 1 course from the same department	
ANTH 1100, 1102, 2001, 2002, 2100, 2104	COMM 1154
ART 2201, 2202	PHIL 2100, 2120
BIOL 1012, 1013	ASTR 2313
CS 1020	XIDS 2201, 2202
ENGL 2110, 2190	ENVS 1012, 2202
FORL 2200, 2300	SOC 1160, 1101, 2203
GEOG 1111, 1112, 1113, 2010 1013, 2503	ECON 2105, 2106, 2100
GEO 1222, 1121, 2313, 2503	HIST 1111, 1112
III. Foreign Language through 2002	MUSC 1100, 1110, 1120
Major Courses:	3-12

All majors must complete the senior capstone seminar	3	
Courses needed to complete the major can be taken in any of the following tracks:*	21	
Minor - All Global Studies majors must minor in a Foreign Language		12-15
Study abroad, taken either in major or foreign language minor	9	
Electives		9-15
TOTAL	120	

Track Options

1. Humanities/Social Sciences (select from the below)
2. Area Studies (examples include Latin America, Africa, Europe, Asia-select from the below)
3. Sciences (Select from the below)
4. Special Topics-Students can design their own course of study (examples include: Development Studies, the United Nations, Indigenous Peoples). Courses for this track must be approved by the Coordinator.

No courses in the program in which the student receives a grade lower than a "C" may count toward the major.

For Tracks 1-2:

Social Sciences

ANTH 3105 General Archaeology
 ANTH 3106 Physical Anthropology
 ANTH 3150 Indians of South America
 ANTH 3151 Seminar on Warfare
 ANTH 3156 Archaeology of Political Organizations
 ANTH 3157 Applied Anthropology
 ANTH 3158 Economic Anthropology
 ANTH 3180 Environmental Anthropology:
 ANTH 3184 Mesoamerican Archaeology
 ANTH 3186 Anthropology of Gender
 ANTH 4106 North American Indians
 ANTH 4115 North American Archaeology
 ANTH 4120 Indians of the Southeastern United States
 ANTH 4132 Human Life Cycle in Cross-Cultural Perspective
 ANTH 4134 Animals and Culture
 ANTH 4144 Peoples and Cultures of Latin America
 ANTH 4150 Human Evolution
 ANTH 4155 Peoples and Cultures of Sub-Saharan Africa
 ANTH 4170 Myth, Magic, and Religion
 ANTH 4173 Language and Culture
 ANTH 4175 Ethnohistory
 ANTH 4177 Social Organization

 XIDS 3300 Africana Studies

 GEOG 3010 Rethinking Geopolitics
 GEOG 3253 Economic Geography
 GEOG 4013 Globalization
 GEOG 4700 Global Environment Change

HIST 3311 Ancient Near East and Classical World

- HIST 3312 Near East in Middle Ages
HIST 3313 Near East in Modern Times
HIST 3315 Civilization of India
HIST 3318 African Society: The Precolonial Era
HIST 3321 Western Europe in the Middle Ages
HIST 3323 17th and 18th Century Europe
HIST 3324 Nineteenth-Century Europe, 1815-1919
HIST 3326 Colonial Latin America
HIST 3327 Latin America Since Independence
HIST 3341 The British Isles to 1603
HIST 3342 The British Isles Since 1603
HIST 3351 Imperial Russia
HIST 3361 American Diplomacy
HIST 3362 African-American History to 1865
HIST 3363 African-American History since 1865
HIST 4401 Theory and Practice of Oral History
HIST 4411 European Renaissance in Global Perspective
HIST 4412 The Reformation
HIST 4418 20th Century Europe
HIST 4419 The Cold War
HIST 4420 The Holocaust
HIST 4421 Mexico Since Independence
HIST 4424 Conflict and Interdependence
HIST 4430 The Vietnam War
HIST 4433 Introduction to Modern China
HIST 4436 French Revolution-Napoleon
HIST 4437 France since 1815
HIST 4440 Modern Germany
HIST 4443 Intro to Modern Japan
HIST 4446 Soviet Russia
HIST 4461 Environmental History
- PLAN 3703 Small Town and Rural Planning
POLS 3102 Women and Politics
POLS 3401 Comparative Politics
POLS 3501 International Relations
POLS 4209 Environmental Policy
POLS 4401 African Politics
POLS 4402 Russian Politics
POLS 4403 Latin American Politics
POLS 4501 International Law
POLS 4502 Gender and Ethnicity in International Politics
POLS 4503 International Organization
POLS 4601 Ancient and Medieval Political Thought
POLS 4602 Modern Political Thought
POLS 4603 American Political Thought
- PSYC 3010 Human Growth and Development
PSCY 3110 Human Sexuality
PSYC 3470 Existential Psychology
PSYC 3580 Holistic Health Psychology
PSYC 3730 Social Psychology
PSYC 3743 Collective Behavior/Social Movements

PSYC 4040 Psychology of Dreams
 PSYC 4130 Eastern and Transpersonal
 Psychologies
 PSYC 4140 Psychology of Gender
 PSYC 4290 Moral and Social Development
 PSYC 4350 Culture and Psychology
 PSYC 4650 Transpersonal Development

 SOCI 3100 Sociology of Humor
 SOCI 3263 Social Inequality
 SOCI 3273 Managing Cultural Differences
 SOCI 3603 Sociology of Gender
 SOCI 3733 Social Psychology
 SOCI 3743 Collective Behavior/Social Movements
 SOCI 4103 Women and Work
 SOCI 4323 Cultural and Racial Minorities
 SOCI 4513 Comparative Social Psychology
 SOCI 4623 Art, Media, Cultural Politics
 SOCI 4803 Environmental Sociology

 ECON 3410 Macroeconomic Policy
 ECON 3425 Economic Geography
 ECON 3430 World Economic History
 ECON 3440 History of Economic Thought
 ECON 4420 Labor Relations
 ECON 4450 International Trade
 ECON 4455 International Financial Economics
 ECON 4470 Comparative Economic Systems

The Humanities
 ART 4200 The Art of Greece and Rome
 ART 4201 History of Non-Western Art
 ART 4202 Early Christian, Byzantine, and
 Medieval Art
 ART 4204 Art of the Renaissance
 ART 4206 Art of Early Modern Europe: 1600-1850
 ART 4208 Modern and Contemporary Art

 COMM 3356 Film & Culture

 ENGL 3300 Studies in American Culture
 ENGL 4100 British Literature by Genre
 ENGL 4105 American Literature by Genre
 ENGL 4106 Studies by Genre
 ENGL 4109 Film as Literature
 ENGL 4110 Medieval Literature
 ENGL 4115 Renaissance Literature
 ENGL 4120 Seventeenth-Century British
 Literature
 ENGL 4125 Colonial and Early American
 Literature
 ENGL 4130 Eighteenth-Century British Literature
 ENGL 4135 British Romanticism
 ENGL 4140 American Romanticism
 ENGL 4145 Victorian Literature

ENGL 4150 American Realism and Naturalism
 ENGL 4155 Twentieth-Century British Literature
 ENGL 4160 Twentieth-Century American
 Literature
 ENGL 4165 Contemp. British & American
 Literature
 ENGL 4170 African-American Literature
 ENGL 4175 Studies in World Literature
 ENGL 4185 Studies in Literature by Women

 FORL 4300 Seminar in Global Studies

 MUSC 4300 Jazz History and Styles

 PHIL 2160 Philosophy and Literature
 PHIL 3100 Ancient and Medieval Philosophy
 PHIL 3110 Modern Philosophy
 PHIL 3130 Analytic Philosophy
 PHIL 3150 Existentialism
 PHIL 3200 Biblical Studies
 PHIL 3210 Christian Theology
 PHIL 3230 Philosophy of Religion
 PHIL 3240 World Religions
 PHIL 4115 Political Philosophy
 PHIL 4120 Professional Ethics

 THEA 3357 Theatre History I
 THEA 4457 Theatre History II

For track 3

The Sciences:

BIOL 3621 Genetics & Medical Genetics
 BIOL 4241 Entomology
 BIOL 4445 Marine Biology
 BIOL 4450 Terrestrial Ecology
 BIOL 4541 Plant Physiology
 BIOL 4727 Essentials of Immunology

 CHEM 4003 History and Philosophy of Science

 ENVS 3180 Environmental Anthropology
 ENVS 4803 Environmental Sociology

 GEOG 3253 Economic Geography
 GEOG 3563 Remote Sensing of the Environment
 GEOG 3713 Weather and Climate
 GEOG 4700 Global Environmental Change

 GEOL 3603 Environmental Geology
 GEOL 4024 Paleontology

 PHYS 3703 Physics, Energy, and the Environment

 XIDS 3200 History and Philosophy of Science

*Other special topics courses may be added with the permission of the Global Studies Committee

CERTIFICATE IN GLOBAL STUDIES

The purpose of the Global Studies certificate program is to provide an additional opportunity for students at UWG to gain specific training and academic experience to enable them to pursue further study and/or to gain access to employment in a variety of fields which are supported by the UWG and USG mission and goals. These include programs and courses such as Foreign Languages, Study Abroad, and the listed Global Studies courses which impart broad knowledge and foster critical understanding needed for intellectual growth, personal and social responsibility, cultural and global literacy, and life-long learning.

- A Certificate in Global Studies must be taken with a formal degree (major) program. Course work may be undertaken at two-year institutions but must be completed at a four-year university.
- A student may formally apply to enroll in the program with a GPA of 3.0 or higher and after successful completion of 30 hours of academic credit in the USG CORE requirements. Applications can be obtained from the Coordinator of the Global Studies Program.

REQUIREMENTS FOR A CERTIFICATE IN GLOBAL STUDIES:18 HOURS

XIDS 2301: Introduction to Global Studies	3 hrs
Approved Study Abroad Program(s)	0-6 hrs
Foreign Language*	
(upper level, may be taken as study abroad)	3-6 hrs
Approved Upper Level Courses (from catalogue)	3-6 hrs
GLOB 4186: Global Studies Internship	
(may apply to Study Abroad)	0-3 hrs
GLOB 4000: Global Studies Capstone	3 hrs

**If completed in conjunction with a study abroad component, add upper level courses to fulfill required hours.*

GLOBAL STUDIES COURSES (GLOB)

GLOB 4000 Capstone Seminar **3/0/3**

Prerequisite: XIDS 2301, senior status, and consent of instructor

This capstone seminar is designed to integrate the various experiences of students in their interdisciplinary endeavors. Depending on the particular academic tracks students have chosen as part of their program of study and relevant study abroad experiences, both of which will be represented in the portfolios students will bring to this class, specific aspects of globalization will be examined at an advanced level. Themes include population, health and food production, sustainable social and economic development, the global environment and natural resources utilization, human rights, work with displaced populations, empowerment of women, indigenous people, and children, education, culture, as well as aspects of the development of moral judgement and social consciousness as they pertain to globalization processes.

GLOB 4186 Internship in Global Studies **var. 1-9**

Prerequisite: XIDS 2301 and instructor's approval

Students may receive academic credit for personal experience in the field of global studies. Credit hours apply toward the major.

GLOB 4981 Directed Readings in Global Studies **var. 1-3**

Prerequisite: XIDS 2301, junior or senior standing, and instructor's permission

In-depth, individualized research on specific global problems and issues.

GLOB 4985 Problems in Global Studies 3/0/3

Prerequisite: XIDS 2301

Specialized areas of analysis in a sub-field of global studies with the specific titles announced in the class schedule and entered in the students' transcripts. Students may repeat the course for credit as topics change.

HISTORY

tlc 3200 • 678-839-6508

<http://www.westga.edu/~history/>

Professors, C. Clark, J. Goldstein, H. Goodson (Acting Chair), A. MacKinnon, E. MacKinnon, A. McCleary, R. Miller; **Associate Professors**, K. Bohannon, F. Cook, M. de Nie, T. Schroer; ; **Assistant Professors**, J. Anderson, K. Pacholl, J. Stephens, G. Van Valen, D. Williams, S. Wright

History majors should complete their history course core requirements before taking history courses numbered 3000 or above. They should meet each term with their major field advisors for consultation regarding their programs.

Learning Outcomes

Students completing the Bachelor of Arts degree in History will:

- Demonstrate a general knowledge of United States and world history
- Be able to classify and describe varieties of historical knowledge and demonstrate the relationship of geography to history
- Demonstrate an understanding of the major schools of historical thought (historiography) and a general understanding of historical causation
- Apply historical research methods to produce independent works through the use of primary and secondary sources and will be able to evaluate the results
- Demonstrate the ability to think critically about and to analyze selected historical materials
- Demonstrate the ability to communicate effectively both in written and oral form to a variety of audiences

B.A. DEGREE WITH A MAJOR IN HISTORY

	Hours
Core Areas A, B, C, D, and E (see pages 128-134)	42
Core Area D must include a laboratory course	
HIST 1111, 1112, 2111 and 2112 may be exempted by examination	
Core Area F	18
Foreign language, second year, or passing an exemption examination	0-6
HIST 1111 or 1112 or 2111 or 2112 (whatever has not been taken under area E, or exempted).	3-6
HIST 2302	
Courses selected from ANTH, CS, ECON, GEOG, XIDS, PHIL, POLS, PSYC, SOCI, and Statistics	

(no more than 6 hours from any one area)	3-12	
Courses required for the Degree		30-36
HIST 4484, at least one upper-level course in each of the following: U.S. history, European history, other areas: six additional electives, at least one at the 3000-level, and one focused on the pre-1800 period.		
Additional Electives, if exempted from surveys*		
Minor Field		15-18
Electives, all options		9-12
TOTAL	120	

Both HIST 2111 and 2112 must be taken by History majors unless exempt. Either course satisfies the state requirement. HIST 1111 and 1112 are also required of majors unless exempt. HIST 1111, 1112, 2111, and 2112 must be taken in Core Areas E and F.

**Students exempting History surveys must take higher level work; one course at the 4000-level, if both semesters are exempted.*

B.A. DEGREE WITH A MAJOR IN HISTORY

Secondary Education Certification

		Hours
Core Areas A, B, C, D, and E (see pages 128-134)		42
Core Area F		18
Foreign language, second year	0-6	
History, remainder of World or US		
Surveys	3-6	
HIST 2302 Methodology	3	
Approved Electives	0-6	
from Anthropology, Geography, Political Science, Economics, Sociology		
Requirements for the Major		30
HIST 4484 Senior Seminar	3	
HIST 4474 History of Georgia	3	
at least one upper-level U.S. History	3	
at least one upper-level European history	3	
at least one upper-level history about Latin America, Asia, or Africa	3	
five additional upper-level electives in history, chosen from at least two different areas (U.S. Europe, other areas)	15	
Professional Education		30
CEPD 2102 Developmental Psych	2	
MEDT 2410 Intro to Instructional Technology	3	
SEED 2271 Intro to Secondary Educ	3	
SPED 2706 Intro to Special Educ	3	
SEED 4271 Curriculum in Secondary Schools	3	
CEPD 4101 Educational Psychology	3	
SEED 4243 Instructional Strategies	4	
SEED 4286 Teaching Internship	9	

SEED 4289 Teaching Internship Seminar	3
Total Hours	120

REQUIREMENTS FOR A MINOR IN HISTORY 15-18

One additional course from either the United States History or the World History two-semester sequences (lower division)	3
Four additional upper-level history electives, chosen from at least two fields	12

REQUIREMENTS FOR A MINOR IN AFRICANA STUDIES

<http://www.westga.edu/~engdept/africanastudies>

The Africana Studies minor is a multidisciplinary program that combines the study, research, interpretation, and the dissemination of knowledge concerning the African presence in Africa, the Americas, and other parts of the world from the birth of human civilization to the present. This program of study introduces students to theoretical perspectives and empirical studies of Africa and the African Diaspora. Undergraduate work in Africana Studies prepares students for employment opportunities in a variety of professional careers or for graduate study in the humanities and social sciences. Students are also equipped for careers in education, research institutions, corporations, multicultural institutions, community outreach, human resources management, social services, and public policy. Students in business and the professions (law, medicine, etc.) particularly enhance their ability to deal with a culturally diverse clientele.

The Africana Studies minor requires fifteen (15) hours from the following:

Upper-Division Courses

AREA I (ENGL/HIST 3350)	3
AREA II (African-American) one humanities course and one social science course	6
AREA III (African, Caribbean and other Diaspora)	6
One humanities course and one social science course	

Total	15
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REQUIREMENTS FOR A MINOR IN AMERICAN STUDIES

<http://www.westga.edu/~engdept/americanstudies>

American Studies, as an area of academic study, employs the approaches and critical methods of a number of different academic disciplines to analyze the cultures and societies of the United States. Since its methods and perspectives are interdisciplinary, it often brings together scholarly tasks that have been separated by the structure of academic departments and courses, placing American Studies at the forefront of much educational and intellectual reform. Students and employers have found American Studies programs and courses to be particularly valuable preparation for graduate study in the humanities and social sciences or for professional careers in private industry, law, government and politics, journalism, publishing, research institutions, museums, public history, and teaching. In completing the minor, students will have access to the resources of numerous academic departments and courses, as well as the opportunity to develop relevant technological skills. The required introductory course (Studies in American Culture) introduces students to this field of study and provides an intellectual immersion into the critical methods that it employs.

See Dr. Steve Goodson, American Studies Program Coordinator (History Department), for specific details and for a list of approved courses.

The American Studies minor requires fifteen (15) hours from the following:

Lower-Division Course

ENGL 2130 OR HIST 2111 or 2112 3

NOTE: English majors must take HIST 2111 or 2112,
and History majors must take ENGL 2130.

Upper-Division Courses

ENGL/HIST 3300 0-3

Prerequisite: ENGL 2130, HIST 2111 or HIST 2112

3/4000-Level Electives 9-12

NOTE: A minimum of nine (9) hours chosen from *approved* upper-division courses in various disciplines. The program of study must include one upper-level course from English, one from History, and one from another discipline. English and History majors who opt for the American Studies minor will choose no upper-level elective from their major discipline, but will instead substitute a course from another discipline. English and History majors who take ENGL/HIST 3300 for the major must take an additional upper-level elective to satisfy the American Studies minor. See American Studies Program Coordinator for approval of upper-division courses.

Total

15

REQUIREMENTS FOR A MINOR IN LATIN-AMERICAN STUDIES

See page 140 for requirements.

HISTORY COURSES (HIST)

HIST 1111 Survey of World History/Civilization I 3/0/3

A survey of world history to early modern times. Topics in global history to 1660. Examination of ancient and medieval civilizations in order to place Western Civilization in global context. Emphasis is given to comparative themes, such as the impact of cultural heritages, trade, technology, the interaction of humans and the environment, and the origins of war.

HIST 1112 Survey of World History/Civilization II 3/0/3

A survey of world history from early modern times to the present. Topics in global history since 1500. From European voyages of discovery to the space age, a comparative study of the impact of major technologies, ideologies, and cultural traditions that unite and divide the human community. Special attention is given to the rise of nation states and the changing nature of everyday life.

HIST 2111 U.S. History I (to 1865) 3/0/3

A survey of U.S. history to the post-Civil War period. Traces the shaping of American political institutions, the changing of American society, the evolution of the American economy, and the nature of American foreign relations through the Civil War era.

HIST 2112 U.S. History II (since 1865) 3/0/3

A survey of U.S. history from the post-Civil War period to the present. Traces the shaping of American political institutions, the changing of American society, the evolution of the American economy, and the nature of American foreign relations since the Civil War era.

- HIST 2302 The Historian's Craft: Methodology** 3/0/3
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
Examination of history as a discipline and as a craft, concentrating on the research and interpretive skills used by historians. The course should be taken in the second year of the history major's degree program. HIST 2302 is prerequisite for History 4484, The Senior Seminar.
- HIST 3300 Studies in American Culture** 3/0/3
An introduction to American Studies as an area of critical inquiry, including a study of the theories and methods used in the field and readings of significant works that have shaped it. Required for a minor in American Studies. Same as ENGL 3300.
- HIST 3301 History and Philosophy of Science** 3/0/3
A study of the historical development of major areas of science and the philosophical examination of scientific methods and results. Same as PHIL 3301, CHEM 4003, and PHYS 3003.
- HIST 3311 Ancient Near East and Classical World** 3/0/3
The development of ancient Near Eastern, Greek, and Roman civilizations and their impact on the development of Western civilization.
- HIST 3312 Near East in Middle Ages** 3/0/3
The development of Byzantine and Islamic Civilizations and their impact on the development of modern Eastern Europe, Balkans, Near East, and North Africa.
- HIST 3313 Near East in Modern Times** 3/0/3
A political, social, economic, cultural and religious survey of the Balkans and Near East from the Ottoman Empire to the present.
- HIST 3315 Civilization of India** 3/0/3
An introduction to socio-cultural history of the Indian subcontinent, focusing on the formative culture, the Western impact, the synthesis emerging in the 20th century, and the spread of Indian ideas to East and Southeast Asia. Students will normally be expected to have taken the basic courses in U.S. and Global History.
- HIST 3318 African Society: The Precolonial Era** 3/0/3
Selected themes in Precolonial African history: foundations of human settlement, the impact of religions, trade, and state formation. The course will cover various regional developments from antiquity to the eve of European conquest.
- HIST 3321 Western Europe in the Middle Ages** 3/0/3
The development of Medieval Latin Civilization and its impact on the development of Modern Europe.
- HIST 3323 17th and 18th Century Europe** 3/0/3
A political, social, economic, and cultural study of Europe in the 17th and 18th centuries.
- HIST 3326 Colonial Latin America** 3/0/3
A survey of Latin America from the pre-Columbian period through 1830, with special emphasis on the conquest, colonial administration and economy, race and society, international rivalries, and separation from Spain and Portugal.

- HIST 3327 Latin America Since Independence** 3/0/3
A topical analysis of Mexico, Central America, South America, and the Caribbean states since c. 1820.
- HIST 3341 Britain to 1688** 3/0/3
From the Roman invasion to the Glorious Revolution, this course examines the key events, institutions, and individuals responsible for the creation of a British kingdom and its emergence as a European power.
- HIST 3342 Britain since 1688** 3/0/3
This class examines the political, economic, social, and cultural history of Britain and its empire from the Glorious Revolution to the present.
- HIST 3350 Introduction to Africana Studies** 3/0/3
An introduction to Africana studies as an area of critical inquiry, including a study of the theories and methods used in the field and readings of significant works that have shaped it. Required for the minor in Africana studies. Same as ENGL 3350.
- HIST 3351 Imperial Russia** 3/0/3
An examination of social, political, economic and cultural developments in Russian history from Peter the Great to the Revolution of 1917.
- HIST 3361 American Diplomacy** 3/0/3
History of American foreign policy from the Revolution to the present.
- HIST 3362 African-American History to 1865** 3/0/3
A survey history of African-Americans in the United States from the African past through the American Civil War.
- HIST 3363 African-American History since 1865** 3/0/3
A survey history of African-Americans in the United States from 1865 to the present with emphasis on the evolution of black leadership in the twentieth century.
- HIST 4400 Introduction to Public History** 3/0/3
Prerequisite: 3 credits U.S. history or permission
An examination of the development, philosophies, and activities in the field of public history and the ethical issues which public historians face.
- HIST 4401 Theory and Practice of Oral History** 3/0/3
Prerequisite: 3 credits U.S. history or permission
An examination of the philosophy, ethics, and practice of oral history with specific training in interview and transcription techniques and the use of oral history in historical research and analysis.
- HIST 4402 Introduction to Archival Theory and Practice** 3/0/3
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
An introduction to the principles of archival theory and management from appraisal and acquisitions through arrangement, description, preservation, and public access. Includes a practicum experience.
- HIST 4403 Introduction to Museum Studies** 3/0/3
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
An introduction to the philosophy, theory, and practice of museum work and a survey of various functions of a museum, including collections, research, education and interpretation, exhibits, and administration.

- HIST 4404 History of American Architecture 3/0/3**
 Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
 A survey of American architecture in its social and cultural context from colonial America through the present day, with a particular focus on how to analyze and document historic buildings.
- HIST 4411 European Renaissance in Global Perspective 3/0/3**
 Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
 Europe in the early modern era, focusing on the cultural and political history of the Renaissance, the development of overseas empires, and the evolution of a scientific world view.
- HIST 4412 The Reformation 3/0/3**
 Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
 The development of the Roman Catholic and Protestant Christian traditions seen within the context of 16th century Europe.
- HIST 4417 Nineteenth Century Europe: 1789-1914 3/0/3**
 Prerequisite: 3 credits global history, 3 credits U.S. history, or consent of Instructor
 Between the great revolutions that opened the century and the Great War the early twentieth, the contemporary world was born. This course explores this process and how Europe, for a brief time, achieved global domination.
- HIST 4418 20th Century Europe 3/0/3**
 Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
 A study of the political and social history of Europe in the 20th century with emphasis on the continuity of events and their interrelation.
- HIST 4419 The Cold War 3/0/3**
 Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
 A political and social survey of the origins, development, and conclusion of the Cold War.
- HIST 4420 The Holocaust 3/0/3**
 Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
 An analysis of The Holocaust, emphasizing aspects of modern European and Jewish history, the origins of European anti-Semitism, and the varied experiences of camp inmates, resisters, perpetrators, bystanders, and liberators.
- HIST 4421 Mexico Since Independence 3/0/3**
 Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
 An introduction to the history of Mexico since independence, with special emphasis on selected political, economic, and social themes, including U.S.-Mexican relations.
- HIST 4424 Conflict and Interdependence in South Africa 3/0/3**
 Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
 An introduction to the history and historiography of South Africa through selected economic, environmental, social, and political themes.
- HIST 4430 The Vietnam War 3/0/3**
 Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
 An examination of the historical background, events, and impact of the Vietnam War.

- HIST 4433 Introduction to Modern China** 3/0/3
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
An introduction to the modernization process within China from 1500, emphasizing East-West conflict and the emergence of the People's Republic of China.
- HIST 4436 French Revolution—Napoleon** 3/0/3
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
Europe from 1789-1815 with particular emphasis upon France. A study of the French Revolution as the classic model for modern revolutions.
- HIST 4437 France Since 1815** 3/0/3
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
A survey of French history from Napoleon's defeat at Waterloo in 1815 to the present Fifth French Republic. An examination of the role of French influence on European and world cultures over the last two centuries.
- HIST 4440 Modern Germany** 3/0/3
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
A political and social study of Germany since unification with heavy emphasis on the 20th century (1871-Present).
- HIST 4441 Modern Ireland: 1780-Present** 3/0/3
Prerequisite: 3 credits in global history, 3 credits in U.S. history, or by consent of instructor
Apolitical, social, and cultural study of Ireland since 1780 with special emphasis on the evolution of Irish nationalism and Anglo-Irish relations. The roots and history of "the Troubles" in Northern Ireland will also be explored.
- HIST 4443 Introduction to Modern Japan** 3/0/3
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
An introduction to the history of Japan, emphasizing the nineteenth and twentieth centuries, Japanese immigration to the United States, and Japanese-American relations.
- HIST 4446 Soviet Russia** 3/0/3
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
An analysis of Soviet history from the October Revolution of 1917 to the collapse of the Soviet Union in 1991, with an emphasis on Stalinism and post-Stalin developments.
- HIST 4451 Colonial America, 1492-1763** 3/0/3
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
The history of early America, from the Age of Discovery through the establishment and growth of England's New World colonies, with emphasis on the evolution of American society and culture.
- HIST 4452 The American Revolution, 1763-1783** 3/0/3
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
A study of the origin of America's break with Great Britain with emphasis on the causes of the Revolution, the course of the War of Independence, and the establishment of the new nation's political, social, and cultural institutions.

- HIST 4453 The New American Republic, 1783-1815 3/0/3**
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
The political, diplomatic, economic, and social history of the United States from the end of the American Revolution through the War of 1812.
- HIST 4454 Jacksonian America, 1815-1848 3/0/3**
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
American history from the end of the War of 1812 to the Mexican War with emphasis on politics and society. Western expansion will also be emphasized.
- HIST 4455 Civil War and Reconstruction: 1848-1877 3/0/3**
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
American history from the end of the Mexican War to the Compromise of 1877 with special attention to the political, military, and social history of the Civil War.
- HIST 4461 Environmental History 3/0/3**
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
A study of American understanding of ecology, wilderness, resource usage, conservation, agriculture, technology, and natural hazards from colonial times to the present. Same as ENVS 4461.
- HIST 4463 American Military History 3/0/3**
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
The history of American warfare from the colonial conflicts through the wars of the 20th century with emphasis on society's impact on warfare and warfare's impact on American society.
- HIST 4464 American Sports History 3/0/3**
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
Traces the history of the development of American sports from the Colonial period to the present with emphasis on the social, cultural, economic, and political factors that influence American society.
- HIST 4465 U.S. Society and Culture to 1865 3/0/3**
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
Examines the most important social and cultural trends in America from the Colonial period to the end of the Civil War.
- HIST 4466 U.S. Society and Culture Since 1865 3/0/3**
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
Examines the most important social and cultural trends in the U.S. since the Civil War.
- HIST 4467 Women in American History to 1890 3/0/3**
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
An examination of the experiences of different women and their impact on American history up to 1890.
- HIST 4468 Women in American History Since 1890 3/0/3**
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
An examination of the experiences of different women and their impact on the history of the United States since 1890.

- HIST 4469 The Civil Rights Movement 3/0/3**
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
The history of the Civil Rights Movement with emphasis on major leaders, organizations, and events in the twentieth-century black freedom struggle.
- HIST 4471 The Gilded Age and Progressive Era, 1877-1920 3/0/3**
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
Explores the social, political, cultural, economic, and diplomatic history of the U.S. from the end of Reconstruction to the aftermath of World War I.
- HIST 4472 The Rise of Modern America, 1920-1945 3/0/3**
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
Explores the social, political, cultural, economic, and diplomatic history of the U.S. from the end of World War I to the end of World War II.
- HIST 4473 Recent America: The U.S. since World War II 3/0/3**
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
Explores the social, political, cultural, economic, and diplomatic history of the U.S. in the second half of the twentieth century.
- HIST 4474 History of Georgia 3/0/3**
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
A survey of Georgia history from prehistory to the present, emphasizing politics and society.
- HIST 4475 Southern Families and Communities 3/0/3**
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
A study of the approaches to researching and analyzing the history of the varied families and communities in Southern history.
- HIST 4476 The Old South 3/0/3**
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
A study of the American South, from the Colonial Period through the Reconstruction, with special attention on nineteenth-century politics and society. Ideas and events leading to secession and Civil War are particularly emphasized.
- HIST 4477 The New South 3/0/3**
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
A study of the American South since 1865, including the interaction of economic, political, social, and cultural factors, especially in the contexts of struggles in rural and urban communities and in the textile industry.
- HIST 4478 American Religion to 1800 3/0/3**
Prerequisite: 3 credits global history, 3 credits U.S. history or permission
A study of the history of American religious beliefs and practices, and of religion's influence on American society, from its colonial settlement to 1800.
- HIST 4479 American Religion Since 1800 3/0/3**
Prerequisite: 3 credits global history, 3 credits U.S. history or permission
A study of the history of American religious belief and practices, and of religion's influence on American society, from 1800 to the present.

- HIST 4481 Independent Study** 0/6/3
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
Individual study with the instructor taken by majors with permission of the chair and instructor on a topic not regularly offered by the department. May involve a research paper, field research, or reading and discussion.
- HIST 4484 Senior Seminar** 3/0/3
Prerequisite: HIST 2302 and senior standing or permission
A thematic and capstone course to integrate the student's learning experience in the field of history. Topics vary with instructors. Complements the course 'The Historian's Craft' and assesses a major's progress.
- HIST 4485 Special Topics** 3/0/3
Prerequisite: 3 credits global history, 3 credits U.S. history, or permission
Courses on topics not usually offered by the department.
- HIST 4486 Public History Internship** 0/6/3
Prerequisite: 3 credits global history, 3 credits U.S. history, and permission of Public History Coordinator
Experience in applying history in a museum, historical society, archive, historic preservation agency, or other public history setting. Students must maintain a journal and develop a portfolio of their work.

INTEGRATED SCIENCE COURSE(S) (ISCI)

- ISCI 2001 Life/Earth Science** 2/2/3
Prerequisite: MATH 1111 and one Area D Science Course with a Lab
This course is an integrative, interdisciplinary approach to the study of life and earth science. It introduces basic concepts and key ideas while providing opportunities for students to learn reasoning skills and a new way of thinking about their environment. The laboratory component of the course allows students to have hands-on experience with scientific ideas and principles. Satisfies area F of Early Childhood Education.
- ISCI 2002 Physical Science** 2/2/3
Prerequisites: Core Area A Mathematics and one Area D science course
This is an interdisciplinary, activity-based science course satisfying Area F requirements of the Early Childhood Education program. Topics in physical science and astronomy will be covered to address content covered by the Georgia Performance Standards (GPS) for K-5. The laboratory will incorporate inquiry based teaching and learning opportunities for the students.

INTERDISCIPLINARY COURSES (XIDS)

- XIDS 1004 Oral and Technological Communication** 3/2/4
An introduction to the principles and practice of oral and computer-based communication, fundamentals of oral presentation, use and evaluation of Internet resources and information databases, and design and implementation of cyberspace presentations using software tools. Satisfies Area B1 of the core.

XIDS 2001, 2002 What Do You Really Know About: xxx **1,2**
(Special Topics)

Selected topics and themes posing a question using the tools and assumptions of at least two, and usually more, disciplines. Examples include but are not limited to "What Do You Really Know About": Female Adolescent Development, Youth Violence, Postmodernism, Justice, Surrealism, Antigone. Credit varies from 1 to 2 hours depending on topic. Satisfies Area B2 of the core.

XIDS 2100 Arts and Ideas: xxx (Special Topics) **3/0/3**

Prerequisite: ENGL 1101, 1102

This course is an overview of the interdependent and inter-developmental character of movements in the arts and historical/philosophical ideas. A fine or performing art is always represented as one of the disciplines considered in every section. Students will be required to attend five artistic events (plays, recitals, concerts, shows) during the course of the semester. Satisfies Area C1 of the core.

XIDS 2201 Science Foundations **3/4/4**

An interdisciplinary approach to general science knowledge for the non-major student. Instructors from the four major branches of Natural Science present lectures toward an interdisciplinary perspective. The laboratory is used to extend the lecture topics. Satisfies Area D of the core.

XIDS 2202 Environmental Studies **3/0/3**

An integrative, interdisciplinary focus on specified environmental issues approached from selected disciplines in the natural and social sciences. Topics and disciplines vary from semester to semester. Major objectives are to develop environmental literacy and to understand and critically assess how humanity positively and negatively impacts ecological systems at local and global levels. Satisfies Area D of the core. Same as ENV5 2202.

XIDS 2300 Interdisciplinary Studies in Social Sciences: **3/0/3**
(Special Topics)

An introduction to how two or more disciplines in the social sciences may contribute to the understanding of a selected topic or theme. Subjects will vary with the year and with the instructors involved. Examples include but are not limited to Ecopsychology, History of Childhood, The Human Touch, Technological Society, Cultural Studies, and The Individual and Society. Satisfies Area E of the core.

XIDS 2301 Introduction to Global Studies **3/0/3**

Examination of global issues, the individual's role in the global society and the events that shape our world. Topics and themes include global issues such as food and population, the spread of disease, human rights, sustainable development, empowerment of women, indigenous peoples, causes of poverty, ecological degradation, and migration. The course may include a field trip. Satisfies Area E of the core.

XIDS 3200 History and Philosophy of Science 3/0/3

Prerequisite: Core History and Core Science

A study of the historical development of major areas of science and the philosophical examination of scientific methods and results. Historical portion will emphasize the development of major scientific concepts and the interaction between scientific activity and other characteristics of various historical periods. Philosophical portion will examine the process of scientific reasoning, the distinguishing features of science, nonscience, and pseudoscience, and the writings of selected contemporary philosophers on some of the current problems and issues in the philosophy of science. Course will include discussion of scientific knowledge vs. values and role of each in decision-making.

XIDS 4100 Writing Across the Curriculum 2/2/3

Prerequisite: ENGL 1101, ENGL 1102 and permission of instructor

A cross-disciplinary, experiential approach to the study of Writing Across the Curriculum theory within a career-related setting that is writing-, editing-, tutoring-, and/or teaching-intensive.

XIDS 4300 Mock Court 3/0/3

Prerequisite: at least one legal studies course

An interdisciplinary capstone course for those who have taken one or more legal studies classes. This course provides an integrative experience which synthesizes knowledge from previous coursework in legal studies. It also provides a forum for actual production of documentation required for the legal process, active research which results in that documentation, and practicing interviewing and examination techniques, as well as an opportunity to get actively involved in the drama of the courtroom.

MASS COMMUNICATIONS

Humanities 139 • 678-839-6518

<http://www.westga.edu/~masscom/>

Professors, P. Gagnon (Interim Chair), T. Hynes; **Associate Professor**, C. Gant (Director), B. Yates; **Assistant Professors**, P. Hadley, S. Moon, A. Smallwood; **Lecturers**, G. Reid, W. Stone **Instructors**, B. Daniel, D. Lanham, C. McDowell, K. Purnell, M. Rollings, D. Vinson;

The Department of Mass Communications and Theatre Arts offers two degree programs – Bachelor of Arts in Mass Communications and Bachelor of Arts in Theatre (see page 370). The department also offers minors in Mass Communications and Theatre.

B.A. DEGREE WITH A MAJOR IN MASS COMMUNICATIONS

The Bachelor of Arts in Mass Communications offers a theoretical and practical blend of media literacy, writing, and technology competency courses. Media literacy courses help students to critically understand the development of paramount economic, legal/policy, ethical, social, and effects of mass media issues. Writing courses aim to develop students' ability to write mass media messages with accuracy, clarity, and brevity on deadline and within varying stylistic, ethical, and legal considerations. Technology courses develop students' proficiency in using technology to produce visual and audio messages for mass media within varying aesthetic, stylistic, technical, ethical, and legal considerations.

When students graduate from UWG with a degree in Mass Communications, they would be expected to successfully demonstrate the skills and perform the duties of interviewing subjects, writing and editing news stories and sports stories involving the subjects interviewed, and engaging in proper layout and design of newspaper and magazine editorial and photographic content.

They will also be able to operate modern radio and television production equipment such as audio consoles, microphones, recorders, cameras, production switchers, and editing equipment so that they can produce news stories, interviews, commercials, public service announcements, and promotional material appropriate to a commercial or non-commercial station.

Students will understand the history and background of journalism, public relations, and media industries and will be able to explain and analyze the issues of diversity, economics, social impact, and aesthetics of these media.

Students will be able to successfully participate in the creation of public relations campaigns and strategies in terms of planning, organizing, writing, and distributing materials suitable for media and public consumption.

	Hours
Core Areas A, B, C, D, & E (see pages 128-134)	42
Core Area F	18
COMM 1154	3
COMM 1110	3
Foreign Language - 2001 and 2002	6
THEA 1100	3
COMM 2254	3
Courses Specific for the Major	42-45
Media Literacy Competency	12
Select 2 from the following:	
COMM 3313	
COMM 3350	
MKTG 3803	
and	
COMM 4454	
COMM 4484	
Writing Competency	6
COMM 3301	
COMM 4450	
COMM 4451	
Technology Competency	6
COMM 3303	
COMM 3351	
COMM 3352	
COMM 4403	
Electives	18-21
Must be 3000-4000 level COMM courses. May include courses not selected above and ABED 3100, 3104, 3106, 3160, 4118, ENGL 3200, 3405, POLS 3103, MKTG 3809, SOCI 4203, 4323, PSYC 3600	
Minor	15-18

Major Requirements

- Must have a minimum 2.5 GPA to declare a major in Mass Communications
- GPA will be reviewed after completion of Core Areas A-E and includes all transfer work.
- Must pass ENGL 1102 (English Composition II) before enrolling in COMM courses numbered 3000 or above
- Must be proficient in word processing before enrolling in COMM writing courses
- A maximum of 3 credit hours of COMM 4421 (Practicum) may count toward major requirements.
- A maximum of 3 credit hours of COMM 4486 (Internship) may count toward major requirements
- Must complete an exit interview or survey during senior year.
- Must complete requirements for a minor field.

REQUIREMENTS FOR A MINOR IN MASS COMMUNICATIONS	15
COMM 1154	3
Electives	12

Must be 3000-4000 level COMM courses.

MASS COMMUNICATIONS COURSES (COMM)

- COMM 1110 Public Speaking** **3/0/3**
A study of the principles and practice of public speaking with emphasis on the basic skills of oral communication.
- COMM 1115 Debate Practicum** **0/4/2**
Instruction and practice in competitive debate. Emphasis on skills necessary for intercollegiate debate, including research and strategy. Debate team membership is not prerequisite, but the focus is exclusively college debate.
- COMM 1154 Introduction to Mass Communications** **3/0/3**
A study of the historical, social, economic, and aesthetic dimensions of newspapers, magazines, recordings, radio, television, film, public relations, advertising, and the Internet. Emphasis on the functions of the various media in terms of information dissemination, artistic expression, and impact on society, including the global community.
- COMM 2254 Media Ethics** **3/0/3**
Prerequisite: COMM 1154
Examination of ethical decision-making models and their application to media issues, particularly freedom of speech, explicit content, invasion of privacy, and the public's right to know.
- COMM 3301 Writing and Reporting for Newspapers I** **2/2/3**
Prerequisite: COMM 1154
Basic procedures and techniques for writing and reporting for newspapers. Emphasis on news style and judgment as well as ethical and legal issues.
- COMM 3302 Writing and Reporting for Newspapers II** **2/2/3**
Prerequisite: COMM 3301
Advanced procedures and techniques for writing and reporting for newspapers, including public affairs reporting. Advanced instruction in news style and judgment and ethical and legal issues.

- COMM 3303 Editing and Makeup for Print Publications** 2/2/3
Prerequisite: COMM 3301
Editing and makeup procedures for newspapers and other print publications. Includes copy editing, headline writing, page makeup, and basic graphic principles.
- COMM 3310 Argumentation** 3/0/3
Advanced theory and inquiry into structure, evidence forms, and analysis for argument. Special focus on oral presentation of argument and language development for argumentative discourse.
- COMM 3313 Public Relations** 3/0/3
Prerequisite: COMM 3301
A survey of the role, responsibilities, and potential of modern public relations. Includes development of basic skills and techniques needed for effective public relations programs.
- COMM 3330 Advanced Communication Skills** 3/0/3
Prerequisite: COMM 1110
Analysis and application of public and interpersonal communication skills. Skills include effective speaking, listening, group problem solving, negotiation and conflict management.
- COMM 3350 Telecommunication and Electronic Media Industries** 3/0/3
Prerequisite: COMM 1154
A continuation of COMM 1154, this course examines contemporary industry and social issues facing telecommunication and electronic media. Particular attention is given to analysis of structure and process, revenue sources, programming and services, and audience and effects research.
- COMM 3351 Radio Program Production** 2/2/3
Prerequisite: COMM 1154
Instruction in the operation of radio technology and introduction to the production of radio programs.
- COMM 3352 Television Production I** 2/2/3
Prerequisite: COMM 1154
Instruction in the operation of television studio technology and introduction to the production of video and audio messages. Opportunity for practical experience with college television programming.
- COMM 3353 Television Production II** 2/2/3
Prerequisite: COMM 3352
Advanced techniques in producing and directing video and audio messages and programs. Attention given to structure, process, technical, aesthetic, and ethical issues. Fieldwork required.
- COMM 3356 Film and Culture** 3/0/3
Prerequisite: COMM 1154
A study of the evolution and significance of the motion picture as a specialized form of artistic experience and as a form of mass communication.

- COMM 3357 Diversity and Mass Media** 3/0/3
 Prerequisite: COMM 1154
 Survey of research concerned with the relationship between mass media and selected populace(s) who have been given peripheral attention in mass media textbooks, i.e., minorities, women, lower socioeconomic class, and those who are aging or have physical disabilities. Particular attention given to analysis of presentation, effects, audience, and employment research.
- COMM 4402 Feature Writing** 2/2/3
 Prerequisite: COMM 3301
 Application and analysis of techniques for writing magazine and newspaper features and commentaries.
- COMM 4403 Photojournalism** 2/2/3
 Prerequisite: COMM 3301
 A study of the history and importance of photographs for the print media. Practice in the production of photographs appropriate for newspapers and newsmagazines including composition, depth of field, and cropping. Use of digital camera technology with introduction to standard darkroom techniques.
- COMM 4413 Public Relations Cases** 3/0/3
 Prerequisite: COMM 3313
 Analysis of public relations cases and situations. Includes application of principles, processes, and theories of public relations to case management.
- COMM 4421 Practicum** var 1-3
 Prerequisite: COMM major, permission of instructor, junior or senior standing
 Practical experience with university newspaper, radio, and television. Repeatable to a maximum of 3 credit hours.
- COMM 4450 Broadcast News Writing and Reporting** 2/2/3
 Prerequisite: COMM 3352, 3353
 Instruction and practice in gathering, writing, and reporting television and radio news on deadline. Attention given to news style and judgment as well as aesthetic, ethical, and legal issues. Video editing competency required.
- COMM 4451 Copy Writing for TEM** 3/0/3
 Prerequisite: COMM 1154
 A study and application of principles and techniques for writing commercial copy for telecommunication and electronic media.
- COMM 4452 Advanced Television Production** 2/2/3
 Prerequisite: COMM 3352, 3353
 Direct involvement with the planning, producing, directing, and post-production of television programs under the supervision of the instructor. Emphasis on the advanced creative, organizational, and managerial aspects of television production.
- COMM 4453 Announcing** 3/0/3
 Prerequisite: COMM 1110
 Study of voice, diction, and microphone techniques for radio and television performance.

COMM 4454 Media Law**3/0/3**

Prerequisite: COMM 1154, 2254, one course in Media Literacy Competency Area, and one course in Writing Competency Area (see page 271)

Examination of the legal context regulating print, telecommunication, and electronic media as well as advertising and public relations industries. Emphasis on libel, slander, privacy, copyright, free press, fair trial, and obscenity law.

COMM 4481 Independent Study**var. 1-3**

Prerequisite: Permission of instructor, minimum 3.0 GPA, and junior or senior standing

Repeatable to a maximum of 3 credit hours. In-depth, individual study of media-related issues not covered in the curriculum.

COMM 4484 Mass Media Research**3/0/3**

Prerequisite: COMM 1154, 3350

A survey of qualitative and quantitative research methods, data analysis and reporting procedures, and a critical analysis of research applications, including print, telecommunication and electronic media, advertising, and public relations research.

COMM 4485 Special Topics**3/0/3**

Course(s) offered on a one-time or experimental basis to examine selected, contemporary mass media issues.

COMM 4486 Internship**var 1 - 6**

Prerequisite: COMM major, minimum 9 credit hours of upper-level COMM courses, minimum 2.5 GPA, and junior or senior status

Repeatable to a maximum of 6 credit hours. A maximum of 3 credit hours may count toward major requirements. A hands-on, supervised media field experience.

MATHEMATICS (MATH)**Boyd 310 • 678-839-6489****<http://www.westga.edu/~math/>**

Professors, B. Landman (Chair), V. Tuan; **Associate Professors**, A. Boumenir, W. Faucette, M. Gordon, A. Khodkar, V. Nguyen, K. Smith, S. Sykes; **Assistant Professors**, J. Black, A. Chatterjee, J. Kang, C. Leach, K. Shin, R. Xu, M. Yazdani; **Visiting Assistant Professors**, D. Robinson, J. Hwang; **Instructors**, R. Chilluffo, K. Dyke, G. Kittel; **Lecturers**, C. Autrey, J. Bellon, S. Rivera

The Department of Mathematics offers two degree programs in mathematics: the Bachelor of Science in Mathematics and the Bachelor of Arts in Mathematics.

The Bachelor of Science degree program has six plans, each designed for specific career goals: Plan A, the Traditional track; Plan B, the Applied Computational track; Plan C, the Applied Discrete track; Plan D, the Statistics track; Plan E, the Actuarial track; and Plan F, the Secondary Education track. The student's advisor will help the student choose the best track, based on the student's interests.

Plan A, a traditional mathematics option, offers students a broad background in mathematics and is principally designed to prepare students for graduate study in pure or applied mathematics.

Plans B and C are designed to offer students a solid background in applied

mathematics, preparing them for employment in government agencies or industry, as well as further study in mathematics. Plan B, an option in applied computational mathematics, emphasizes topics such as differential equations and numerical analysis, and leads to employment in a variety of areas, including engineering or computational types of work. Plan C, an option in applied discrete mathematics, emphasizes topics such as graph theory, combinatorics, and number theory, and leads to employment in areas such as communications, national security, and computer-related fields. Both Plans B and C involve a choice of directed electives in the physical sciences, business, or the social sciences.

Plan D, an option in applied statistics, is designed to offer students a solid theoretical and applied background in statistics, preparing them for employment in a wide variety of interesting careers.

Plan E, an option in actuarial science, is designed to prepare students to enter a career in actuarial science and, thus, make them employable in business and industry.

Plan F, an option in secondary education, is designed for students seeking mathematics teacher certification at the secondary level. Students who complete this option will qualify for certification in secondary education in mathematics.

The Bachelor of Arts degree program is designed for students seeking employment in government or business or those desiring further study in mathematics.

Learning Outcomes

For the Learning Outcomes for the degrees offered by the Department of Mathematics, please see the Website, <http://www.westga.edu/~math>.

B.S. DEGREE WITH A MAJOR IN MATHEMATICS

All students enrolled in the B.S. degree in mathematics must complete the following courses:

	Hours
Core Areas A, B, C, D, and E (see pages 128-134) (including MATH 1113 in Core Area A and MATH 1634 Core Area D)	42
Core F	18
MATH 1113 Precalculus	1
MATH 1634 Calculus I	1
MATH 2009 Sophomore Seminar	1
MATH 2644 Calculus II	4
MATH 2654 Calculus III	4
MATH 2853 Elementary Linear Algebra	3
CS 1300 Computer Science I	4
Major Requirements	32
MATH 3003 Transition to Advanced Mathematics	3
MATH 3243 Advanced Calculus	3
MATH 4983 Senior Project	1

AND the Student Must Select One of the Following Tracks:

A. Traditional Track

Major Requirements	
CS 1301 Computer Science	3
MATH 4413 Abstract Algebra I	3
One course from	3
MATH 4253 Real Analysis	

MATH 4353 Complex Analysis	
One course from	3
MATH 4513 Linear Algebra I	
MATH 4043 Number Theory	
One course from	3
MATH 4233 College Geometry	
MATH 4613 Topology	
Three additional courses at or above the 3000-level (excluding service courses for elementary education), so that at least one of the following two-semester sequences is satisfied:	9
MATH 4203 Mathematical Probability-4213 Mathematical Statistics	
MATH 4233 College Geometry-4613 Topology	
MATH 4413 Abstract Algebra I-4423 Abstract Algebra II	
MATH 4253 Real Analysis-4353 Complex Analysis	
MATH 4513 Linear Algebra I-4523 Linear Algebra II	
MATH 4473 Graph Theory-4483 Combinatorics	
Electives*	28
*At least eleven hours of electives must be at the 3000-level or above	
TOTAL	120

B. Applied Computational Track

Major Requirements	
CS 1301 Computer Science II	3
MATH 3303 Ordinary Differential Equations	3
MATH 3353 Methods of Applied Mathematics	3
MATH 4253 Real Analysis	3
MATH 4013 Numerical Analysis	3
MATH 4363 Partial Differential Equations	3
MATH 4513 Linear Algebra I	3
One course chosen from:	3
MATH 4203 Mathematical Probability	
MATH 4353 Complex Analysis	
MATH 4153 Applied Mathematical Modeling	
MATH 4313 Theory of Ordinary Differential Equations	
Directed Electives*	9
Three courses numbered at or above the 2000-level from one of the following lists:	
1) ACCT, ECON, FINC, MGMT, MKTG	
2) BIOL, CHEM, PHYS, GEOL	
3) CS	
Electives*	19
*At least eleven hours of the 28 hours of directed electives and electives must be at the 3000-level or above	
TOTAL	120

C. Applied Discrete Track

Major Requirements	
CS 1301 Computer Science II	3
MATH 3303 Elementary Differential Equations	3

MATH 4043 Number Theory	3
MATH 4233 College Geometry	3
MATH 4413 Abstract Algebra I	3
MATH 4473 Combinatorics	3
MATH 4483 Graph Theory	3
One course chosen from:	3
MATH 4153 Applied Mathematical Modeling	
MATH 4213 Mathematical Statistics	
MATH 4233 College Geometry	
MATH 4423 Abstract Algebra II	
MATH 4513 Linear Algebra I	
Directed Electives*	9
Three courses numbered at or above the 2000-level from one of the following lists:	
1) ACCT, ECON, FINC, MGMT, MKTG	
2) BIOL, CHEM, PHYS, GEOL	
3) CS	
Electives*	19
<i>*At least eleven hours of the 28 hours of directed electives and electives must be at the 3000-level or above</i>	
TOTAL	120

D. Statistics track

Major Requirements	
CS 1301 Computer Science II	3
MATH 4203 Mathematical Probability	3
MATH 4213 Mathematical Statistics	3
MATH 4813 Regression Analysis	3
MATH 4843 Introduction to Sampling	3
Three courses chosen from:	9
MATH 4803 Analysis of Variance	
MATH 4823 Applied Experimental Design	
MATH 4833 Applied Nonparametric Statistics	
Directed Electives*	9
Three courses numbered at or above the 2000-level from one of the following lists:	
1) ACCT, ECON, FINC, MGMT, MKTG	
2) BIOL, CHEM, PHYS, GEOL	
3) CS	
4) PHIL, PSYC, SOCI	
Electives*	19
<i>*At least eleven hours of the 28 hours of directed electives and electives must be at the 3000-level or above</i>	
TOTAL	120

E. Actuarial Science

Major Requirements	
CS 1301 Computer Science II	3
MATH 4153 Applied Mathematical Modeling	3
MATH 4203 Mathematical Probability	3

MATH 4213 Mathematical Statistics	3
MATH 4803 Analysis of Variance	3
MATH 4813 Regression Analysis	3
MATH 4843 Introduction to Sampling	3
One course chosen from:	3
MATH 4823 Applied Experimental Design	
MATH 4833 Applied Nonparametric Statistics	
Directed Electives	21-24
ECON 2105 (if not selected in Area E)	
ECON 2106, ACCT 2101, 2102, FINC 3511	
and 9 hours in courses numbered 3000 or above selected	
from ACCT, ECON, FINC, MGMT (21 hours) (Students are	
encouraged to use these hours to obtain a minor in ECON	
or FINC)	
Electives	4-7
TOTAL	120

F. Secondary Education track

MATH 3063 Applied Statistics	3
MATH 3413 Survey of Modern Algebra	3
MATH 4043 Number Theory	3
MATH 4233 College Geometry	3
Two more courses at or above the 3000-level (excluding	6
service courses for elementary education).	
Certification Requirements	
CEPD 4101 Educational Psychology	3
EDUC 2110	3
EDUC 2130	3
MEDT 3401	3
SPED 3715	3
SEED 4240 Instructional Strategies for Sec. Mathematics	4
SEED 4271 Curr. in the Secondary School	3
SEED 4286 Teaching Internship	9
SEED 4289 Teaching Internship Seminar	3
Electives	5
TOTAL	126

B.A. DEGREE WITH A MAJOR IN MATHEMATICS

	Hours
Core A-E	42
Core F	18
MATH 1113 Precalculus	1
MATH 1634 Calculus I	1
MATH 2009 Sophomore Seminar	1
MATH 2644 Calculus II	4
MATH 2654 Calculus III	4
Foreign Language 2002	
Elective chosen from the following which were not com-	
pleted in Core Area A-E:	
PHYS 2211, PHYS 2212, CS 1301	
Major Requirements	25

MATH 2853 Elementary Linear Algebra	3
MATH 3003 Transition to Advanced Mathematics	3
MATH 3243 Advanced Calculus	3
Any 15 hours of mathematics courses at or above the 3000-level (excluding service courses for elementary education).	15
MATH 4983 Senior Project	1
Minor*	15
Electives*	20
*At least seventeen hours of the 35 hours of the minor courses and electives must be at the 3000-level or above	
TOTAL	120

REQUIREMENTS FOR A MINOR IN MATHEMATICS

Mathematics Option:

MATH 1634, MATH 2644 and three courses selected from mathematics courses numbered 3000 or above (excluding MATH 3703, 3803, 4713, 4753, 4773, and 4863).

Statistics Option:

MATH 4803 and three courses selected from MATH 4813, 4823, 4833, 4843, and 4885.

GRADUATE DEGREES IN MATHEMATICS

For the M.Ed. with mathematics concentration, see the *Graduate Catalog*.

MATHEMATICS COURSES (MATH)

MATH 1001 Quantitative Skills & Reasoning 3/0/3

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 sequence for science majors. This course places quantitative skills and reasoning in the context of experiences that students will likely encounter. It emphasizes processing information in context from a variety of representations, understanding of both the information and the processing, and understanding which conclusions can be reasonably determined..

MATH 1111 College Algebra 3/0/3

This course is a functional approach to algebra that incorporates the use of appropriate technology. Emphasis will be placed on the study of functions, their graphs, inequalities, and linear, quadratic, piecewise defined, rational, polynomial, exponential, and logarithmic functions. Appropriate applications will be included. Credit for this course is not allowed if the student already has credit for a higher-numbered mathematics course. Student cannot receive credit for both 1111 and 1113.

MATH 1113 Precalculus 4/0/4

Prerequisite: MATH 1111 or four years of high school mathematics
This course is designed to prepare students for calculus, physics, and related technical subjects. Topics include an intensive study of algebraic and transcendental functions accompanied by analytic geometry. Credit for this course is not allowed if the student already has credit for MATH 1634.

- MATH 1413 Survey of Calculus** 3/0/3
Prerequisite: MATH 1111 or 1113 with a grade of C or higher
A survey of the differential and integral calculus of polynomial, rational, exponential and logarithmic functions is given. Detailed applications to problems and concepts from business, economics and life science are covered. Credit for this course is not allowed if the student already has credit for MATH 1634.
- MATH 1634 Calculus I** 4/0/4
Prerequisite: MATH 1112 or MATH 1113 with a grade of C or higher
The first of a three-course sequence in calculus. Limits, applications of derivatives to problems in geometry and the sciences (physical and behavioral). Integration, Areas, Riemann Sums, Definitive and Indefinite Integrals, Fundamental Theorem of Calculus, and Method of Substitution.
- MATH 2008 Foundations of Numbers and Operations** 3/0/3
Prerequisite: MATH 1001, 1111, 1112, or 1113
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 2009 Sophomore Seminar** 1/0/1
Prerequisite: MATH 1112 or MATH 1113 with a grade of C or higher.
The impact of mathematics in the real world will be presented in the form of lectures, computer labs and seminars offered by the department of mathematics faculty. The course includes problem solving sessions involving competition problems (e.g. Putnam, MCM, IMO,...) and the use of technology and computer Algebra systems, such as Maple and Matlab. The course also explores applications of mathematics to the real world, its history and connection to other sciences through projects and reports. A final exam will assess their understanding of the subject matter discussed throughout the course.
- MATH 2063 Introductory Statistics** 3/0/3
Prerequisite: MATH 1101 or MATH 1111 with a grade of C or higher
(Non-credit for mathematics major or minor) A non-calculus based introduction to methods of descriptive statistics, probability, discrete and continuous distributions, and other fundamental concepts of statistics.
- MATH 2644 Calculus II** 4/0/4
Prerequisite: MATH 1634 with a grade of C or higher
A continuation of MATH 1634. The definite integral and applications, calculus of transcendental functions, standard techniques of integration, sequences and series.
- MATH 2654 Calculus III** 4/0/4
Prerequisite: MATH 2644 with a grade of C or higher
A continuation of MATH 2644. Topics include functions of two, three, and more variables, multiple integrals, and topics in vector calculus.
- MATH 2853 Elementary Linear Algebra** 3/0/3
Prerequisite: MATH 1634
A concrete, applied approach to matrix theory and linear algebra. Topics include matrices and their connection to systems of linear equations, Gauss-Jordan elimination, linear transformations, eigenvalues, and diagonalization. The use of mathematical software is a component of the course.

- MATH 3003 Transition to Advanced Mathematics** 3/0/3
 Prerequisite: MATH 2644 with a grade of C or higher
 A transition course to advanced mathematics. Topics include logic, set theory, properties of integers and mathematical induction, relations, and functions.
- MATH 3063 Applied Statistics** 3/0/3
 Prerequisite: MATH 1111 or 1113 with a grade of C or higher
 A noncalculus-based introductory statistics course in which descriptive statistics, probability, discrete and continuous distributions, hypotheses testing, and confidence intervals are studied. Basic coverage of regression and analysis of variance will be included. Appropriate technology, a graphing calculator, or statistical software package will be used. This course is intended for secondary education students only.
- MATH 3243 Advanced Calculus** 3/0/3
 Prerequisite: MATH 3003
 A rigorous introduction to the fundamental concepts of single-variable calculus. Topics include the real numbers, limits, continuity, uniform continuity, differentiation, integration, sequences, and series.
- MATH 3303 Ordinary Differential Equations** 3/0/3
 Prerequisite: MATH 2644 with a grade of C or higher
 Modeling with and solutions of ordinary differential equations, including operators, Laplace transforms, and series, systems of ODE's and numerical approximations.
- MATH 3353 Methods of Applied Mathematics** 3/0/3
 Prerequisite: MATH 3303
 Solutions of PDE's using orthogonal function systems. Studies of classical boundary-value problems, including the heat equation, wave equation, and potential equation. Integral transform and numerical methods of solutions.
- MATH 3413 Survey of Modern Algebra** 3/0/3
 Prerequisite: MATH 2853 and MATH 3003
 A survey of group, ring, and field theory. Topics include algebraic structures on the integers, the real numbers, and the complex numbers, modular arithmetic, the Euclidean Algorithm, group and ring homomorphisms and isomorphisms, and field extensions with applications to constructions. This course is intended for secondary education students only.
- MATH 3703 Geometry for P-8 Teachers** 3/0/3
 Prerequisite: MATH 2008 and acceptance in the Teacher Educator Program or instructor approval
 (Non-credit for mathematics major or minor.) A continuation of MATH 2703. Special emphasis for teachers of grades P-8. Logic, real numbers, basic and transformational geometry, measurement, including the metric system, problem solving, methods and materials for teaching mathematics at the P-8 level.
- MATH 3803 Algebra for P-8 Teachers I** 3/0/3
 Prerequisite: MATH 2008 and acceptance in the Teacher Educator Program or instructor approval
 (Non-credit for mathematics major or minor.) Special emphasis for teachers of grades P-8. Broadens understanding of the fundamental concepts of algebra with particular attention to specific methods and materials of instruction.

- MATH 4003 Dynamical Systems** 3/0/3
Prerequisite: MATH 2644
A computational introduction to dynamical systems. Topics include discrete and continuous systems, bifurcations, stability, and chaos: Julia and Mandelbrot sets, applications to Biology and Physics.
- MATH 4013 Numerical Analysis** 3/0/3
Prerequisite: MATH 2644
The practices and pitfalls of numerical computation. Topics include floating point representations, precision, accuracy, and error, numerical solution techniques for various types of problems, root finding, interpolation, differentiation, integration, systems of linear and ordinary differential equations.
- MATH 4043 Number Theory** 3/0/3
Prerequisite: MATH 2853 and 3003
An in-depth study of selected topics in number theory.
- MATH 4103 Operations Research** 3/0/3
Prerequisite: MATH 2644
An introduction to linear and nonlinear programming. Topics include the formulation of linear programming models: the simplex method, duality and sensitivity, integer programming, the use of spreadsheets, and software applications to solve constrained optimization problems.
- MATH 4153 Applied Mathematical Modeling** 3/0/3
Prerequisite: MATH 2644
An introduction to the creation and use of mathematical models. Mathematical techniques will be developed and applied to real systems in areas including chemistry, biology, physics and economics. Students will be expected to make written and oral presentations in a professional manner. This course will emphasize the creation and testing of models and discussions of errors and forecasting. Students will work on projects singly and as part of a group.
- MATH 4203 Mathematical Probability** 3/0/3
Prerequisite: MATH 2853 and 3063
A calculus-based statistics course with a strong emphasis on probability theory. Exercises are both theoretical and applied, including both discrete and continuous probability distributions such as the Binomial, Geometric, Hypergeometric, Poisson, Normal, Beta, and Gamma. The course provides the underlying theory and mathematically derived techniques of Statistics.
- MATH 4213 Mathematical Statistics** 3/0/3
Prerequisite: MATH 3003
A continuation of MATH 4203, including sampling distributions, estimation, hypothesis testing, regression, analysis of variance, and nonparametric tests.
- MATH 4233 College Geometry** 3/0/3
Prerequisite: MATH 3003 or consent of department
An introduction to Euclidean and non-Euclidean geometries developed with the study of constructions, transformations, applications, and the rigorous proving of theorems.

- MATH 4253 Real Analysis** 3/0/3
 Prerequisite: MATH 3243
 An introduction to measure theory and integration. Topics include metric spaces, measure and integration, elementary functional analysis, and function spaces.
- MATH 4313 Advanced Ordinary Differential Equations** 3/0/3
 Prerequisite: MATH 3353
 Advanced topics in the theory of ordinary differential equations. Topics include existence theory, linear systems, phase plane analysis, asymptotic behavior of solutions, stability of linear systems, Lyapounov's second method and applications.
- MATH 4353 Complex Analysis** 3/0/3
 Prerequisite: MATH 3243
 A study of the theory of complex functions and their applications, including analytic and elementary functions, derivatives and integrals, The Cauchy Integral Theorem and contour integration, Laurent series, the theory of residues, conformal mapping, and applications.
- MATH 4363 Partial Differential Equations** 3/0/3
 Prerequisite: MATH 3353
 Classical methods used in partial differential equations. Topics include data propagating along characteristics, classification of systems of the first order equation, the method of transforms and separation of variables, and typical applications of the wave and heat equations.
- MATH 4413 Abstract Algebra I** 3/0/3
 Prerequisite: MATH 3003
 The first of a two-course, in-depth, rigorous study in topics in the theory of groups, rings, and fields.
- MATH 4423 Abstract Algebra II** 3/0/3
 Prerequisite: MATH 4413
 A continuation of MATH 4413. Topics include linear groups, group representations, rings, factorization, modules, fields, and Galois Theory.
- MATH 4473 Combinatorics** 3/0/3
 Prerequisite: MATH 3003
 An introduction to combinatorics. Topics include the pigeonhole principle, combinations, permutations, distributions, generating functions, recurrence relations, and inclusion-exclusion.
- MATH 4483 Graph Theory** 3/0/3
 Prerequisite: MATH 3003
 An introduction to the fundamental concepts of graph theory. Topics include isomorphisms, Euler graphs, Hamiltonian graphs, graph colorings, trees, networks, planarity.
- MATH 4513 Linear Algebra I** 3/0/3
 Prerequisite: MATH 2853 and 3003
 The first course in a comprehensive, theoretically-oriented, two-course sequence in linear algebra. Topics include abstract vector spaces, subspaces, linear transformations, determinants, and elementary canonical forms.

- MATH 4523 Linear Algebra II** 3/0/3
Prerequisite: MATH 4513
A continuation of MATH 4513. Topics include rational and Jordan forms, inner product spaces, operators on inner product spaces, and bilinear forms.
- MATH 4613 Introduction to Topology** 3/0/3
Prerequisite: MATH 3003 or consent of department
An elementary but rigorous study of the topology of the real line and plane and an introduction to general topological spaces and metric spaces. Emphasis placed on the properties of closure, compactness, and connectedness.
- MATH 4713 Probability and Statistics for P-8 Teachers** 3/0/3
Prerequisite: MATH 2703 and acceptance in the Teacher Educator Program or instructor approval
(Non-credit for mathematics major or minor.) Special emphasis for teachers of grades P-8. Broadens understanding of the fundamental concepts of probability and statistics with particular attention to specific methods and materials of instruction.
- MATH 4753 Trigonometry and Calculus for the P-8 Teacher** 3/0/3
Prerequisite: MATH 2703
(Non-credit for mathematics major or minor). An introduction to the foundations of trigonometry, analytic geometry, and calculus. Designed especially for teachers of grades P-8. Helps promote a better understanding of the content, scope, and sequence of the P-12 mathematics curriculum.
- MATH 4773 Number Theory for P-8 Teachers** 3/0/3
Prerequisite: MATH 2703
(Non-credit for mathematics major or minor). Elementary number theory with emphasis on relevance to teaching at the P-8 level.
- MATH 4803 Analysis of Variance** 3/0/3
Prerequisite: MATH 4203
This course involves a thorough examination of the analysis of variance statistical method, including hypotheses tests, interval estimation, and multiple comparison techniques of both single-factor and two-factor models. Extensive use of a statistical computer package, Minitab, will be a necessary part of the course.
- MATH 4813 Regression Analysis** 3/0/3
Prerequisite: MATH 4203
This course involves a thorough examination of both simple linear regression models and multivariate models. The course requires extensive use of statistical software for confidence intervals, statistical tests, statistical plots, and model diagnostics.
- MATH 4823 Applied Experimental Design** 3/0/3
Prerequisite: MATH 4203
This course provides an introduction to design and analysis of planned experiments. Topics will include one- and two-way designs, completely randomized designs, randomized block designs, and Latin-square and factorial designs. Use of technology will be an integral part of this course.

MATH 4833 Applied Nonparametric Statistics 3/0/3

Prerequisite: MATH 4203

This course will involve the study of several nonparametric tests, including the Runs test, Wilcoxon signed rank and rank sum test, Kruskal, Wallis, and Friedman F test. These tests will include applications in the biological sciences, engineering, and business areas. A statistical software package will be used to facilitate these tests.

MATH 4843 Introduction to Sampling 3/0/3

Prerequisite: MATH 4203

This course will consider applied principles and approaches for conducting a sample survey, designing a survey, and analyzing a survey.

MATH 4853 An Introduction to the History of Mathematics 3/0/3

Prerequisite: Completion of core-level mathematics, ENGL 1102, or consent of instructor

The development of mathematics from prehistoric times through the late nineteenth century/early twentieth century is explored. Emphasis is given to key people, problems, and cultural influences for various historic periods that have shaped what we think of as contemporary mathematics.

MATH 4863 Algebra for P-8 Teachers II 3/0/3

Prerequisite: MATH 3803 or consent of department

(Non-credit for mathematics major or minor). A continuation of MATH 3803. Topics include inverse, exponential, and logarithmic functions, systems of equations and inequalities, matrices and determinants, sequences and series, the Binomial Theorem, and mathematical induction.

MATH 4885 Special Topics in Applied Statistics 3/0/3

Prerequisite: Dependent upon course title

This course will be taught from a variety of statistical topics such as statistical quality control, applied time series, game theory, etc.

MATH 4983 Senior Project 1/0/1

Prerequisite: Senior standing as a mathematics major

A faculty-directed independent research project culminating in the writing of a paper and an oral presentation of the results of the project.

MATH 4985 Special Topics in Mathematics var. 1-3

Courses in selected areas upon demand. Titles will be specified at time of offering.

MUSIC**Humanities 105 • 678-839-6516**<http://www.westga.edu/~musicdpt/>

Professors, D. Bakos, L. Frazier, K. Hibbard (Chair); **Associate Professors**, J. Bleuel, C. Gingerich, D. Overmier; **Assistant Professors**, J. Franklin, E. Kramer, D. McCord

The Department of Music at West Georgia is dedicated to developing educators who are equally well trained as musicians and teachers, as well as performers, composers, and scholars who contribute performances, works, and ideas of integrity. Bachelor of Music degrees are offered with majors in Music Education, Composition, Performance, Performance with an Emphasis in Jazz Studies,

Performance with an Emphasis in Piano Pedagogy, and with Elective Studies in Business. The program of study in music education lead to Georgia State Teacher Certification. Students who pursue a major in another field of study may qualify to pursue a Minor in Music. All instruction is delivered by distinguished artist-teacher faculty with extensive credentials and professional experience. The University of West Georgia is an accredited institutional member of the National Association of Schools of Music.

Faculty and Facilities

The Department of Music's full- and part-time artist-teacher faculty delivers instruction in courses for music-major, music-minor, and non-music-major students. Members of the faculty have regional, national, and international reputations as performing artists and teachers. Others are well known for their research and creative activities.

Cultural events are presented in the Kathy Cashen Recital Hall, which houses a two-manual, 18-rank Reuter pipe organ and a 9-foot Steinway grand piano, and in the Townsend Center for the Performing Arts, which boasts a mainstage hall of 455 seats and an experimental "black-box" theater seating up to 250. Gracing the mainstage of the Townsend Center are twin Bösendorfer Imperial grand pianos, making West Georgia one of only a few institutions in the nation to have two such instruments on the same stage. In addition to the Kathy Cashen Recital Hall, the Humanities Building houses a state-of-the-art computer/music technology lab and a multi-media lecture hall. Other facilities dedicated to music are two large rehearsal rooms, a modern class-keyboard lab, a large percussion studio, a wing of practice rooms, music classrooms, and several faculty studios.

Opportunities in Music

Students at West Georgia, whether music majors, minors, or non-music majors, participate in a wide range of music activities for university credit. Music majors and minors follow a prescribed program of study, while non-music majors may select from a wide variety of offerings.

Many students perform in University ensembles, which include the Concert Choir, Chamber Singers, Opera Workshop, Wind Symphony, Symphony Band, Chamber Winds, Jazz Ensemble, Marching Band, Basketball Band, Keyboard Ensemble, Guitar Ensemble, Collegium Musicum, Brass Ensembles, Woodwind Ensembles, Percussion Ensembles, and various small chamber groups.

Private study is available in piano, organ, voice, and guitar, as well as in wind, brass, and percussion instruments. These private lessons are required of all music majors and minors (Principal Applied). Music majors who desire to study a second instrument may enroll in MUSC 4610: Secondary Applied.

Students also enroll in music courses offered in the Core Curriculum, including Music Appreciation; Jazz, Rock, and Popular Music; and Survey of World Music. To determine which courses can most suitably meet your needs, contact the Chair of the Department of Music.

Entrance Auditions and Placement Examinations

All incoming freshmen and transfer students planning to major in music must audition before the music faculty on their principal performing instrument or voice. A scholarship audition may serve as a student's admission audition.

Credit by examination for any course in the Music Theory or Keyboard Skills sequence must be validated by the course's faculty and processed through the Music Office and the Office of the Registrar.

Transfer Student Admission

The music major entering the Department of Music by transfer must submit an official transcript of all previous college work to the University's Office of Admissions. The applicant should be prepared to validate achievements in the area of applied music, music theory, ear training and sight singing, keyboard proficiency, and the history and literature of music. Plans for the removal of any deficiency must be initiated during the first registration period.

Transfer students must pass the level-change examination in order to register for upper-division principal-applied study (MUSC 4600: Principal Applied). For transfer students who have completed 2 years of applied study, the level-change examination may take place during the entrance audition. Otherwise it will occur during the applied jury examination in the semester when the student is ready for advancement from the lower-division to the upper-division level of study. Specific requirements regarding applied lessons are listed on the department website at: (<http://www.westga.edu/~musicdpt/>). For additional information about the performance standards for applied-music study, please see the faculty coordinator(s) in your area or the Chair of the Department of Music.

Music Scholarships

Music scholarship awards are available to qualified students as determined by a scholarship audition. Numerous students are served annually by these awards to music-major, music-minor, and non-music-major students. All awards are valid pending admission to and approval of funding by the University.

The Music Scholarship Committee considers many criteria before recommending a candidate for a scholarship award. These criteria include the candidate's anticipated contribution to departmental ensembles, the needs within the department, the financial need of the candidate, and the amount of award money available. For continuing students, additional considerations include their actual contributions to the department through solo performances and ensemble participation, improvement and growth in applied study, and academic standing.

Learning Outcomes

The learning outcomes for each of the degree programs in Music can be found at the Website <http://www.westga.edu/~musicdpt/effectiveness.html>.

Minor in Music

All new and transfer students planning to minor in music must audition for the music faculty on the principal performing instrument or voice and be evaluated for admission to the Music-Minor program. A scholarship audition may serve as a student's admission audition.

Music minors must be advised by a music faculty advisor and must sign the program-notification form.

MUSIC MINOR (18 Hrs.)

MUSC 1000 Comprehensive Music Laboratory (see note 1)	0
MUSC 1301 Music Theory I (see note 2)	3

MUSC 1401 Aural Skills I (see note 3)	1
MUSC 2600 Principal Applied (see note 4)	2
MUSC 3701 Western Music before 1825 or	
MUSC 3702 Western Music after 1825 and World Music	3
LOWER-DIVISION ELECTIVES IN MUSIC	3
UPPER-DIVISION ELECTIVES IN MUSIC	2

PRINCIPAL-APPLIED AREA:**WOODWIND, BRASS, or PERCUSSION**

MUSC 4700 Wind Ensemble, MUSC 4710 Symphony Band, MUSC 4720 Marching Band, MUSC 4730 Jazz Ensemble, MUSC 4740 Chamber Winds, or MUSC 4800 Small Ensembles (see note 5)	4
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PRINCIPAL-APPLIED AREA: VOICE

MUSC 4750 Concert Choir, MUSC 4760 Chamber Singers, or MUSC 4770 Opera Workshop (see note 5)	4
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PRINCIPAL-APPLIED AREA:**KEYBOARD, STRING, or GUITAR**

MUSC 4700 Wind Ensemble, MUSC 4710 Symphony Band, MUSC 4720 Marching Band, MUSC 4730 Jazz Ensemble, MUSC 4740 Chamber Winds, MUSC 4750 Concert Choir, MUSC 4760 Chamber Singers, MUSC 4770 Opera Workshop, or MUSC 4800 Small Ensembles (see note 5)	4
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TOTAL MUSIC-MINOR PROGRAM 18

1. Music minors enroll in MUSC 1000 (Section 01) Comprehensive Music Laboratory until they have completed 2 semesters of satisfactory attendance. Transfer students may transfer equivalent Comprehensive Music Laboratory credit earned at other institutions, if approved by the Department Chair. Students attend formal musical performances and participate in studio and ensemble laboratories at least one hour per week as specified by the Department of Music. Music Majors and Minors are required to enroll for a grade of S or U.
2. Any course in the Music-Theory course sequence can be taken for credit by examination. Credit by examination must be validated by the course's faculty and processed through the Music Office and the Office of the Registrar. Successful completion of the preceding course in the Music-Theory and Aural-Skills course sequences is the prerequisite for the subsequent course.
3. Orientation to Technology is included in the first five weeks of MUSC 1401 Aural Skills.
4. Enroll in 2600 Principal Applied (the principal performing instrument or voice) each term offered until a minimum of 2 credit hours has been earned. Students are expected to practice a minimum of one hour daily for each credit hour of enrollment in Principal Applied and perform for and be evaluated by a principal-applied jury at the end of each semester. Admission to MUSC 4600 requires passing a "level-change" performance jury examination after completion of 4 semesters of MUSC 2600. All credits earned in Principal Applied must be on a single instrument or in voice only.

5. Students pursuing the Music Minor must enroll in the specified ensemble(s) associated with the principal-applied area.

BACHELOR OF MUSIC

	Hours
Core Curriculum: Areas A-E (see pages 128-134)	42
CORE AREA F. MUSIC (18 Hrs.)	
MUSC 1301 Music Theory I (see note 1)	3
MUSC 1302 Music Theory II (see note 1)	3
MUSC 1401 Aural Skills I (see notes 1 and 2)	1
MUSC 1402 Aural Skills II (see note 1)	1
MUSC 1501 Keyboard Skills I (see note 3)	1
MUSC 1502 Keyboard Skills II (see note 3)	1
MUSC 2600 Principal Applied (see No. III)	4
MUSC 2700 Wind Ensemble, MUSC 2710 Symphony Band, MUSC 2720 Marching Band, or MUSC 2750 Concert Choir (see note 4)	4

1. Prerequisite: successful completion of the preceding course in the Music-Theory and Aural-Skills course sequences. Any course in the Music-Theory course sequence can be taken for credit by examination. Credit by examination must be validated by the course's faculty and processed through the Music Office and the Office of the Registrar.
2. Orientation to Technology is included in the first five weeks of MUSC 1401: Aural Skills.
3. Prerequisite: admission to music degree program or successful completion of the preceding course in the sequence. May be taken for credit by examination. Passing the Keyboard-Skills course sequence (i.e., MUSC 1501, 1502, 2501, 2502) constitutes keyboard proficiency. Keyboard proficiency is a prerequisite to MUSC 3850, 3900, 4171, 4172, 4181, 4182, 4311, 4400, and 4500. Students must enroll in Keyboard Skills each term offered for a minimum of four semesters and until successful completion. A course or courses in the sequence may receive credit by examination. Credit by examination for any course must be validated by the course's faculty and processed through the Music Office and the Office of the Registrar. The requirements for each proficiency level are included in the various Keyboard-Skills course syllabi.
4. Students enroll in the ensemble associated with the principal-applied area and according to the requirements specific to the major and option (See "Specific Requirements" for each major and option).

DEGREE: BACHELOR OF MUSIC

MAJOR: MUSIC EDUCATION

MUSIC EDUCATION MAJOR (51 Hrs)

MUSC 1000 Comprehensive Music Laboratory (see note 1)	0
MUSC 2301 Music Theory III (see note 2)	3
MUSC 2302 Music Theory IV (see note 2)	3
MUSC 2401 Aural Skills III (see note 2)	1
MUSC 2402 Aural Skills IV (see note 2)	1

MUSC 2501 Keyboard Skills III (see note 3)	1
MUSC 2502 Keyboard Skills IV (see note 3)	1
MUSC 2600 Principal Applied (see "Specific Requirements" No. III.)	2
MUSC 3230 Technology in Composition & Improvisation (Prerequisite: MUSC 1402, 2302)	2
MUSC 3601 Woodwind Techniques & Materials	1
MUSC 3602 Brass Techniques & Materials	1
MUSC 3603 Percussion Techniques & Materials	1
MUSC 3604 String Techniques & Materials	1
MUSC 3701 Western Music before 1825	3
MUSC 3702 Western Music after 1825 and World Music	3
MUSC 3850 Conducting (Prerequisite: MUSC 2302, 2402, 2502, and 2600 level change)	3
MUSC 3900 Music in the Elementary Schools (Prerequisite: MUSC 2302, 2402, and 2502, see note 6)	3
MUSC 4000 Music in the Secondary Schools (Prerequisite: MUSC 3850 and 3900, see note 6)	3
MUSC 4200 Orchestration & Arranging (Prerequisite: MUSC 3230)	2
MUSC 4600 Principal Applied (see note 4 and Specific Requirements No. III.)	6

OPTION: Woodwind, Brass, & Percussion

MUSC 3605 Voice Techniques & Materials (Prerequisite: MUSC 2402 or permission)	1
MUSC 4021 Instrumental Methods & Materials (see note 5 & 6)	3
MUSC 4700 Wind Ensemble, MUSC 4710 Symphony Band, or MUSC 4720 Marching Band (see "Specific Requirements" No. II.a.)	3
MUSC 28XX or MUSC 48XX one semester of Small Ensemble is required	

OPTION: Voice

MUSC 3606 Principles of Diction	1
MUSC 4011 Choral Methods & Materials (see note 5 & 6)	3
MUSC 4750 Concert Choir (see "Specific Requirements" No. II.b.)	3

OPTION: Keyboard, String, & Guitar

MUSC 3605 Voice Techniques & Materials	1
MUSC 4011 Choral Methods & Materials or MUSC 4021 Instrumental Methods & Materials (see note 5 & 6)	3
MUSC 4700 Wind Ensemble, MUSC 4710 Symphony Band, MUSC 4720 Marching Band, or MUSC 4750 Concert Choir (see "Specific Requirements" No. II.c.)	3

1. Six terms must be completed with the grade "S." Transfer students may transfer credit. (See "Requirements Common to all Bachelor of Music Degrees.")
2. Prerequisite: Successful completion of the preceding course in the Music-Theory and Aural-Skills course sequences. Any course in the Music-Theory

course sequence can be taken for credit by examination. Credit by examination must be validated by the course's faculty and processed through the Music Office and the Office of the Registrar.

3. Prerequisite: Admission to music degree program or successful completion of the preceding course in the sequence. May be taken for credit by examination. Passing the Keyboard-Skills course sequence (i.e., MUSC 1501, 1502, 2501, 2502) constitutes keyboard proficiency. Keyboard proficiency is a Prerequisite to MUSC 3850, 3900, 4171, 4172, 4181, 4182, 4311, 4400 and 4500. Students must enroll in Keyboard Skills each term offered for a minimum of four semesters and until successful completion. A course or courses in the sequence may receive credit by examination. Credit by examination for any course must be validated by the course's faculty and processed through the Music Office and the Office of the Registrar. The requirements for each proficiency level are included in the various Keyboard-Skills course syllabi.
4. Admission to MUSC 4600 requires passing a "level-change" performance-jury examination after completion of MUSC 2600.
5. Prerequisite: MUSC 4000 and admission to the Teacher Education program. Admission requires a GPA of at least 2.7 and passage of the GACE Basic Skills test.
6. This course includes a field-based music teaching experience once per week.

PROFESSIONAL EDUCATION (17 Hrs)

CEPD 4101 Educational Psychology P-12**	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
SPED 3715 Inclusive Classrooms**	3
MUSC 4186, 4187, 4188 Teaching Internship ***	9

***Prerequisite: admission to the Teacher Education program. Admission requires a GPA of at least 2.7 and passage of GACE Basic Skills Assessment.*

****Admission to the Teaching Internship requires the satisfactory completion of all coursework (see College of Education, p. 413). Application must be made one calendar year prior to the internship semester.*

TOTAL DEGREE PROGRAM

132

Specific Requirements

Bachelor of Music in Music Education

- I. Admission to the Music Education Major requires completion of the Music-Theory, Aural-Skills, and Keyboard-Skills course sequences, a minimum GPA of 2.7, passing the level-change examination, and departmental approval. Admission to the Teacher Education program requires the completion of Core Areas A - F; a minimum GPA of 2.7, including courses in the Core Curriculum transferred from other institutions; proficiency in writing (demonstrated by writing samples and/or a grade of C or better in ENGL 1102, proficiency in oral communication, satisfactory completion

of the Regents' Exam and the GACE Basic Skills Assessment; satisfactory completion of prerequisite courses and other departmental requirements; competency in music technology (demonstrated by a grade of C or better in MUSC 3230) ; and approval by the Department of Music. Successful completion of the Music education program requires that students must earn a grade of C or better in all professional education sequence courses and in supporting courses for the teaching field, including Area F of the core (see College of Education, p. 413). Satisfactory completion of the GACE Content Assessments in Music is required for Georgia Teacher Certification.

II. Ensemble Requirement

- a. Woodwind, brass, and percussion instrumentalists pursuing the Music Education major must be in Marching Band or Symphony Band each term offered, with the exception of the semester of the teaching internship. One semester of Small Ensemble is also required.
- b. Voice students pursuing the Music Education major must be in Concert Choir each term offered, with the exception of the semester of the teaching internship.
- c. Keyboard, string, and guitar students pursuing the Music Education major must be in Marching Band, Symphony Band, or Concert Choir each term offered, with the exception of the semester of the teaching internship.

III. Principal-Applied Requirements

- a. Students must register for MUSC 2600 Principal Applied (the principal performing instrument or voice) each term offered for a minimum of 6 credit hours and until passage of the level-change examination. Thereafter, the student must enroll in MUSC 4600 each term offered until a minimum of 6 credit hours has been earned. All credits earned in Principal Applied must be on a single instrument or in voice only.
- b. Students must attend Principal-Applied seminars, master classes, recitals, and studio classes as part of the MUSC 1000 requirement.
- c. Solo Public Performances in Principal-Applied area: Freshman year (1), Sophomore year (1), Junior year (1), and Senior year (1).
- d. Music Education majors perform either a public recital of 20-40 minutes or a 15-minute (minimum) program for hearing by the music faculty, each based on studies in Principal Applied and completed prior to the semester of student teaching. Although not required, degree recitals are encouraged for students whose repertoire and quality of work merit such performances. Degree recitals must be auditioned for approval by a faculty committee. Principal-Applied voice recitals must collectively include works sung in English, Italian, and French or German.

DEGREE: BACHELOR OF MUSIC

MAJOR: PERFORMANCE

OPTIONS: Woodwind, Brass, Percussion; Voice; String & Guitar

PERFORMANCE MAJOR (60 Hrs.)

MUSC 1000 Comprehensive Music Laboratory (see note 1)	0
MUSC 2301 Music Theory III (see note 2)	3
MUSC 2302 Music Theory IV (see note 2)	3

MUSC 2401 Aural Skills III (see note 2)	1
MUSC 2402 Aural Skills IV (see note 2)	1
MUSC 2501 Keyboard Skills III (see note 3)	1
MUSC 2502 Keyboard Skills IV (see note 3)	1
MUSC 2600 Principal Applied (see "Specific Requirements" No. II.)	4
MUSC 3230 Technology in Composition & Improvisation (Prerequisite: MUSC 1402, 2302)	2
MUSC 3701 Western Music before 1825	3
MUSC 3702 Western Music after 1825 and World Music	3
MUSC 3850 Conducting (Prerequisite: MUSC 2302, 2402, 2502, and 2600 level change)	3
MUSC 4200 Orchestration & Arranging (Prerequisite: MUSC 3230)	2
MUSC 4240 Form and Analysis (Prerequisite: MUSC 2302 or permission of instructor)	2
MUSC 4600 Principal Applied (see note 4 and "Specific Requirements" No. II.)	10
MUSC 4400 Counterpoint (Prerequisite: MUSC 2302, 2402, and 2502)	2
MUSC 4941 Half Recital (see note 5 and "Specific Requirements" No. II.d.)	0
MUSC 4942 Full Recital (see note 5 and "Specific Requirements" No. II.d.)	0
UPPER-DIVISION ELECTIVES IN MUSIC	8

OPTION: Woodwind, Brass, & Percussion

MUSC 3601 Woodwind Techniques and Materials, MUSC 3602 Brass Techniques and Materials, or MUSC 3603 Percussion Techniques and Materials (Enroll in the course associated with the Principal- Applied area.)	1
MUSC 4610 Secondary Applied or MUSC 4850 Applied Conducting (Prerequisite to MUSC 4850: MUSC 3850)	2
MUSC 4160 Instrumental Pedagogy and Literature	3
MUSC 4700 Wind Ensemble, MUSC 4710 Symphony Band, MUSC 4720 Marching Band, MUSC 4740 Chamber Winds, or 4800 Small Ensemble (see "Specific Requirements" No. I.a.)	4
MUSC 4800 Small Ensemble	1

OPTION: Voice

FOREIGN LANGUAGE: French, German, or Italian	3
MUSC 3606 Principles of Diction	1
MUSC 4150 Vocal Pedagogy and Literature	3
MUSC 4750 Concert Choir, MUSC 4760 Chamber Singers, or MUSC 4770 Opera Workshop (see "Specific Requirements" No. I.b.)	3
MUSC 4760 Chamber Singers or MUSC 4770 Opera Workshop	1

OPTION: String & Guitar

MUSC 3604 String Techniques and Materials	1	
MUSC 4610 Secondary Applied or		
MUSC 4850 Applied Conducting	2	
(Prerequisite to MUSC 4850: MUSC 3850)		
MUSC 4160 Instrumental Pedagogy and Literature	3	
MUSC 4700 Wind Ensemble, MUSC 4710 Symphony Band,		
MUSC 4720 Marching Band, MUSC 4740 Chamber Winds,		
MUSC 4750 Concert Choir, MUSC 4760 Chamber Singers,		
MUSC 4770 Opera Workshop or 4800 Small Ensemble	4	
(see "Specific Requirements" No. I.c.)		
MUSC 4800 Small Ensemble	1	
TOTAL DEGREE PROGRAM		120

1. Six terms must be completed with the grade "S." Transfer students may transfer credit. (See "Requirements Common to all Bachelor of Music Degrees.")
2. Prerequisite: Successful completion of the preceding course in the Music-Theory and Aural-Skills course sequences. Any course in the Music-Theory course sequence can be taken for credit by examination. Credit by examination must be validated by the course's faculty and processed through the Music Office and the Office of the Registrar.
3. Prerequisite: Admission to music degree program or successful completion of the preceding course in the sequence. May be taken for credit by examination. Passing the Keyboard-Skills course sequence (i.e., MUSC 1501, 1502, 2501, 2502) constitutes keyboard proficiency. Keyboard proficiency is a prerequisite to MUSC 3850, 3900, 4171, 4172, 4181, 4182, 4311, 4400 and 4500. Students must enroll in Keyboard Skills each term offered for a minimum of four semesters and until successful completion. A course or courses in the sequence may receive credit by examination. Credit by examination for any course must be validated by the course's faculty and processed through the Music Office and the Office of the Registrar. The requirements for each proficiency level are included in the various Keyboard-Skills course syllabi.
4. Admission to MUSC 4600 requires passing a "level-change" performance-jury examination after completion of MUSC 2600.
5. Prerequisite: Passing the degree-recital hearing and permission of the instructor.

Specific Requirements**Bachelor of Music in Performance**

OPTIONS: Woodwind, Brass, Percussion; Voice; String & Guitar

I. Ensemble Requirement

- a. Woodwind, brass, and percussion instrumentalists pursuing the Performance major must be in Wind Ensemble, Symphony Band, or Marching Band for the first 4 semesters offered. Thereafter, these students enroll in at least one wind and/or percussion ensemble appropriate to their Principal-Applied performance area every semester offered (with the possible exception of the semester of, or immediately prior to, the full recital).

- b. Voice students pursuing the Performance major must be in Concert Choir for the first 4 semesters offered. Thereafter, these students enroll in at least one vocal ensemble every semester offered (with the possible exception of the semester of, or immediately prior to, the full recital).
 - c. String and guitar students pursuing the Performance major must be in Wind Ensemble, Marching Band, Symphony Band, or Concert Choir for the first 4 semesters offered. Thereafter, these students enroll in at least one ensemble every semester offered (with the possible exception of the semester of, or immediately prior to, the full recital).
- II. Principal-Applied Requirements
- a. Students must register for MUSC 2600 Principal Applied (the principal performing instrument or voice) each term offered for a minimum of 8 credit hours and until passage of the level-change examination. Thereafter, the student must enroll in MUSC 4600 each term offered until a minimum of 10 credit hours has been earned. All credits earned in Principal-Applied must be on a single instrument or in voice only.
 - b. Students must attend Principal-Applied seminars, master classes, recitals, and studio classes as part of the MUSC 1000 requirement.
 - c. Solo Public Performances in Principal-Applied area: Freshman year (1), Sophomore year (2), Junior year (3), and Senior year (3).
 - d. The Performance major requires a Half Recital (20-30 minutes of music) during the junior year and a Full Recital (40-60 minutes of music) during the senior year, each based on studies in Principal Applied. Successful completion of MUSC 4941 Half Recital is a prerequisite for permission to enroll in MUSC 4942 Full Recital. Half and Full degree recitals must be auditioned for approval by a faculty committee. Principal-Applied voice recitals must collectively include works sung in English, French, German, and Italian.

DEGREE: BACHELOR OF MUSIC**MAJOR: PERFORMANCE**

OPTION: Keyboard EMPHASIS: Piano Pedagogy

PERFORMANCE MAJOR (60 Hrs.)

MUSC 1000 Comprehensive Music Laboratory (see note 1)	0
MUSC 2301 Music Theory III (see note 2)	3
MUSC 2302 Music Theory IV (see note 2)	3
MUSC 2401 Aural Skills III (see note 2)	1
MUSC 2402 Aural Skills IV (see note 2)	1
MUSC 2501 Keyboard Skills III (see note 3)	1
MUSC 2502 Keyboard Skills IV (see note 3)	1
MUSC 2600 Principal Applied (see "Specific Requirements" No. II.)	4
MUSC 3230 Technology in Composition & Improvisation (Prerequisite: MUSC 1402, 2302)	2
MUSC 3701 Western Music before 1825	3
MUSC 3702 Western Music after 1825 and World Music	3
MUSC 3850 Conducting (Prerequisite: MUSC 2302, 2402, 2502, and 2600 level change)	3

MUSC 4200 Orchestration & Arranging (Prerequisite: MUSC 3230)	2
MUSC 4240 Form and Analysis (Prerequisite: MUSC 2302 or permission of instructor)	2
MUSC 4600 Principal Applied (see note 4 and "Specific Requirements" No. II.)	10
MUSC 4400 Counterpoint (Prerequisite: MUSC 2302, 2402, and 2502)	2
MUSC 4941 Half Recital (see note 5 and "Specific Requirements" No. II.d.)	0
MUSC 4942 Full Recital (see note 5 and "Specific Requirements" No. II.d.)	0
MUSC 4171 Keyboard Literature before 1825	2
MUSC 4172 Keyboard Literature after 1825	2
MUSC 4700 Wind Ensemble, MUSC 4710 Symphony Band, MUSC 4720 Marching Band, MUSC 4740 Chamber Winds, MUSC 4750 Concert Choir, MUSC 4760 Chamber Singers, MUSC 4770 Opera Workshop or 4800 Small Ensemble (see "Specific Requirements" No. I.)	2
MUSC 4800 Small Ensemble: Keyboard Ensemble	1

KEYBOARD OPTION

MUSC 4181 Piano Pedagogy I	2
MUSC 4182 Piano Pedagogy II	2
MUSC 4175 Collaborative Keyboard Skills I	1
MUSC 4176 Collaborative Keyboard Skills II	1
UPPER-DIVISION ELECTIVES IN MUSIC	6

EMPHASIS IN PIANO PEDAGOGY

MUSC 4181 Piano Pedagogy I	2
MUSC 4182 Piano Pedagogy II	2
MUSC 4183 Piano Pedagogy III	2
MUSC 4184 Piano Pedagogy IV	2
MUSC 4175 Collaborative Keyboard Skills I	1
MUSC 4176 Collaborative Keyboard Skills II	1
UPPER-DIVISION ELECTIVES IN MUSIC	2

TOTAL DEGREE PROGRAM

120

1. Six terms must be completed with the grade "S." Transfer students may transfer credit. (See "Requirements Common to all Bachelor of Music Degrees.")
2. Prerequisite: Successful completion of the preceding course in the Music-Theory and Aural-Skills course sequences. Any course in the Music-Theory course sequence can be taken for credit by examination. Credit by examination must be validated by the course's faculty and processed through the Music Office and the Office of the Registrar.
3. Prerequisite: Admission to music degree program or successful completion of the preceding course in the sequence. May be taken for credit by examination. Passing the Keyboard-Skills course sequence (i.e., MUSC 1501, 1502, 2501, 2502) constitutes keyboard proficiency. Keyboard proficiency

is a prerequisite to MUSC 3850, 3900, 4171, 4172, 4181, 4182, 4311, 4400 and 4500. Students must enroll in Keyboard Skills each term offered for a minimum of four semesters and until successful completion. A course or courses in the sequence may receive credit by examination. Credit by examination for any course must be validated by the course's faculty and processed through the Music Office and the Office of the Registrar. The requirements for each proficiency level are included in the various Keyboard-Skills course syllabi.

4. Admission to MUSC 4600 requires passing a "level-change" performance-jury examination after completion of MUSC 2600.
5. Prerequisite: Passing the degree-recital hearing and permission of the instructor.

Specific Requirements

Bachelor of Music in Performance

OPTION: Keyboard EMPHASIS: Piano Pedagogy

I. Ensemble Requirement

Keyboard students pursuing the Performance major must be in Wind Ensemble, Marching Band, Symphony Band, or Concert Choir for the first 4 semesters offered. Thereafter, these students enroll in at least one ensemble every semester offered (with the possible exception of the semester of, or immediately prior to, the full recital).

II. Principal-Applied Requirements

- a. Students must register for MUSC 2600 Principal Applied (the principal performing instrument or voice) each term offered for a minimum of 8 credit hours and until passage of the level-change examination. Thereafter, the student must enroll in MUSC 4600 each term offered until a minimum of 10 credit hours has been earned. All credits earned in Principal Applied must be on a single keyboard instrument.
- b. Students must attend Principal-Applied seminars, master classes, recitals, and studio classes as part of the MUSC 1000 requirement.
- c. Solo Public Performances in Principal-Applied area: Freshman year (1), Sophomore year (2), Junior year (3), and Senior year (3).
- d. The Performance major requires a Half Recital (20-30 minutes of music) during the junior year and a Full Recital (40-60 minutes of music) during the senior year, each based on studies in Principal Applied. Successful completion of MUSC 4941 Half Recital is a prerequisite for permission to enroll in MUSC 4942 Full Recital. Half and Full degree recitals must be auditioned for approval by a faculty committee.

DEGREE: BACHELOR OF MUSIC

MAJOR: PERFORMANCE WITH EMPHASIS IN JAZZ STUDIES

OPTIONS: Woodwind, Brass, & Percussion; Keyboard, String & Guitar

PERFORMANCE: EMPHASIS IN JAZZ STUDIES (60 Hrs.)

MUSC 1000 Comprehensive Music Laboratory (see note 1)	0
MUSC 2301 Music Theory III (see note 2)	3
MUSC 2302 Music Theory IV (see note 2)	3
MUSC 2401 Aural Skills III (see note 2)	1
MUSC 2402 Aural Skills IV (see note 2)	1
MUSC 2501 Keyboard Skills III (see note 3)	1

MUSC 2502 Keyboard Skills IV (see note 3)	1
MUSC 2600 Principal Applied (see "Specific Requirements" No. II.)	4
MUSC 3230 Technology in Composition & Improvisation (Prerequisite: MUSC 2302, 2402, and 2502)	2
MUSC 3701 Western Music before 1825	3
MUSC 3702 Western Music after 1825 and World Music (Prerequisite: MUSC 3701)	3
MUSC 3850 Conducting (Prerequisite: MUSC 2302, 2402, 2502, and 2600 level change)	3
MUSC 4200 Orchestration & Arranging (Prerequisite: MUSC 3230 and 3601-3605/3606)	2
MUSC 4240 Form and Analysis (Prerequisite: MUSC 2302, 2402, and 2502)	2
MUSC 4600 Principal Applied (see note 4 and "Specific Requirements" No. II.)	10
MUSC 4400 Counterpoint (Prerequisite: MUSC 2302, 2402, and 2502 or equivalent)	2
MUSC 4941 Half Recital (see note 5 and "Specific Requirements" No. II.d.)	0
MUSC 4942 Full Recital (see note 5 and "Specific Requirements" No. II.d.)	0
MUSC 4943 Jazz Recital (see note 5 and "Specific Requirements" No. II.d.)	2
MUSC 4300 Jazz History and Styles	3
MUSC 4311 Applied Jazz Composition and Arranging	3
MUSC 4321 Applied Jazz Improvisation	5
MUSC 4730 Jazz Ensemble (see "Specific Requirements" No. I.)	4
MUSC 4800-O Small Ensemble: Jazz Combo (see "Specific Requirements" No. I.)	1
UPPER-DIVISION ELECTIVES IN MUSIC	3
TOTAL DEGREE PROGRAM	120

1. Six terms must be completed with the grade "S." Transfer students may transfer credit. (See "Requirements Common to all Bachelor of Music Degrees.")
2. Prerequisite: Successful completion of the preceding course in the Music-Theory and Aural-Skills course sequences. Any course in the Music-Theory course sequence can be taken for credit by examination. Credit by examination must be validated by the course's faculty and processed through the Music Office and the Office of the Registrar.
3. Prerequisite: Admission to music degree program or successful completion of the preceding course in the sequence. May be taken for credit by examination. Passing the Keyboard-Skills course sequence (i.e., MUSC 1501, 1502, 2501, 2502) constitutes keyboard proficiency. Keyboard proficiency is prerequisite to MUSC 3850, 3900, 4171, 4172, 4181, 4182, 4311, 4400 and 4500. Students must enroll in Keyboard Skills each term offered for a minimum of four semesters and until successful completion. A course

or courses in the sequence may receive credit by examination. Credit by examination for any course must be validated by the course's faculty and processed through the Music Office and the Office of the Registrar. The requirements for each proficiency level are included in the various Keyboard-Skills course syllabi.

4. Admission to MUSC 4600 requires passing a "level-change" performance-jury examination after completion of MUSC 2600.
5. Prerequisite: Passing the degree-recital hearing and permission of the instructor.

Specific Requirements

Bachelor of Music in Performance: Emphasis in Jazz Studies

OPTIONS: Woodwind, Brass, & Percussion; Keyboard, String & Guitar

- I. Ensemble Requirement
 - a. Woodwind, brass, and percussion instrumentalists pursuing the Performance major with Emphasis in Jazz Studies must be in Wind Ensemble, Symphony Band, or Marching Band for the first 4 semesters offered. Thereafter, these students enroll in Jazz Ensemble and are encouraged to perform in more than one ensemble per semester.
 - b. Keyboard, string, and guitar students pursuing the Performance major with Emphasis in Jazz Studies must be in Wind Ensemble, Symphony Band, Marching Band, or Concert Choir for the first 4 semesters offered. Thereafter, these students enroll in Jazz Ensemble and are encouraged to perform in more than one ensemble per semester.
- II. Principal-Applied Requirements
 - a. Students must register for MUSC 2600 Principal Applied (the principal performing instrument or voice) each term offered for a minimum of 8 credit hours and until passage of the level-change examination. Thereafter, the student must enroll in MUSC 4600 each term offered until a minimum of 10 credit hours has been earned. All credits earned in Principal Applied must be on a single instrument.
 - b. Students must attend Principal-Applied seminars, master classes, recitals, and studio classes as part of the MUSC 1000 requirement.
 - c. Solo Public Performances in Principal-Applied area: Freshman year (1), Sophomore year (2), Junior year (3), and Senior year (3).
 - d. The Performance major with Emphasis in Jazz Studies requires a Half Recital (20-30 minutes of music) during the junior year and a Full Recital (40-60 minutes of music) during the senior year, each based on studies in Principal Applied. Successful completion of MUSC 4941 Half Recital is a prerequisite for permission to enroll in MUSC 4942 Full Recital. Half and Full degree recitals must be auditioned for approval by a faculty committee. In addition, students must perform a Jazz Recital (20-30 minutes) during the senior year consisting of jazz compositions and improvisations on the principal-applied instrument, including original compositions written in MUSC 4311 Jazz Composition and Arranging.

DEGREE: BACHELOR OF MUSIC

MAJOR: COMPOSITION

COMPOSITION MAJOR (60 Hrs.)

MUSC 1000 Comprehensive Music Laboratory (see note 1)	0
MUSC 2301 Music Theory III (see note 2)	3
MUSC 2302 Music Theory IV (see note 2)	3
MUSC 2401 Aural Skills III (see note 2)	1
MUSC 2402 Aural Skills IV (see note 2)	1
MUSC 2501 Keyboard Skills III (see note 3)	1
MUSC 2502 Keyboard Skills IV (see note 3)	1
MUSC 2600 Principal Applied (see "Specific Requirements" No. II.)	2
MUSC 3230 Technology in Composition & Improvisation (Prerequisite: MUSC 1402, 2302)	2
MUSC 3601 Woodwind Techniques & Materials	1
MUSC 3602 Brass Techniques & Materials	1
MUSC 3603 Percussion Techniques & Materials	1
MUSC 3604 String Techniques & Materials	1
MUSC 3605 Voice Techniques & Materials (Prerequisite: music major, or music minor and MUSC 1401)	1
MUSC 3701 Western Music before 1825	3
MUSC 3702 Western Music after 1825 and World Music	3
MUSC 3850 Conducting (Prerequisite: MUSC 2302, 2402, 2502, and 2600 level change)	3
MUSC 4200 Orchestration & Arranging (Prerequisite: MUSC 3230)	2
MUSC 4240 Form and Analysis (Prerequisite: MUSC 2302 or permission of instructor)	2
MUSC 4600 Principal Applied (see note 4 and Specific Requirements No. II.)	9
MUSC 4610 Secondary Applied or	
MUSC 4850 Applied Conducting (Prerequisite to MUSC 4850: MUSC 3850)	3
MUSC 4941 Half Recital (see note 5 and "Specific Requirements" No. II.d.)	0
MUSC 4942 Full Recital (see note 5 and "Specific Requirements" No. II.d.)	0
MUSC 4400 Counterpoint (Prerequisite: MUSC 2302, 2402, and 2502 or equivalent)	2
MUSC 4410 Applied Composition (Prerequisite: MUSC 3230, admission to BM in Composition degree, or permission of the department chair)	4
UPPER-DIVISION ELECTIVES IN MUSIC	7

PRINCIPAL-APPLIED AREA:

Woodwind, Brass, or Percussion

MUSC 4700 Wind Ensemble, MUSC 4710 Symphony Band, MUSC 4720 Marching Band, MUSC 4740 Chamber Winds, or 4800 Small Ensemble (see "Specific Requirements" No. II.a.)	3
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PRINCIPAL-APPLIED AREA: Voice

MUSC 4750 Concert Choir, MUSC 4760 Chamber Singers, or MUSC 4770 Opera Workshop	3
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(see “Specific Requirements” No. II.b.)

PRINCIPAL-APPLIED AREA:

Keyboard, String, or Guitar

MUSC 4700 Wind Ensemble, MUSC 4710 Symphony Band,
 MUSC 4720 Marching Band, MUSC 4740 Chamber Winds,
 MUSC 4750 Concert Choir, MUSC 4760 Chamber Singers,
 MUSC 4770 Opera Workshop or 4800 Small Ensemble 3
 (see “Specific Requirements” No. II.c.)

TOTAL DEGREE PROGRAM 120

1. Six terms must be completed with the grade “S.” Transfer students may transfer credit. (See “Requirements Common to all Bachelor of Music Degrees.”)
2. Prerequisite: Successful completion of the preceding course in the Music-Theory and Aural-Skills course sequences. Any course in the Music-Theory course sequence can be taken for credit by examination. Credit by examination must be validated by the course’s faculty and processed through the Music Office and the Office of the Registrar.
3. Prerequisite: Admission to music degree program or successful completion of the preceding course in the sequence. May be taken for credit by examination. Passing the Keyboard-Skills course sequence (i.e., MUSC 1501, 1502, 2501, 2502) constitutes keyboard proficiency. Keyboard proficiency is a prerequisite to MUSC 3850, 3900, 4171, 4172, 4181, 4182, 4311, 4400 and 4500. Students must enroll in Keyboard Skills each term offered for a minimum of four semesters and until successful completion. A course or courses in the sequence may receive credit by examination. Credit by examination for any course must be validated by the course’s faculty and processed through the Music Office and the Office of the Registrar. The requirements for each proficiency level are included in the various Keyboard-Skills course syllabi.
4. Admission to MUSC 4600 requires passing a “level-change” performance-jury examination after completion of MUSC 2600.
5. Prerequisite: Passing the degree-recital hearing and permission of the instructor.

Specific Requirements

Bachelor of Music in Composition

- I. Ensemble Requirement
 - a. Woodwind, brass, and percussion instrumentalists pursuing the Composition major must be in Wind Ensemble, Symphony Band, or Marching Band for the first 4 semesters offered. Thereafter, these students enroll in at least one wind and/or percussion ensemble appropriate to their Principal-Applied performance area every semester offered (with the possible exception of the semester of, or immediately prior to, the full recital).
 - b. Voice students pursuing the Composition major must be in Concert Choir for the first 4 semesters offered. Thereafter, these students enroll in at least one vocal ensemble every semester offered (with the possible exception of the semester of, or immediately prior to, the full recital).
 - c. Keyboard, string, and guitar students pursuing the Composition

major must be in Wind Ensemble, Marching Band, Symphony Band, or Concert Choir for the first 4 semesters offered. Thereafter, these students enroll in at least one ensemble every semester offered (with the possible exception of the semester of, or immediately prior to, the full recital).

II. Principal-Applied Requirements

- a. Students must register for MUSC 2600 Principal Applied (the principal performing instrument or voice) each term offered for a minimum of 6 credit hours and until passage of the level-change examination. Thereafter, the student must enroll in MUSC 4600 each term offered until a minimum of 9 credit hours has been earned. All credits earned in Principal Applied must be on a single instrument or in voice only.
- b. Students must attend Principal-Applied seminars, master classes, recitals, and studio classes as part of the MUSC 1000 requirement.
- c. Solo Public Performances in Principal-Applied area: Freshman year (1), Sophomore year (1), Junior year (1), and Senior year (1).
- d. The Composition major requires a Half Recital (20-30 minutes of music) of the student's original compositions during the junior year and a Full Recital (40-60 minutes of music) of the student's original compositions during the senior year. Successful completion of MUSC 4941 Half Recital is a prerequisite for permission to enroll in MUSC 4942 Full Recital. Half and Full degree recitals must be auditioned for approval by a faculty committee.

DEGREE: BACHELOR OF MUSIC

MAJOR: MUSIC WITH ELECTIVE STUDIES IN BUSINESS

MUSIC MAJOR (42 Hrs.)

MUSC 1000 Comprehensive Music Laboratory (see note 1)	0
MUSC 2301 Music Theory III (see note 2)	3
MUSC 2302 Music Theory IV (see note 2)	3
MUSC 2401 Aural Skills III (see note 2)	1
MUSC 2402 Aural Skills IV (see note 2)	1
MUSC 2501 Keyboard Skills III (see note 3)	1
MUSC 2502 Keyboard Skills IV (see note 3)	1
MUSC 2600 Principal Applied (see "Specific Requirements" No. II.)	2
MUSC 3230 Technology in Composition & Improvisation (Prerequisite: MUSC 1402, 2302)	2
MUSC 3601 Woodwind Techniques & Materials	1
MUSC 3602 Brass Techniques & Materials	1
MUSC 3603 Percussion Techniques & Materials	1
MUSC 3604 String Techniques & Materials	1
MUSC 3605 Voice Techniques & Materials or	
MUSC 3606 Principles of Diction (Prerequisite: MUSC 1402)	1
MUSC 3701 Western Music before 1825	3
MUSC 3702 Western Music after 1825 and World Music	3
MUSC 3850 Conducting (Prerequisite: MUSC 2302, 2402, 2502,	3

and 2600 level change)	
MUSC 4200 Orchestration & Arranging (Prerequisite: MUSC 3230)	2
MUSC 4600 Principal Applied (see note 4 and Specific Requirements No. II.)	6
MUSC 4610 Secondary Applied or MUSC 4850 Applied Conducting (Prerequisite: MUSC 3850)	3

PRINCIPAL-APPLIED AREA:**Woodwind, Brass, Or Percussion**

MUSC 4700 Wind Ensemble, MUSC 4710 Symphony Band, or MUSC 4720 Marching Band (see "Specific Requirements" No. II.a.)	3
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PRINCIPAL-APPLIED AREA: Voice

MUSC 4750 Concert Choir (see "Specific Requirements" No. II.b.)	3
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PRINCIPAL-APPLIED AREA:**Keyboard, String, or Guitar**

MUSC 4700 Wind Ensemble, MUSC 4710 Symphony Band, MUSC 4720 Marching Band, or MUSC 4750 Concert Choir (see "Specific Requirements" No. II.c.)	3
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1. Six terms must be completed with the grade "S." Transfer students may transfer credit. (See "Requirements Common to all Bachelor of Music Degrees.")
2. Prerequisite: Successful completion of the preceding course in the Music-Theory and Aural-Skills course sequences. Any course in the Music-Theory course sequence can be taken for credit by examination. Credit by examination must be validated by the course's faculty and processed through the Music Office and the Office of the Registrar.
3. Prerequisite: Admission to music degree program or successful completion of the preceding course in the sequence. May be taken for credit by examination. Passing the Keyboard-Skills course sequence (i.e., MUSC 1501, 1502, 2501, 2502) constitutes keyboard proficiency. Keyboard proficiency is a prerequisite to MUSC 3850, 3900, 4171, 4172, 4181, 4182, 4311, 4400 and 4500. Students must enroll in Keyboard Skills each term offered for a minimum of four semesters and until successful completion. A course or courses in the sequence may receive credit by examination. Credit by examination for any course must be validated by the course's faculty and processed through the Music Office and the Office of the Registrar. The requirements for each proficiency level are included in the various Keyboard-Skills course syllabi.
4. Admission to MUSC 4600 requires passing a "level-change" performance-jury examination after completion of MUSC 2600.
5. Prerequisite: Passing the degree-recital hearing and permission of the instructor.

STUDIES IN BUSINESS (18 Hrs.)

BUSA 2106 Legal Environment of Business*	3
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MGNT 3600 Management*	3
MKTG 3803 Principles of Marketing*	3
MKTG 4886 Marketing Internship or MUSC 4865 Music Business Internship**	3

TWO ELECTIVE COURSES FROM THE FOLLOWING:

ACCT 2101 Principles of Accounting I, MKTG 3801 Art of Selling and Personal Dynamics, MKTG 3809 Advertising Practices, MKTG 4861 Services Marketing, MKTG 4864 Consumer Behavior, or MGNT 3618 Entrepreneurship and Small Business Management	6
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*Students must successfully complete BUSA 2106 Legal Environment of Business, MGNT 3600 Management, and MKTG 3803 Principles of Marketing prior to enrollment in elective business courses.

**All required and elective business courses must be completed prior to enrollment in the internship.

TOTAL DEGREE PROGRAM 120

Specific Requirements

Bachelor of Music with Elective Studies in Business

I. Ensemble Requirement

- a. Woodwind, brass, and percussion instrumentalists pursuing the Bachelor of Music degree with Elective Studies in Business must be in Marching Band, Wind Ensemble, or Symphony Band each term offered, with the exception of the semester of the internship.
- b. Voice students pursuing the Bachelor of Music degree with Elective Studies in Business must be in Concert Choir each term offered, with the exception of the semester of the internship.
- c. Keyboard, string, and guitar students pursuing the Bachelor of Music degree with Elective Studies in Business must be in Wind Ensemble, Marching Band, Symphony Band, or Concert Choir each term offered, with the exception of the semester of the internship.

II. Principal-Applied Requirements

- a. Students must register for MUSC 2600 Principal Applied (the principal performing instrument or voice) each term offered for a minimum of 6 credit hours and until passage of the level-change examination. Thereafter, the student must enroll in MUSC 4600 each term offered until a minimum of 6 credit hours has been earned. All credits earned in Principal Applied must be on a single instrument or in voice only.
- b. Students must attend Principal-Applied seminars, master classes, recitals, and studio classes as part of the MUSC 1000 requirement.
- c. Solo Public Performances in Principal-Applied area: Freshman year (1), Sophomore year (1), Junior year (1), and Senior year (1).
- d. Students pursuing the Bachelor of Music degree with Elective Studies in Business perform either a public recital of 20-40 minutes or a 15-minute (minimum) program for hearing by the music faculty, each based on studies in Principal Applied and completed prior to the semester of internship. Although not required, degree recitals are encouraged for students whose repertoire and quality of work merit

such performances. Degree recitals must be auditioned for approval by a faculty committee. Principal-Applied voice recitals must collectively include works sung in English, Italian, and French or German.

MUSIC COURSES (MUSC)

- MUSC 1000 Comprehensive Music Laboratory** **0/0/0**
 Prerequisite: Admission to the Bachelor of Music degree program
 Attending formal musical performances and participating in studio and ensemble laboratories at least one hour per week as specified by the Department of Music. Music majors and minors are required to enroll for a grade of S or U.
- MUSC 1100 Music Appreciation** **3/1/3**
 A listener's guide to Western classical musical styles through recordings, live performances, and other media. Meets Core area C Humanities and Fine Arts requirement.
- MUSC 1110 Survey of World Music** **2/1/2**
 A listener's guide to non-Western musical styles through recordings, live performances, and other media. The course surveys selected music from various cultures throughout the world. Meets Core area B Institutional Options requirement.
- MUSC 1120 Survey of Jazz, Rock, and Popular Music** **3/1/3**
 A listener's guide to Jazz, Rock, and Popular musical styles through recordings, live performances, and other media. Meets Core area C Humanities and Fine Arts requirement.
- MUSC 1201 Class Piano I** **0/2/1**
 Beginning group piano study for non-music majors. Fundamentals and development of technical and functional skills, including keyboard theory and technique, music reading, sight reading, harmonization, transposition, and improvisation.
- MUSC 1202 Class Piano II** **0/2/1**
 Prerequisite: MUSC 1201 or consent of instructor
 Continuation of MUSC 1201. Beginning group piano study for non-music majors. Fundamentals and development of technical and functional skills, including keyboard theory and technique, music reading, sight reading, harmonization, transposition, and improvisation with more emphasis on keyboard theory, including major scales and four-part harmony, sight reading, transposition, improvisation, harmonization, and repertoire. Introduction to chord progressions using secondary chords in major and minor keys, accompaniment styles, and improvisation. May be exempted by departmental exam.
- MUSC 1210 Group Classical Guitar** **0/var/1**
 Prerequisite: The student must supply his/her own classical-style guitar.
 Group instruction in classical guitar including fundamentals of hand positions, tone production, practice techniques, music reading, and literature. May be repeated for credit. Course does not meet Principal- or Secondary-Applied course requirements for music major degree programs.

MUSC 1250 The Elements of Music **2/0/2**

A pre-theory course focusing on the study of the common elements of music (i.e., melody, harmony, rhythm, timbre, texture, form, and expressive qualities) and their interaction, and the ability to employ this understanding in aural, verbal, and visual analyses. Includes an introduction to the keyboard and use of the singing voice. Uses the tools of music technology. Course intended for non-music majors or for those students who are not prepared to enroll in MUSC 1301 and/or MUSC 1401.

MUSC 1301 Music Theory I **3/1/3**

Prerequisite: Admission to music degree program or music minor, or ability to read traditional music notation and permission of the department chair.

An initial study of music fundamentals, theory, literature, score reading, and SATB part writing. Students complete assignments by using traditional methods and by using the tools of music technology.

MUSC 1302 Music Theory II **3/1/3**

Prerequisite: MUSC 1301

Continuation of MUSC 1301 to seventh chords and secondary dominant chords, chromatic harmony (augmented and Neapolitan sixth chords), through ninth, eleventh, and thirteenth chords. Students complete assignments by using traditional methods and by using the tools of music technology.

MUSC 1401 Aural Skills I **1/2/1**

Prerequisite: Admission to music degree program or music minor, or ability to read traditional music notation and permission of the department chair.

Laboratory for development of music literacy, sight-singing diatonic melodies, executing basic rhythmic patterns, and training the ear to hear major and minor tonalities. Includes orientation to technology laboratory.

MUSC 1402 Aural Skills II **1/2/1**

Prerequisite: MUSC 1401

Continuation of MUSC 1401, including sight-singing major and minor melodies, development of rhythm skills, and training the ear to hear functional harmonic progressions. Introduction to sight-singing chromatic melodies, further development of rhythm skills, and training the ear to hear chromatic harmonic progressions. Students complete assignments by using traditional methods and by using the tools of music technology.

MUSC 1501 Keyboard Skills I **0/2/1**

Prerequisite: Admission to Music degree program or music minor

Beginning keyboard study for music majors. Fundamentals and development of technical and functional skills, including keyboard theory and technique, music reading, sight reading, harmonization, transposition, and improvisation. May be exempted by departmental examination. Must be taken concurrently with MUSC 1301.

MUSC 1502 Keyboard Skills II**0/2/1**

Prerequisite: MUSC 1501

Continuation of MUSC 1501. Fundamentals and development of technical and functional skills, including keyboard theory and technique, music reading, sight reading, harmonization, transposition, and improvisation with more emphasis on keyboard theory, including major scales and four-part harmony, sight reading, transposition, improvisation, harmonization, and repertoire. Introduction to chord progressions using secondary chords in major and minor keys, accompaniment styles, and improvisation. May be exempted by departmental exam. Must be taken concurrently with MUSC 1302.

MUSC 2301 Music Theory III**3/1/3**

Prerequisite: MUSC 1302

Continuation of MUSC 1302. Review of tonal tertian harmony; introduction to musical forms and analytic techniques of Baroque and Classical music. Students complete assignments by using traditional methods as well as the tools of music technology.

MUSC 2302 Music Theory IV**3/1/3**

Prerequisite: MUSC 2301

Continuation of MUSC 2301. Forms and analytic techniques of Romantic and Impressionist music. Introduction to styles, forms, and analytic techniques of twentieth-century music including serial, jazz, and electronic. Students complete assignments by using traditional methods as well as the tools of music technology.

MUSC 2401 Aural Skills III**1/2/1**

Prerequisite: MUSC 1402

Continuation of MUSC 1402, including sight-singing advanced chromatic melodies, and further development of rhythm and aural analysis skills. Students complete assignments by using traditional methods as well as the tools of music technology.

MUSC 2402 Aural Skills IV**1/2/1**

Prerequisite: MUSC 2401

Continuation of MUSC 2401, including sight-singing advanced modulatory melodies, sight-singing atonal melodies, and further development of rhythm and aural analysis skills. Students complete assignments by using traditional methods as well as the tools of music technology.

MUSC 2501 Keyboard Skills III**0/2/1**

Prerequisite: MUSC 1302 and 1502

Continuation of MUSC 1502 with emphasis on more difficult repertoire, reading four-part harmony, chord progressions using secondary chords in major and minor keys, various types of seventh chords, diatonic triads in major and minor keys, accompaniment styles, improvisation, and repertoire. May be exempted by departmental exam.

MUSC 2502 Keyboard Skills IV**0/2/1**

Prerequisite: MUSC 2501

Continuation of MUSC 2501 with emphasis on modal, chromatic, and whole-tone scales; sight reading accompaniments of vocal and instrumental solos; transposition; improvisation; and repertoire including patriotic songs. Passing this course satisfies the departmental keyboard proficiency requirements. May be exempted by departmental exam.

MUSC 2600A-Q Principal Applied**1 or 2 /var.**

A Piano, B Organ, C Voice, D Strings, E Guitar, F Flute, G Oboe, I Clarinet, J Bassoon, K Saxophone, L Horn, M Trumpet, N Trombone, O Euphonium, P Tuba, and Q Percussion

Prerequisite: Admission to a Music degree program or music minor

Private lessons for music majors at the lower-division level on the principal instrument or voice. Lessons include studies in technical, stylistic, and aesthetic elements of artistic performance. Repertory studied is from the standard literature. All courses are repeatable for one or two hours of credit—one 25-minute lesson per week per credit hour. An applied music fee is charged per credit hour enrolled.

MUSC 2610A-Q Non-Music-Major Applied**1 or 2/var.**

A Piano, B Organ, C Voice, D Strings, E Guitar, F Flute, G Oboe, I Clarinet, J Bassoon, K Saxophone, L Horn, M Trumpet, N Trombone, O Euphonium, P Tuba, and Q Percussion

Prerequisite: Non-music majors only; Technical proficiency in an applied performance area

Private lessons for non-music majors on an instrument or voice. Lessons include studies in technical, stylistic, and aesthetic elements of artistic performance. Repertory studied is from the standard literature. All courses are repeatable for one or two hours of credit—one 25-minute lesson per week per credit hour. An applied music fee is charged per credit hour enrolled. Requires departmental permission to enroll.

MUSC 2700 Wind Ensemble**0/var./1**

Prerequisite: Technical proficiency or a successful audition

The study and performance of wind band literature from original, transcribed, contemporary, and diverse cultural sources. Includes on-campus and sometimes off-campus performances. Open by audition to music-major and non-music-major students.

MUSC 2710 Symphony Band**0/var./1**

Prerequisite: Technical proficiency or a successful audition

The study and performance of wind band literature from original, transcribed, contemporary, and diverse cultural sources. Includes on-campus and sometimes off-campus performances. Open to music-major and non-music-major students.

MUSC 2720 Marching Band**0/var./1**

Prerequisite: Technical proficiency or a successful audition

The study and performance of musical and visual programs for marching band. Includes the presentation of performances for home football games and for selected out-of-town games and exhibitions. Pre-season band camp required. Open to music-major and non-music-major students.

- MUSC 2730 Jazz Ensemble** 0/var./1
 Prerequisite: Technical proficiency or a successful audition
 The study and performance of literature composed for jazz ensembles from original, transcribed, contemporary, and diverse cultural sources. Includes on-campus and sometimes off-campus performances. Open by audition to music-major and non-music-major students.
- MUSC 2740 Chamber Winds** 0/var./1
 Prerequisite: Technical proficiency or a successful audition
 The study and performance of literature composed for chamber winds and wind/percussion ensembles from original, transcribed, contemporary, and diverse cultural sources. Includes on-campus and sometimes off-campus performances. Open by audition to music-major and non-music-major students.
- MUSC 2750 Concert Choir** 0/var./1
 Prerequisite: Technical proficiency or a successful audition
 The study and performance of choral literature from traditional, contemporary, and diverse cultural sources. Includes on-campus and sometimes off-campus performances. Open to music-major and non-music-major students.
- MUSC 2760 Chamber Singers** 0/var./1
 Prerequisite: Technical proficiency or a successful audition
 The study and performance of literature composed for vocal chamber ensembles from traditional, contemporary, and diverse cultural sources. Includes on-campus and sometimes off-campus performances. Open by audition to music-major and non-music-major students.
- MUSC 2770 Opera Workshop** 0/var./1
 Prerequisite: Technical proficiency or a successful audition
 The study and performance of operatic literature from traditional, contemporary, and diverse cultural sources. Includes on-campus and sometimes off-campus performances. Open by audition to music-major and non-music-major students.
- MUSC 2800A-Q Small Ensemble** 0/var./1
 A Keyboard Ens., B Collegium Musicum, C Guitar Ens., D Flute Choir, E Clarinet Choir, F Saxophone Choir, G Woodwind Ens., I Horn Choir, J Trumpet Choir, K Trombone Choir, L Tuba/Euphonium Ens., M Brass Ens., N Percussion Ens., O Jazz Combo, P Basketball Band, Q Mixed Chamber Ensemble
 Prerequisite: Permission of instructor
 The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.
- MUSC 3000 Music for Classroom Teachers** 2/0/2
 Study of principles, fundamentals, skills, techniques, and materials for teaching music in preschool through elementary classroom settings. Includes basic fundamentals and elements of music, lesson planning, and presentations. Intended for Early Childhood, Middle Grades, and Special Education majors.

- MUSC 3230 Technology in Composition & Improvisation** 2/1/2
 Prerequisite: MUSC 1401 and 2302
 Beginning studies in combining musical elements in an artistic fashion by using the tools of music technology. Students complete composition projects and study basic improvisation techniques.
- MUSC 3601 Woodwind Techniques and Materials** 1/2/1
 Prerequisite: Music major or minor or permission of the instructor
 Principles, fundamentals, and techniques of playing and teaching flute, oboe, clarinet, bassoon, and saxophone. Includes a survey of instructional materials and literature for woodwind instruments.
- MUSC 3602 Brass Techniques and Materials** 1/2/1
 Prerequisite: Music major or minor or permission of the instructor
 Principles, fundamentals, and techniques of playing and teaching trumpet, horn, trombone, euphonium, and tuba. Includes a survey of instructional materials and literature for brass instruments.
- MUSC 3603 Percussion Techniques and Materials** 1/2/1
 Prerequisite: Music major or minor or permission of the instructor
 Principles, fundamentals, and techniques of playing and teaching tuned- and untuned-percussion instruments. Includes a survey of instructional materials and literature for percussion instruments.
- MUSC 3604 String Techniques and Materials** 1/2/1
 Prerequisite: Music major or minor or permission of the instructor
 Principles, fundamentals, and techniques of playing and teaching violin, viola, violoncello, double bass, and guitar. Includes a survey of instructional materials and literature for string instruments.
- MUSC 3605 Voice Techniques and Materials** 1/2/1
 Prerequisite: Music major or music minor and MUSC 1401
 Principles, fundamentals, pedagogy, and techniques for singing. Includes a survey of instructional materials and literature for voice.
- MUSC 3606 Principles of Diction** 1/2/1
 Prerequisite: MUSC 1402
 Fundamentals of French, German, and Italian languages as used in song. Required of Music Education and Performance majors with voice as the principal instrument.
- MUSC 3701 Western Music before 1825** 3/0/3
 Prerequisite: Music major or minor and MUSC 1302 and 1402; or the ability to read musical scores and the permission of the instructor.
 A survey of selected musical styles, composers, and genres, 800-1825.
- MUSC 3702 Western Music after 1825 and World Music** 3/0/3
 Prerequisite: Music major or minor and MUSC 1302 and 1402; or the ability to read musical scores and the permission of the instructor.
 A survey of selected musical styles, composers, and genres of American and European art music 1825-present and non-Western music. Preparation of a research paper involves use of the tools of information and word-processing technology.

- MUSC 3850 Conducting** 3/0/3
 Prerequisite: MUSC 2302, 2402, and 2502 and passing the MUSC 2600 level-change jury examination
 A study of the fundamentals of conducting instrumental and choral ensembles including baton techniques, interpretation, leadership, score analysis, and repertoire. Students have the opportunity to conduct small and large ensembles.
- MUSC 3900 Music in the Elementary Schools** 3/2/3
 Prerequisite: MUSC 2302, 2402, and 2502 or permission of the department chair
 Principles, methods, and materials for teaching music in the elementary schools. Includes the study of instructional procedures, techniques, resources, and tools for teaching appropriate for early childhood and elementary school children; appraisal of instructional innovations; classroom organization and management; and measurement and evaluation techniques. Includes a field-experience component.
- MUSC 4000 Music in the Secondary Schools** 3/2/3
 Prerequisite: MUSC 3850 and 3900 or permission of the department chair
 Principles, methods, and materials for teaching music in the middle, junior high, and high schools. Includes the study of instructional procedures, techniques, resources, and tools for teaching appropriate for secondary school children; appraisal of instructional innovations; classroom organization and management; and measurement and evaluation techniques. Includes a field-experience component.
- MUSC 4011 Choral Methods and Materials** 3/2/3
 Prerequisite: Admission to the teacher education program and MUSC 3850 and 4000
 Principles, procedures, techniques, literature, tools, methods, and materials used in teaching choral music. Includes a field-experience component.
- MUSC 4021 Instrumental Methods and Materials** 3/2/3
 Prerequisite: Admission to the teacher education program and MUSC 3850 and 4000
 Principles, procedures, techniques, literature, tools, methods, and materials used in teaching instrumental music. Includes a field-experience component.
- MUSC 4150 Vocal Pedagogy and Literature** 3/0/3
 Prerequisite: Passing the MUSC 2600 level-change jury examination
 The study of the methodology of teaching voice and a survey of standard vocal literature.
- MUSC 4160 Instrumental Pedagogy and Literature** 3/0/3
 Prerequisite: Passing the MUSC 2600 level-change jury examination
 The study of instrumental teaching methods and materials and a survey of standard literature for selected band and orchestra instruments.
- MUSC 4171 Keyboard Literature before 1825** 2/0/2
 Prerequisite: MUSC 2302, 2402, and 2502 and passing the MUSC 2600 level-change jury examination, or permission of the instructor
 A survey of standard keyboard literature before 1825.

MUSC 4172 Keyboard Literature after 1825 2/0/2

Prerequisite: MUSC 2302, 2402, and 2502 and passing the MUSC 2600 level-change jury examination, or permission of the instructor
A survey of standard keyboard literature after 1825.

MUSC 4175 Collaborative Keyboard Skills I 1/2/1

Prerequisite: MUSC 2302, 2402, and 2502 and passing the MUSC 2600 level-change jury examination, or permission of the instructor
The study of ensemble techniques, score preparation, rehearsal skills, coaching techniques and performance strategies for performing standard vocal/choral literature. Sight reading is emphasized and students participate in an on-campus accompanying practicum.

MUSC 4176 Collaborative Keyboard Skills II 1/2/1

Prerequisite: MUSC 2302, 2402, 2502, and passing the music 2600 level-change jury examination, or permission of the instructor
The study of ensemble techniques, score preparation, rehearsal skills, coaching techniques and performance strategies for performing standard instrumental literature. Sight reading is emphasized and students participate in an on-campus accompanying practicum.

MUSC 4181 Piano Pedagogy I 2/1/2

Prerequisite: MUSC 1302, 1402, and 1502 or permission of the instructor
An introduction to the basic materials and pedagogical strategies for teaching private and class, early and mid elementary, piano students. Pedagogy students will participate in a supervised teaching practicum.

MUSC 4182 Piano Pedagogy II 2/1/2

Prerequisite: MUSC 4181 or permission of the instructor
This is a continuation of Pedagogy I with a special focus on the late elementary student and group teaching. Pedagogy students will participate in several supervised teaching situations.

MUSC 4183 Piano Pedagogy III 2/1/2

Prerequisite: MUSC 4182 or permission of the instructor
An examination of the materials and methods for teaching intermediate and early advanced level piano students. Authentic performance practice style for standard Baroque and Classical music will be discussed. Students will participate in a teaching practicum.

MUSC 4184 Piano Pedagogy IV 2/1/2

Prerequisite: MUSC 4183 or permission of the instructor
This is a continuation of Pedagogy III, teaching of the intermediate and early advanced student, but will focus on authentic performance practice style for standard Romantic and Modern repertoire. Students will participate in a teaching practicum.

MUSC 4186, 4187, 4188 Teaching Internship 0/0/9

Prerequisite: MUSC 4011 or 4021
Teaching one semester in the public schools under the supervision of an experienced, qualified classroom teacher on the level of and in the field of intended certification. A seminar is scheduled as an integral part of the student-teaching sequence. Meeting times and places are scheduled by the individual university supervisors (S, U, or I grades).

- MUSC 4200 Orchestration and Arranging** 2/1/2
 Prerequisite: MUSC 3230
 The study of instrumentation, orchestration, and arranging techniques for instrumental and vocal ensembles. Projects use traditional methods and the current tools of music technology.
- MUSC 4240 Form and Analysis** 2/0/2
 Prerequisite: MUSC 2302 or permission of instructor
 Study of the theoretical and historical development of forms and of advanced techniques of analysis. Analytical study will cover selected forms and works from the Baroque style periods to the present.
- MUSC 4300 Jazz History and Styles** 3/0/3
 Prerequisite: Ability to read musical scores
 The history and styles of jazz from its origins to fusion.
- MUSC 4311 Applied Jazz Composition and Arranging** 1-2/var.
 Prerequisite: Admission to the Bachelor of Music with emphasis in Jazz Studies degree or permission of the department chair, and passing the MUSC 2600 level-change exam, MUSC 2302, 2402, and 2502
 Lessons in composition and scoring techniques for jazz combos and big bands. Students complete assignments by using traditional methods and by using the tools of music technology. All courses are repeatable for one or two hours of credit—one 25-minute lesson per week per credit hour.
- MUSC 4321 Applied Jazz Improvisation** 1-2/var.
 Prerequisite: Admission to the Bachelor of Music with emphasis in Jazz Studies degree or permission of the department chair
 Lessons in jazz improvisation on an instrument or voice including an introduction to basic principles of jazz improvisation through lecture, demonstration, listening, writing, and performing; students complete assignments by using traditional methods and by using the tools of music technology. All courses are repeatable for one or two hours of credit—one 25-minute lesson per week per credit hour.
- MUSC 4400 Counterpoint** 2/0/2
 Prerequisite: MUSC 2302, 2402, and 2502
 Analysis and writing in the contrapuntal styles of the 16th through the 18th centuries. Students complete counterpoint projects by using traditional methods as well as the tools of music technology.
- MUSC 4410 Applied Composition** var. 1-2
 Prerequisite: MUSC 3230; admission to the Bachelor of Music in Composition degree or permission of the department chair
 Compositional techniques taught in a combination of group and individual sessions. Students complete composition projects by using traditional methods as well as the current tools of music technology.
- MUSC 4500 Accompanying** 2/0/2
 Prerequisite: MUSC 2502; and passing the MUSC 2600 level-change jury examination, or equivalent
 Principles, problems, and techniques of accompanying music for opera, theatre, and the concert stage.

MUSC 4600A-Q Principal Applied **var. 1-3**

A Piano, B Organ, C Voice, D Strings, E Guitar, F Flute, G Oboe, I Clarinet, J Bassoon, K Saxophone, L Horn, M Trumpet, N Trombone, O Euphonium, P Tuba, and Q Percussion

Prerequisite: Passing the MUSC 2600 level-change exam; admission to the Bachelor of Music in Performance and MUSC 4941 are prerequisites for 3-hours of credit.

Private lessons for music majors at the upper-division level on the principal applied instrument or voice. Lessons include studies in technical, stylistic, and aesthetic elements of artistic performance. Repertory studied is from the standard literature. All courses are repeatable for credit. One 25-minute lesson per week for 1 credit hour. One 50-minute lesson per week for 2-3 credit hours. Repertoire requirements increase with credit hours. An applied music fee is charged per credit hour enrolled.

MUSC 4610A-Q Secondary Applied **1 or 2/var**

A Piano, B Organ, C Voice, D Strings, E Guitar, F Flute, G Oboe, I Clarinet, J Bassoon, K Saxophone, L Horn, M Trumpet, N Trombone, O Euphonium, P Tuba, and Q Percussion

Prerequisite: Admission to the Bachelor of Music degree program

Private lessons for undergraduate music majors on a secondary instrument or voice. Lessons include studies in technical, stylistic, and aesthetic elements of artistic performance. Repertory studied is from the standard literature. All courses are repeatable for one or two hours of credit—one 25-minute lesson per week per credit hour. An applied music fee is charged per credit hour enrolled.

MUSC 4700 Wind Ensemble **0/var.1**

Prerequisite: Technical proficiency or successful audition

The study and performance of wind band literature from original, transcribed, contemporary, and diverse cultural sources. Includes on-campus and sometimes off-campus performances. Open by audition to music-major and non-music-major students.

MUSC 4710 Symphony Band **0/var.1**

Prerequisite: Technical proficiency or successful audition

The study and performance of wind band literature from original, transcribed, contemporary, and diverse cultural sources. Includes on-campus and sometimes off-campus performances. Open to music-major and non-music-major students.

MUSC 4720 Marching Band **0/var.1**

Prerequisite: Technical proficiency or successful audition

The study and performance of musical and visual programs for marching band. Includes the presentation of performances for home football games and for selected out-of-town games and exhibitions. Pre-season band camp required. Open to music-major and non-music-major students.

MUSC 4730 Jazz Ensemble **0/var.1**

Prerequisite: Technical proficiency or successful audition

The study and performance of literature composed for jazz ensembles from original, transcribed, contemporary, and diverse cultural sources. Includes on-campus and sometimes off-campus performances. Open by audition to music-major and non-music-major students.

- MUSC 4740 Chamber Winds** 0/var.1
 Prerequisite: Technical proficiency or successful audition
 The study and performance of literature composed for chamber winds and wind/percussion ensembles from original, transcribed, contemporary, and diverse cultural sources. Includes on-campus and sometimes off-campus performances. Open by audition to music-major and non-music-major students.
- MUSC 4750 Concert Choir** 0/var.1
 Prerequisite: Technical proficiency or successful audition
 The study and performance of choral literature from traditional, contemporary, and diverse cultural sources. Includes on-campus and sometimes off-campus performances. Open to music-major and non-music-major students.
- MUSC 4760 Chamber Singers** 0/var.1
 Prerequisite: Technical proficiency or successful audition
 The study and performance of literature composed for vocal chamber ensembles from traditional, contemporary, and diverse cultural sources. Includes on-campus and sometimes off-campus performances. Open by audition to music-major and non-music-major students.
- MUSC 4770 Opera Workshop** 0/var.1
 Prerequisite: Technical proficiency or successful audition
 The study and performance of operatic literature from traditional, contemporary, and diverse cultural sources. Includes on-campus and sometimes off-campus performances. Open by audition to music-major and non-music-major students.
- MUSC 4800A-Q Small Ensemble** 0/var.1
 A Keyboard Ens., B Collegium Musicum, C Guitar Ens., D Flute Choir, E Clarinet Choir, F Saxophone Choir, G Woodwind Ens., I Horn Choir, J Trumpet Choir, K Trombone Choir, L Tuba/Euphonium Ens., M Brass Ens., N Percussion Ens., O Jazz Combo, P Basketball Band
 Prerequisite: Permission of the instructor
 The study and performance of literature composed for small ensembles from traditional, original, transcribed, contemporary, and diverse cultural sources. May include on-campus and sometimes off-campus performances. Open by permission to music-major and non-music-major students.
- MUSC 4850 Applied Conducting** var. 1-2
 Prerequisite: MUSC 3850 or equivalent
 Advanced lessons in choral or instrumental conducting; score reading and analysis; rehearsal techniques and ensemble development; problems in tempo, balance, style, and phrasing; mixed meters and other contemporary problems. Students have the opportunity to conduct ensembles.
- MUSC 4865 Music Business Internship** var. 3-9
 Prerequisite: BUSA 2106 Legal Environment of Business, MGNT 3600 Management, MKTG 3803 Principles of Marketing, and two approved electives in Business or permission
 Practical marketing and management internship experience with an arts organization for selected junior and senior students.

MUSC 4890 Marching Band Techniques 2/0/2

A study of principles and practices of the marching band including show design, literature, and teaching techniques. Intended for Music Education majors or individuals who work with marching bands. Students will use computer software to create the visual design of a marching band show.

MUSC 4941 Half Recital 0/2/0

Prerequisite: Passing the MUSC 2600 level-change exam and permission of principal applied instructor.

Preparation and presentation of a Half Recital. The undergraduate Performance major is expected to perform a half recital during the junior year consisting of 20- 30 minutes of music. The Music Education major may perform a half recital during the last semester of applied study or the following semester. Must be performed before a public audience.

MUSC 4942 Full Recital 0/3/0

Prerequisite: Passing the MUSC 2600 level-change exam and permission of principal applied Instructor

Preparation and presentation of a Full Recital. The undergraduate Performance major is expected to perform a full recital during the senior year consisting of 40-60 minutes of music. The Music Education major may perform a full recital during the last semester of applied study or the following semester. Must be performed before a public audience.

MUSC 4943 Jazz Recital 0/2/2

Prerequisite: Passing the MUSC 2600 level-change exam and permission of Applied Jazz Composition and Arranging Instructor

Preparation and presentation of a Jazz Recital. The undergraduate Performance major with an emphasis in Jazz Studies will perform a recital of 20-30 minutes of jazz compositions and improvisations on the principal-applied instrument, including original compositions written in Applied Jazz Composition and Arranging. Must be performed before a public audience.

MUSC 4981 Directed Independent Study var. 1-3

Prerequisite: Junior or senior standing and permission of department chair and instructor

A study conducted by the student independently with the supervision and guidance of the instructor. Title and description of topic to be specified at time of offering.

MUSC 4983 Music Research Project var. 1-3

Prerequisite: Junior or senior standing and permission of department chair and instructor

A music research project conducted by the student independently with the supervision and guidance of the instructor. Title and description of topic to be specified at time of offering.

MUSC 4985 Special Topics in Music var. 1-3

Prerequisite: Junior, senior, or graduate standing and permission of department chair and instructor.

A special topic course offering. Title and description of topic to be specified at time of offering.

NURSING

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<http://www.westga.edu/~nurs/>

Professors, K. Grams (Chair), C. Epps (Undergraduate Coordinator), M. Kosowski, R. Siler, L. Taylor, C. Wilson; **Associate Professors**, B. Bar, L. Reilly; **Assistant Professors**, S. Ashford, N. Chadwick, L. Dufour, C. Eley, A. Goodwin, P. Horvath, B. Ishoy, T. McClenny, (Resume Center Coordinator), C. Needham, M. O’Neill, M. Sanders, R. Smith, S. Welch, J. Williams

Nursing, an art and a science, is creative and occurs in a variety of settings. The mission of the BSN program at the University of West Georgia is to offer high quality undergraduate education that:

- Prepares registered nurses for basic practice roles in diverse health care settings in Georgia and the surrounding region
- Integrates a strong liberal arts curriculum
- Provides regional outreach through external degree and off-campus programs
- Provides a caring, supportive, personal environment for learning that:
 - Affirms the holistic nature of individuals
 - Reflects caring as the essence of nursing
 - Expects that nurses use critical thinking in decision making
 - Supports evidence-based practice
 - Utilizes disciplinary rigor to support BSN student progress toward clinical competence

The Department of Nursing offers a Bachelor of Science in Nursing (BSN) degree with two tracks. The first track, for generic students, prepares graduates who are eligible to apply to take NCLEX-RN, the national licensing examination to become a registered nurse (RN). The second track, the RN completion track, is for individuals who are licensed registered nurses. Students in the Bachelor of Science in Nursing Program for Registered Nurses (RN-BSN) will be granted transfer credit for ASN and Diploma courses as defined by West Georgia policies and as described in the Georgia RN-BSN Articulation Agreement. The BSN curriculum combines a strong foundation in the arts, sciences, and humanities with a unique program emphasizing the art and science of nursing. Courses are taught using online and face-to-face instruction. Agencies utilized for clinical experiences in the BSN include, but are not limited to, hospitals, home health, public health, schools, and industry.

ACCREDITATION

The BSN program has approval of the Georgia Board of Nursing and is accredited by the Commission on Collegiate Nursing Education (CCNE). Information about approval and/or accreditation may be obtained from the following:

Georgia Board of Nursing
 237 Coliseum Drive
 Macon, Georgia 31217-3858
 478-207-1640
www.sos.state.ga.us/pbl/m/

Commission on Collegiate Nursing Education

One Dupont Circle, NW
Suite 530
Washington, D.C. 20036-1120
www.aacn.nche.edu
202-887-6791

ADMISSION/RETENTION POLICIES

Admission to the BSN Program is a separate and independent process that occurs after admission to the University of West Georgia. It is competitive and spaces are limited.

Generic BSN Track

In addition to the admission requirements for the University of West Georgia, students applying for admission to the Generic Track of the BSN Program must meet the following requirements:

1. College grade point average (GPA) of 2.75 or higher on a 4.0 scale
2. Completion of a separate, notarized Admission Application for the Generic BSN Track. Completed applications for summer semester enrollment must be received in the Department of Nursing no later than January 15th
3. Completion of 36 semester hours of BSN Core Curriculum at the time of application and 51 semester hours at the time of enrollment in nursing courses. Required courses include:
Area A: English 1101 and 1102 (6 hours)
Math 1001 or 1111 (3 hours)
3 courses from Area D Lab Science Sequence and Area F (12 hours)
Math 2063 (3)
12 other required core courses
Total Hours required for application to the program: 36
4. Satisfactory completion of the Regents Exam requirements
5. Score on nursing entrance test at or above the national mean

RN- BSN Track for Registered Nurses

In addition to the admission requirements for the University of West Georgia, students applying for admission to the Registered Nurse Track of the BSN Program must meet the following requirements:

1. College grade point average (GPA) of 2.5 or higher on a 4.0 scale
2. Completion of a separate, notarized Admission Application for the RN-BSN Track. Deadline for completed applications for fall semester enrollment in Rome and Carrollton and for spring semester enrollment in Dalton are provided on the Department of Nursing website.
3. Successful completion of an associate or diploma program in nursing
4. Current licensure as a registered nurse in Georgia
5. Satisfactory completion of the Regents Exam requirements

Students who wish to pursue a degree in nursing should consult with a nursing faculty advisor before declaring nursing as a major.

Because of the limited number of spaces available in the BSN program and the academic demands of the program, applications of all students who meet the minimum admission requirements will be evaluated by the BSN Admissions Committee, and the most qualified students will be selected. This evaluation and

selection process includes new students, transfer students, and students seeking readmission. Please Note: Criminal background checks may be required by health care agencies prior to student's participation in clinical learning opportunities. Inability to complete clinical requirements may interfere with successful completion of degree requirements.

Nursing students must maintain a semester grade point average of 2.0 ("C") to progress in the BSN program. A minimum grade of "C" is required in all major courses. Major courses are defined as all required nursing courses plus Anatomy and Physiology I & II and Microbiology. Generic students must complete the nursing sequence within four academic years. Students who receive a "D", "F", "WF", or "U" in any nursing course may repeat that course one time only on a space available basis. Students who receive a "D", "F", "WF", or "U" in any two nursing courses may not continue in the program. Considering the rapidly changing art, science, and technology in the nursing profession, students applying for transfer credit of nursing courses (except students who are registered nurses) must have completed these courses within the last five years.

EXPENSES

In addition to the general university fees listed in this current bulletin, nursing students will have expenses related to the purchase of uniforms and professional liability insurance, lab practicum and testing fees, required immunizations, and transportation to clinical laboratory experiences.

BSN Program Objectives

The purpose of the Bachelor of Science (BSN) program is to prepare individuals for basic registered nurse practice roles in diverse health care settings. Graduates of the program will be able to:

1. Utilize the Domains of Nursing to provide clinically competent and culturally sensitive nursing care to diverse patients/clients, families, groups, and communities in a variety of health care systems (Competence).
2. Utilize a variety of strategies to increase self-awareness and self-empowerment (Confidence).
3. Practice nursing in a manner that reflects caring as the essence of nursing (Caring).
4. Practice nursing within established ethical and legal boundaries (Conscience).
5. Engage in nursing practices that reflect a holistic view of self and others and respect for diverse cultures (Holism).
6. Use scientific and humanistic concepts, nursing theory, and research in evidence-based practice to think critically and make nursing decisions (Critical Thinking).
7. Participate in activities of the nursing profession as well as activities that benefit the global community (Commitment).
8. Work collaboratively with patients/clients, families, communities, interdisciplinary health team members, and others in providing nursing care (Collaboration).
9. Communicate effectively orally, in writing, and electronically using appropriate verbal and nonverbal techniques (Communication).

CURRICULUM

	Hours
Core Curriculum, Areas A, B, C, E (see pages 128-134)	31
Core Area D	
BIOL 1107/1108 with labs	
or	
CHEM 1151/1152 with labs or CHEM 1211/ 1212 with labs or PHYS 1111/1112 with labs	8
MATH 2063	3
Core Area F	18
BIOL 2021/2022 (Anatomy and Physiology I and II)	8
BIOL 2030 (Microbiology)	4
NURS 2023 (Applied Pharmacology)	3
Sociology, Psychology, Growth and Development	3
SPAN 1410	
Major courses	60
Electives	0
TOTAL	120

NURSING COURSES (NURS)

NURS 2023 Applied Pharmacology	3/0/3
Prerequisite: Admission to the BSN Program or permission of instructor	
This course introduces the student to pathophysiological processes in relation to pharmacotherapy. The course provides the student with the opportunity to study the principles of pharmacokinetics, the actions and pharmacotherapeutics of selected drug classifications and nursing responsibilities related to drug administration to individuals throughout the life span.	
NURS 2281 Independent Study in Nursing	var.1-6
Prerequisite: Consent of instructor	
In-depth, individual study of a specific nursing subject.	
NURS 3122 Professional Concepts	3/0/3
Prerequisites: Admission to the BSN Program or permission of instructor	
This course provides an introduction to professional nursing and an overview of the roles and concepts essential to practice.	
NURS 3135 Professional Nursing Practice	4/8/8
Prerequisite: Admission to the BSN Program and NURS 3182 pre-or co-requisite	
This course focuses on the role of the nurse as provider of care. An overview of general practice concepts is presented. Students will have the opportunity to apply classroom theory to the nursing care of adult clients and their families in a variety of clinical settings.	
NURS 3172 Health Assessment	1/2/2
Prerequisite: Admission to the BSN Program	
Classroom and laboratory instruction and practice in health assessment skills. This course emphasizes skills that will enable the student to assess the health status of an individual by obtaining a health history, performing and recording a physical assessment.	

- NURS 3192 Clinical Skills I** 1/2/2
 Prerequisite: Admission to the BSN Program
 This course focuses on basic to intermediate skills necessary for the role of the nursing care provider. Students will learn skills applicable to the administering and monitoring therapeutic interventions and regimens, and the diagnostic and monitoring function. Opportunity for student practice will be provided in both the campus and clinical laboratory settings.
- NURS 3222 Research and Evidence-based Nursing Practice** 2/0/2
 Prerequisite: Admission to the BSN program and NURS 3122.
 A study of the relationship of nursing research, theory and practice, and how research is employed in evidence-based nursing practice.
- NURS 3235 Mental Health Nursing Practice** 3/4/5
 Prerequisite: All 3100 Nursing courses and NURS 3272 pre-or co-requisite
 This course focuses on the role of the professional nurse in promoting mental health and in providing nursing care with clients experiencing mental health disorders. Students will have the opportunity to apply theory to actual clinical experiences with children and adults in a variety of settings.
- NURS 3245 Family Health Nursing Practice** 4/8/8
 Prerequisite: All 3100 Nursing courses and NURS 3272 pre-or co-requisite
 This course focuses on the role of the professional nurse in providing nursing care with the family in the childbearing stage and the pediatric client. Students will have the opportunity to apply theory to actual clinical experiences in a variety of settings.
- NURS 3355 Junior Practicum** 0/4/2
 Prerequisite: All 3100 Nursing courses and NURS 3272
 An intensive clinical practice course offered during the May short session. Students will have the opportunity to apply theory to actual clinical experiences with clients in the acute care setting and in the community.
- NURS 4192 Clinical Skills II** 1/2/2
 Prerequisite: NURS 3192
 This course focuses on intermediate to advanced skills necessary for the role of the nursing care provider. Student will learn skills applicable to the administering and monitoring therapeutic interventions and regimes, and the diagnostic and monitoring function. Opportunity for student practice will be provided in both the campus and clinical laboratory settings.
- NURS 4335 Adult Health Nursing Practice** 4/8/8
 Prerequisite: NURS 3355 and NURS 4382 pre-or co-requisite
 This course focuses on the role of the professional nurse in providing nursing care with adult clients. Students will have the opportunity to apply theory to actual clinical experiences in a variety of acute care settings.
- NURS 4345 Community Health Nursing Practice** 2/4/4
 Prerequisite: NURS 3355 and NURS 4382 pre-or co-requisite
 This course focuses on the multiple roles of the nurse providing nursing care with families, groups and communities. Students will have the opportunity to apply theory to actual clinical experiences in a variety of community settings.

- NURS 4382 Nursing Skills III** 2/0/2
 Prerequisite: NURS 3355
 This course focuses on skills necessary for the roles of provider of care and manager of care. Students will learn skills applicable to administering and monitoring therapeutic interventions and regimens, the diagnostic and monitoring function, effective management of rapidly changing situations, and organizational and work role competencies. Opportunity for student practice will be provided in both campus and clinical laboratory settings.
- NURS 4422 Senior Seminar** 2/0/2
 Prerequisite: All 3100, 3200 and 4300 Nursing courses
 This course is taken during the final semester of the nursing program. It provides an opportunity to explore professional issues related to contemporary nursing practice. Students will participate in activities that facilitate the synthesis and integration of previous learning.
- NURS 4433 Nursing Leadership and Management** 2/0/2
 Prerequisites: All 3100 and 3200 Nursing courses and NURS 4335
 This course is designed to focus on the theoretical concepts relevant to the practice of nursing management.
- NURS 4444 Preparation for Professional Licensure** 1/0/1
 Prerequisites: All 3100, 3200, and 4300 Nursing courses
 This course focuses on preparing students for the National Licensure Examination for Registered Nurses (NCLEX-RN®). Emphasis is placed on reviewing nursing decision-making, improving test-taking skills, reducing test anxiety, and cognitive restructuring to ensure success.
- NURS 4468 Senior Practicum** 1/16/9
 Prerequisite: All 3100 and 3200 Nursing courses and NURS 4335
 This course focuses on the role of the professional nurse in providing nursing care to adults with complex health problems. Students will have the opportunity to integrate professional nursing roles and knowledge into nursing practice.
- NURS 4470 Community Health Nursing for RN Students** 3/6/6
 Prerequisite: NURS 3122 and NURS 3172
 A clinical course exploring the multiple roles of nursing caring for families, groups, and communities in a variety of settings. This includes classroom/clinical experience, and enrollment is limited to registered nurse students only.
- NURS 4475 Nursing Leadership and Management for RN Students** 3/6/6
 Prerequisite: NURS 3122
 This course is designed to focus on the theoretical concepts relevant to the practice of nursing management. This course includes classroom/clinical experience and enrollment is limited to registered nurse students only.
- NURS 4481 Independent Study in Nursing** var.1-3
 Prerequisite: Permission of instructor
 In-depth, individual research and study of specific nursing problem and/or issues.
- NURS 4485 Special Topics in Nursing** var.1-3
 Prerequisite: Permission of instructor
 Course related to specific topics in nursing. Title and description of course to be specified at the time of offering.

PHILOSOPHY**TLC 2255 • 678-839-4848****<http://www.westga.edu/~phil/>****Professor, J. Donohoe (Director) Associate Professors, J. Alberg, R. Lane; Assistant Professors M. Tietjen**

The B.A. program in Philosophy offers courses that enable students to develop skills in critical thinking, reasoning, and judging; to understand the role of premises and inference in ordinary discourse as well as in philosophical argumentation; to recognize and define different world views; and to comprehend the history of Western philosophy in particular. As a cornerstone of the liberal arts education, this discipline is pertinent to virtually all other undergraduate fields of study. A minor in Philosophy is also available. The Philosophy major is designed for those students who want a solid grounding in the discipline and can serve as preparation for those who are interested in advancing into graduate studies in Philosophy or related fields. The Religion track is designed for those interested in theology and religious studies. It is suitable for those students wishing to go on to graduate school in those disciplines. The Pre-Law track is designed for students interested in law or the problems of justice. This track will prepare students for the entrance exams and performance standards of law school.

Learning Outcomes

Every graduate of the Philosophy Program should be able to:

- Discuss the general historical development of the discipline of philosophy
- Discuss three major historical figures of philosophy
- Ask philosophical questions and differentiate their types
- Incorporate a philosophical position in oral and written communications
- Critically outline and analyze a philosophical question

B.A. DEGREE WITH A MAJOR IN PHILOSOPHY

	Hours
Core Areas A, B, C, D, E (see pages 128-134)	42
Core Area F	18
PHIL 2100	3
PHIL 2110	3
PHIL 2120	3
Additional Humanities Course	3
Foreign Language through 2002	3-6
Upper-Division Major Courses	15
PHIL 3100 Ancient and Medieval Philosophy	3
PHIL 3110 Modern Philosophy	3
PHIL 4300 Senior Seminar	3
Choose one (1) course from the following:	3
PHIL 3120 American Philosophy	
PHIL 4150 Analytic Philosophy	
Choose one (1) course from the following:	3
PHIL 4100 Phenomenology	
PHIL 4140 Existentialism	

Choose an additional six (6) courses, with a minimum of one (1) course from each of the following areas: 18

- A. PHIL 3120 American Philosophy
- PHIL 3301 History and Philosophy of Science
- PHIL 4150 Analytic Philosophy
- PHIL 4160 Symbolic Logic
- B. PHIL 3160 Philosophy in Literature and Film
- PHIL 4100 Phenomenology
- PHIL 4140 Existentialism
- PHIL 4220 Hermeneutics
- PHIL 4240 Philosophy of Friendship and Love
- C. PHIL 4110 Philosophy of Law
- PHIL 4115 Political Philosophy
- PHIL 4120 Professional Ethics
- PHIL 4130 Feminist Philosophy
- D. PHIL 3170 Asian Philosophy
- PHIL 3205 Religious Texts
- PHIL 3240 World Religions
- PHIL 4230 Philosophy of Religion

Minor (optional) and/or Electives 27

TOTAL 120

**No more than two variable-credit or independent-study courses may count toward the major.*

B.A. Degree with a Major in Philosophy, Pre-Law Track

	Hours
Core Areas A, B, C, D, E	42
Core Area F	18
PHIL 2100	3
PHIL 2110	3
PHIL 2120	3
Additional Humanities Course	3
Foreign Language through 2002	3-6
Upper Division Major Courses	18
PHIL 3100 Ancient and Medieval Philosophy	3
PHIL 3110 Modern Philosophy	3
PHIL 4300 Senior Seminar	3
PHIL 4110 Philosophy of Law	3
PHIL 4115 Political Philosophy*	3
PHIL 4120 Professional Ethics	3

**POLS 4601 or POLS 4602 may be substituted for PHIL 4115*

Upper Division Elective Courses 15

Choose 5 courses, with a minimum of 1 course

From each of the following areas:

- A. PHIL 3120 American Philosophy
- PHIL 3301 History and Philosophy of Science
- PHIL 4150 Analytic Philosophy
- PHIL 4160 Symbolic Logic*

**Because Symbolic Logic enhances one's abilities in skills*

necessary for the LSAT, pre-law students are encouraged to take this course

B. PHIL 3160 Philosophy in Literature and Film	
PHIL 4100 Phenomenology	
PHIL 4140 Existentialism	
PHIL 4220 Hermeneutics	
PHIL 4240 Philosophy of Friendship and Love	
C. PHIL 3170 Asian Philosophy	
PHIL 3205 Religious Texts	
PHIL 3240 World Religions	
PHIL 4230 Philosophy of Religion	
Minor (optional) and/or Electives	27
TOTAL	120

B.A. Degree with a Major in Philosophy, Religion Track

	Hours
Core Areas A, B, C, D, E	42
Core Area F	18
PHIL 2100	3
PHIL 2110	3
PHIL 2120	3
PHIL 2130	3
Foreign Language through 2002	3-6
Upper Division Major Courses	18
PHIL 3100 Ancient and Medieval Philosophy	3
PHIL 3110 Modern Philosophy	3
PHIL 4300 Senior Seminar	3
PHIL 3205 Religious Texts	3
PHIL 3240 World Religions	3
PHIL 4230 Philosophy of Religion	3
Upper Division Elective Courses	15
Choose 5 courses, with a minimum of 1 course From each of the following areas:	
A. PHIL 3120 American Philosophy	
PHIL 3301 History and Philosophy of Science	
PHIL 4150 Analytic Philosophy	
PHIL 4160 Symbolic Logic	
B. PHIL 3160 Philosophy and Literature	
PHIL 4100 Phenomenology	
PHIL 4140 Existentialism	
PHIL 4220 Hermeneutics	
PHIL 4240 Philosophy of Friendship and Love	
C. PHIL 4110 Philosophy of Law	
PHIL 4115 Political Philosophy	
PHIL 4120 Professional Ethics	
PHIL 4130 Feminist Philosophy	
Minor (optional) and/or Electives	27
TOTAL	120

REQUIREMENTS FOR A MINOR IN PHILOSOPHY

Eighteen (18) hours including PHIL 2100, 2110, 2120, plus three (3) additional upper-division courses.

REQUIREMENTS FOR A MINOR IN RELIGION

Eighteen (18) hours including PHIL 2100, 2110, and 2130, plus three (3) courses chosen from the following courses: Religious Texts, Hermeneutics, Philosophy of Religion, World Religions, or Asian Philosophy.

PHILOSOPHY COURSES (PHIL)**PHIL 2100 Introduction to Philosophy 3/0/3**

A historically framed introduction to philosophy, highlighting major developments that have defined Western philosophical inquiry. Required for Philosophy majors. May count for credit in Core Area C2.

PHIL 2110 Critical Thinking 3/0/3

An investigation of logical fallacies and patterns of valid reasoning in primarily oral but also written discourse. Required for Philosophy majors. May count for credit in Core Area B1.

PHIL 2120 Introduction to Ethics 3/0/3

An introduction to the central concepts in ethics and an exploration of such contemporary ethical issues as abortion, genetic engineering, euthanasia, and capital punishment. Required for Philosophy majors. May count for credit in Core Area C2.

PHIL 2130 Introduction to World Religions 3/0/3

A comparative study of the beliefs and practices of several world religions such as Hinduism, Buddhism, Judaism, Christianity, and Islam. This course not only explores the history of these faiths and their early doctrinal and communal development but their place in today's world. Required for religion-track majors.

PHIL 3100 Ancient and Medieval Philosophy 3/0/3

Prerequisite: PHIL 2100 or permission of instructor
An exploration of such philosophers as the pre-Socratics, Plato, Aristotle, Epicetus, Augustine, Aquinas, and Occam. Required for Philosophy majors.

PHIL 3110 Modern Philosophy 3/0/3

Prerequisite: PHIL 2100 or permission of instructor
An examination of such seventeenth- and eighteenth-century European philosophers as Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, Kant, and Hegel with special attention to their metaphysical, epistemological, and political theories. Required for Philosophy majors.

PHIL 3120 American Philosophy 3/0/3

Prerequisite: PHIL 2100 or permission of instructor
This course considers metaphysical and epistemological questions by examining how they were treated by the thinkers who founded pragmatism, America's distinctive philosophical tradition. Philosophers covered may include classical American pragmatists, such as Peirce, James, Dewey, and Mead, as well as the contemporary American pragmatists, such as Rorty.

- PHIL 3160 Philosophy and Literature** 3/0/3
 Prerequisite: ENGL 1101 and 1102
 An examination of significant philosophical, literary, and filmic texts in terms of their thematic and/or conceptual interconnections.
- PHIL 3170 Asian Philosophy** 3/0/3
 Prerequisite: PHIL 2100 or permission of instructor
 This course is designed to introduce students to an Eastern style of philosophical thinking. The course will focus on non-duality and overcoming the subject-object dichotomy.
- PHIL 3205 Religious Texts** 3/0/3
 Prerequisite: PHIL 2100 or permission of instructor
 Through an exploration of both scriptural and non-scriptural religious literature, this course considers many of the important themes of religion such as the nature and activity of God, the function of religious community, and the challenges of religious belief. Required for religion-track majors.
- PHIL 3220 Christian Thought** 3/0/3
 This course examines the development of Christian thought from the New Testament to present day (e.g. feminist and liberation theologies). A sample of thinkers to be considered includes Augustine, Aquinas, Luther, Calvin, Schleiermacher, Barth, and Bultmann. Required for religion-track majors.
- PHIL 3301 History and Philosophy of Science** 3/0/3
 Prerequisite: PHIL 2100 or permission of instructor
 A study of the historical development of science and a philosophical examination of scientific reasoning. Same as HIST 3301.
- PHIL 4100 Phenomenology** 3/0/3
 Prerequisite: PHIL 2100 or permission of instructor
 A historical examination of such twentieth-century phenomenologists as Husserl, Heidegger, Sartre, Merleau-Ponty, Marcel, and Ricoeur.
- PHIL 4110 Philosophy of Law** 3/0/3
 Prerequisite: PHIL 2100 or permission of the instructor
 An exploration of the major philosophical concepts that underlie our idea of law as well as application of these to issues in moral, legal, criminological, and social philosophies. Required for Pre-law-track majors.
- PHIL 4115 Political Philosophy** 3/0/3
 Prerequisite: PHIL 2100 or permission of instructor
 An examination of significant themes in political philosophy, highlighting the way in which major concepts of political thought have evolved from ancient Greece to contemporary western society. By critically examining the works of classical and modern political theorists (such as Plato, Aristotle, Hobbes, Locke, Mill, Rawls and Nozick), we will explore such topics as the nature of the state, the justification of political authority, and distributive justice. Required for Pre-law-track majors.

PHIL 4120 Professional Ethics 3/0/3

Prerequisite: PHIL 2100 or permission of instructor

This course examines ethical questions that can arise in the professions and occupations, such as: Is my privacy violated when my job requires that I be tested for drugs? What should I do if I know that my employer is making an unsafe product? Should physicians ever lie to their patients? Do corporations have any responsibilities beyond making a profit for their shareholders? The course also examines more theoretical issues concerning professionalism and the professions, such as the nature of the relationship between professionals and clients and the connection between ordinary and professional morality. Required for Pre-law-track majors.

PHIL 4130 Feminist Philosophy 3/0/3

Prerequisite: PHIL 2100 or permission of instructor

The aim in this course is to examine critically the central arguments of various feminist theories; to explore what it means to have a feminist approach to philosophical problems of epistemology, identity, morality, freedom, and human nature; to identify the presuppositions of theories; and to recognize the problematic principles of essentialism and exclusion from a more informed standpoint.

PHIL 4140 Existentialism 3/0/3

Prerequisite: PHIL 2100 or permission of instructor

An examination of the historical development and representative themes of existentialism, beginning with Kierkegaard and Nietzsche and continuing through Sartre.

PHIL 4150 Analytic Philosophy 3/0/3

Prerequisite: PHIL 2100 or permission of instructor

This course is an introduction to analytic philosophy, the predominant tradition of philosophy in America and England during the 19th and 20th centuries. Areas of philosophy to be covered may include the philosophy of language, metaphysics, epistemology, philosophy of mind, and ethics. Philosophers covered may include Frege, Moore, Wittgenstein, Russell, Ayer, Ryle, Austin, Quine, and Putnam.

PHIL 4160 Symbolic Logic 3/0/3

An intensive introduction to the elements of deductive logic essential to scientific reasoning, computer programming, mathematics, and everyday problem-solving.

PHIL 4220 Hermeneutics 3/0/3

Prerequisite: PHIL 2100 or permission of instructor

Hermeneutics is the philosophical discipline investigating the process of textual interpretation. How do we know how to interpret what we read? Is the meaning of a text what the author intended? How would we know what an author intended? Should we understand a text within a historical context? This course addresses the development of the hermeneutic tradition through the primary texts of such influential philosophers as Friedrich Schleiermacher, Martin Heidegger, Hans-Georg Gadamer, and Paul Ricoeur.

PHIL 4230 Philosophy of Religion 3/0/3

Prerequisite: PHIL 2100 or permission of instructor

An examination of philosophical arguments about such religious questions as the existence of God, the problem of evil, the relationship between faith and reason, and the concept of human destiny. Required for Religion-track majors.

PHIL 4240 Philosophy of Friendship and Love 3/0/3

Prerequisite: PHIL 2100 or permission of instructor

The aim of this course is to examine critically the historical theories of friendship and love through examining important primary philosophical texts; to explore what it means to love and how such notions of love and friendship have changed throughout the centuries; to grasp the value and meaning of friendship and love as social and personal elements; and to recognize the historical nature of definitions and questions of friendship and love.

PHIL 4300 Senior Seminar 3/0/3

Prerequisite: Senior level standing

The aim of this course is to examine current theoretical and practical issues about the discipline of philosophy; to reflect upon and analyze implications of students' course of study; to read and discuss the debates surrounding the topic of the seminar; to develop, research, and execute a rigorous philosophical argument relating to the topic of the seminar; and to develop the skills of leading class discussion and presenting an academic paper. Required for Philosophy majors.

PHIL 4381 Independent Study var. 1-3

Prerequisite: PHIL 2100 or permission of instructor

Guided investigation of a topic not addressed by regularly scheduled courses. Students must propose a detailed plan of readings, articulating precise learning objectives, and secure the written consent of both a supervising instructor and the department chair. Not more than two (2) Independent Study courses may count toward the major in Philosophy without the chair's permission.

PHIL 4385 Special Topics 3/0/3

Prerequisite: PHIL 2100

An examination of a topic in philosophy that transcends the boundaries of the fixed curriculum. Requires permission of the department chair to repeat.

PHYSICS

Boyd 208 • 678-839-4087

<http://www.westga.edu/~physics/>

Professors: J. Hasbun, B. Powell (Chair); **Associate Professor,** G. Keller; **Assistant Professors,** J. Talbot

The physics program offers seven plans leading to the B. S. degree in physics. These plans are Plan A, the general physics major; Plan B, the dual degree (physics and engineering); Plan C, the physics major with a business concentration; Plan D, the physics education major; and Plans E, F, and G, the various physics emphases.

Plan A is designed for students who desire to pursue graduate study in physics or career options for which physics is an excellent gateway.

Plan B is the Dual degree program, where a student may, in approximately five years, receive both an engineering degree and a bachelor's degree in physics. The University of West Georgia has Dual-Degree agreements with several engineering schools, such as Georgia Tech, Mercer University, and Auburn University. Under these agreements, a student can attend West Georgia for 3 years and the other institution for 2 years and obtain a B.S. degree in physics from West Georgia and a bachelor's degree in engineering from the other institution.

Plan C is designed so that students earn credit towards the master's in business administration. In this plan, students obtain a B.S. in physics with a business concentration in four years. Students who are interested in entering the technological business world are thus enabled to complete their M.B.A. in the fifth year at West Georgia.

Plan D is a B.S. in physics education. As mandated by the Board of Regents, students interested in teaching at the secondary level must have a major in the area of their teaching interest.

Finally, plans E, F, and G are similar to Plan A but are specialized depending on the courses students choose in the major area. These three emphases are computational physics (plan E), electro-optics (plan F), and solid state physics (plan G). These plans are designed to make it easier for students to seek employment in specific industry positions. The physics faculty, as a whole, advise students in each of these areas.

PHYS 1111 and 2211 are beginning courses. After receiving credit for PHYS 2211, a student may not receive credit for PHYS 1111.

Learning Outcomes

Students completing the B.S. degree with a major in Physics will:

- Have mastered the basic content of fundamental areas of physics: Mechanics, Electricity and Magnetism, Thermodynamics, and Modern Physics, by being able to solve and discuss problems
- Be able to apply mathematical and computer techniques to obtain quantitative problems in the fundamental areas of physics
- Be able to make basic physical measurements in the laboratory and analyze and interpret the results

B. S. DEGREE WITH A MAJOR IN PHYSICS

Plan A

	Hours
Core areas A, B, C, D, and E (see pages 128-134)	42
<i>(Students must select MATH 1113 in area A and MATH 1634 in area D. In Plans A, B, E, F, and G, it is advised that students select XIDS 2001 (The Physical Universe) in area B and CHEM 1211K and CHEM 1212K in area D.)</i>	
Core area F	18
MATH 1113 (1 of 4), MATH 1634 (1 of 4)	2
MATH 2644, 2654	8
PHYS 2211, 2212	8
Courses required for the degree	45-54
PHYS 3113, 3213, 3313, 4313	12
PHYS 3511, 3521	2
MATH 3303	3

PHYS 4984	1	
Nine hours selected from:	9	
PHYS 4513, Foreign Language (six hours),		
MATH 3313, 4203, 4013		
Six hours selected from:	6	
PHYS 3013, 3023, 4323, 4413, 4513, 4523 4683, CS 1301		
XIDS 2001 (The Physical Universe, if not		
completed in area B)	0-1	
CHEM 1211K, 1212K (if not completed in area D)	0-8	
PHYS 4984		
Twelve additional hours selected from:	12	
PHYS 3013, 3023, 3413, 4323, 4333, 4413, 4513, 4683		
Electives		6-15
Must include enough upper level hours to		
make a total of at least 39.		
TOTAL		120

Plan B

See Engineering Studies Program (page 203)

**B. S. DEGREE WITH A MAJOR IN PHYSICS
AND A BUSINESS CONCENTRATION**

Plan C

	Hours
Core areas A, B, C, D, and E (see pages 128-134)	42
<i>(Students must select MATH 1113 in Area A and MATH 1634 in area D.</i>	
<i>It is advised that students select XIDS 2001 (The Physical Universe) in area B, and any two lab based courses from: BIOL 1107+lab, 1108+lab, CHEM 1211K, 1212K, GEOL 1121+lab, 1122+lab in area D.)</i>	
Core area F	18
MATH 1113 (1 of 4), MATH 1634 (1 of 4)	2
MATH 2644, 2654	8
PHYS 2211, 2212	8
Courses required for the degree	60
ASTR 2313	3
PHYS 3013, 3213, 3413, 4313, 4523	15
PHYS 3511, 3521	2
MATH 3063	3
PHYS 4683	3
PHYS 4984	1
Foreign Language	6
(Two courses or six hours)	
CS 2600	3
Concentration Courses	
Fifteen hours from:	15
ACCT 4201, MKTG 3803, MGMT 3600	
CISM 3330, FINC 3511	
Nine hours of electives from:	9
BUSA 2106, CISM 2201, ECON 2106; however,	

eight hours must be selected from (if not taken in area D): BIOL 1107+lab, 1108+lab, CHEM 1211K, 1212K, GEOL 1121+lab, 1122+lab, and one hour of the Physical Universe (XIDS 2001, if not taken in area D).

Must include enough upper level hours to make a total of at least 39.

Total Plan C 120

**B. S. DEGREE WITH A MAJOR IN PHYSICS
AND AN EDUCATION CONCENTRATION
Plan D**

	Hours
Core areas A, B, C, D, and E (see pages 128-134) <i>(Students must select MATH 1113 in Area A and MATH 1634 in area D. It is recommended that students select XIDS 2001, The Physical Universe, in area B and CHEM 1211K, 1212K in area D.)</i>	42
Core area F	18
MATH 1113 (1 of 4), MATH 1634 (1 of 4)	2
MATH 2644, 2654	8
PHYS 2211, 2212	8
Courses required for the degree	60
PHYS 3113, 3213, 3313, 3511, 4313, 4513	16
MATH 3303	3
Eleven hours from a and b	8
a.) Eight hours selected from:	
PHYS 3003, 3013, 3023, 3521, 3703, 4203, 4323, 4333, 4413, 4683, 4984	
b.) Three hours selected from:	3
PHYS 4523, 4683, 4984; MATH 3003, 3353	
Note eight hours must be selected from: (if not taken in area D) CHEM 1211K, 1212K and one hour of The Physical Universe (XIDS 2001 if not taken in area D)	
Professional Education Sequence	30
Prerequisite to this program are ¹ CEPD 2102, ³ SEED 2271, ^{1,2} MEDT 2401, ¹ SPED 2706. Admission to Teacher Education Program is required before enrolling in these courses: CEPD 4101, ³ SEED 4242, ³ SEED 4271, SEED 4286, SEED 4289	

¹Minimum 2.5 GPA required for enrollment

²Student is expected to exempt this 3-hour course.

³Field experiences are required.

**B. S. DEGREE WITH A MAJOR IN PHYSICS AND AN EMPHASIS
PLANS E, F, AND G**

Students who plan to seek employment at the B.S. level are advised to take an emphasis in a particular subject by selecting specific emphasis courses from the physics major (see plan A) as outlined below. Students must fulfill all general and departmental requirements in addition to those required by the emphasis, and the physics research for a chosen emphasis (PHYS 4683) should be carried

out in the area of the emphasis. At the completion of the emphasis, the student will be given a certificate of completion.

Physics Major with a Computational Physics Emphasis (Plan E)

This program is available in only a very few select universities in the nation and is designed for students who desire to work in modern industry or government and who are interested in computer modeling of scientific and engineering problems. In this plan, students must follow the guidelines of Plan A, but must also include the following courses as part of the major:

- PHYS 4513 (3)
- PHYS 4523 (3)
- PHYS 4683 (3)
- MATH 4014 (4)
- CS 2600 (3)

Physics Major with an Electro-Optics Emphasis (Plan F)

This is an ideal preparation for students desiring to work in modern high-tech industry or national laboratories. Students develop a solid understanding of electronics, quantum optics and lasers. This emphasis is also an excellent alternative to obtaining an engineering degree if one wishes to pursue engineering-type work in industry. In this plan, students must follow the guidelines of Plan A, but must also include the following courses as part of the major:

- PHYS 3013 (3)
- PHYS 3413 (3)
- PHYS 3424 (4)
- PHYS 4333 (3)
- PHYS 4683 (3)

Physics Major with a Solid State Emphasis (Plan G)

Solid state physics is a cornerstone of modern technology. This program, designed for chemistry, physics and engineering majors, emphasizes the practical aspects of solid state physics, including electronics. In this plan, students must follow the guidelines of Plan A, but must also include the following courses as part of the major:

- PHYS 3013 (3)
- PHYS 3023* (3)
- PHYS 3913 (1)
- PHYS 4333 (3)
- PHYS 4413 (3)
- PHYS 4683 (3)

* Or PHYS 4523 or PHYS 3413

REQUIREMENTS FOR A MINOR IN PHYSICS

Three options are available according to each group of courses below.

	Hours
PHYS 2211, 2212	8
Nine hours from one of the following groups:	9
Group 1 (Computational)	
PHYS 3013, 3023, 4513, 4523	
Group 2 (Physical)	
PHYS 3113, 3213, 3313, 4313	
Group 3 (General)	

PHYS 3213, 3313, and any other advanced physics course
Total minor

17

ASTRONOMY COURSES (ASTR)

- ASTR 2313 Astronomy** **3/0/3**
A survey of sky awareness, historical developments of astronomy, the solar system, stars, nebulas, and galaxies. Same as GEOL 2313.
- ASTR 2313L Astronomy Laboratory** **0/2/1**
Prerequisite: Descriptive Astronomy (or co-requisite)
An experimental introduction to the elementary tools of astronomy.
- ASTR 3033 Topics in Astronomy** **3/0/3**
Prerequisite: Completion of science core requirements
Topics about the solar system, stars, galaxies, and cosmology. May not be taken by students who have completed ASTR 2313 and does not count toward a major in physics.

PHYSICS COURSES (PHYS)

- PHYS 1111 Introductory Physics I** **3/0/3**
Prerequisite: MATH 1112 or higher
An introductory course that will include material from mechanics, thermodynamics, and waves. Elementary algebra and trigonometry will be used
- PHYS 1111L Lab for PHYS 1111** **0/2/1**
The lab component of PHYS 1111 which must be a co-requisite.
- PHYS 1112 Introductory Physics II** **3/0/3**
Prerequisite: PHYS 1111
An introductory course that will include material from electromagnetism, optics, and modern physics. Elementary algebra and trigonometry will be used.
- PHYS 1112L Lab for PHYS 1112** **0/2/1**
The lab component of PHYS 1112 which must be co-requisite.
- PHYS 2211 Principles of Physics I** **3/0/3**
Prerequisite: MATH 1634 (or co-requisite)
An introductory course that will include material from mechanics, thermodynamics, and waves. Elementary calculus will be used.
- PHYS 2211L Lab for PHYS 2211** **0/3/1**
The lab component for PHYS 2211 which must be co-requisite.
- PHYS 2212 Principles of Physics II** **3/0/3**
Prerequisite: PHYS 2211, MATH 1634 or departmental consent
An introductory course that will include material from electromagnetism, optics, and modern physics. Elementary calculus will be used.
- PHYS 2212L Lab for PHYS 2212** **0/3/1**
The lab component for PHYS 2212 which must be co-requisite.
- PHYS 3003 History and Philosophy of Science** **3/0/3**
A study of the historical development of major areas of science and the philosophical examinations of scientific methods and results. Same as CHEM 4003, HIST 3301, and PHIL 3301.

- PHYS 3013 Basic Electronics** 2/4/3
Prerequisite: PHYS 2212 or consent of department
Electronic principles, basic circuits and components, theory and applications of power supplies, amplifiers and oscillators. (At the level of Simpson)
- PHYS 3023 Digital Electronics** 2/4/3
Prerequisite: PHYS 3013
Electronic applications of digital logic circuitry, flip-flops and registers, sequential logic circuitry, digital logic circuitry and design. (At the level of Simpson)
- PHYS 3113 Mechanics** 3/0/3
Prerequisite: PHYS 2212, MATH 2654
Principles of Newtonian mechanics, mathematical techniques, conservation laws, introduction to orbit theory, rigid body dynamics, and accelerated coordinate system. (At the level of Davis)
- PHYS 3213 Thermodynamics** 3/0/3
Prerequisite: PHYS 2212
Thermodynamic laws and applications. (At the level of Black and Hartley)
- PHYS 3313 Electricity and Magnetism** 3/0/3
Prerequisite: PHYS 2212
Electrostatic fields and potentials, conductors, dielectrics, magnetic fields, magnetic materials, electromagnetic induction, and Maxwell's equations. (At the level of Griffiths)
- PHYS 3413 Optics** 3/0/3
Prerequisite: PHYS 2212
Reflection, transmission, and refraction of waves, electromagnetic theory applications and light properties. (At the level of Pedrotti and Pedrotti)
- PHYS 3424 Advanced Optics** 3/2/4
Prerequisite: PHYS 3413
This course involves both theoretical and experimental work on the latest developments in optics. Topics covered are Fourier optics, theory and application of lasers, Gaussian beams and optical resonators, optical detectors, and nonlinear effects. (At the level of Verdeyen)
- PHYS 3511 Experimental Physics I** 1/3/1
Prerequisite: 9 hours of upper level physics courses including Modern Physics or departmental consent (offered in the fall semester)
Selected experimental investigations in electrical measurement, atomic and nuclear physics, solid state physics, optics, and electronics.
- PHYS 3521 Experimental Physics II** 1/3/1
Prerequisite: PHYS 3511 or departmental consent
See PHYS 3511 (offered in the spring semester)
- PHYS 3703 Physics, Energy, and the Environment** 3/0/3
Prerequisite: Completion of core science requirement
A study of the physical principles associated with energy, current energy sources, alternative energy sources, conservation of energy, environmental concerns, and research to develop new energy sources.

- PHYS 3713 Survey of Physics** 3/0/3
Prerequisite: Completion of core science requirement
Topics selected from mechanics, heat, optics, sound, electricity, magnetism, and twentieth-century physics. May not be taken by students who have completed PHYS 1111 or PHYS 2211.
- PHYS 3913 Special Topics in Electronics** var. 1-3
Prerequisite: PHYS 3013, 3023
Title and description of the course is to be specified at the time of offering. Students can re-enroll for up to a maximum of 9 hours. Only three hours may count toward a minor or major in physics.
- PHYS 4203 Advanced General Physics for Teachers** 3/0/3
Prerequisite: 10 hours of introductory physics
A survey of general physics for pre-service science teachers.
- PHYS 4313 Modern Physics** 3/0/3
Prerequisite: PHYS 2212
A study of the failure of classical mechanics to describe experiments like Black Body Radiation, the Photoelectric Effect, the Michelson-Morley experiment and others which led physics into the worlds of special relativity and wave mechanics. Topics in wave mechanics include the Bohr Theory and its extension into the Schrodinger Equation with applications.
- PHYS 4323 Nuclear Physics** 3/0/3
Prerequisite: PHYS 4313
A study of the discovery of the atomic nucleus by Rutherford and nuclear properties: radii, masses, spins, binding energies, etc. from experimental data. The nuclear force. Radioactivity in general and alpha, beta, gamma, and fission. Fundamentals of nuclear reactions. Models of the nucleus.
- PHYS 4333 Quantum Mechanics** 3/0/3
Prerequisite: PHYS 4313
The principles of wave mechanics, including one-dimensional potential problems, the hydrogen atom, systems of identical particles, and perturbation theory. (At the level of Eisberg and Resnick)
- PHYS 4413 Introduction to Solid State Physics** 3/0/3
Prerequisite: PHYS 3113
An introduction to crystal structure and the mechanical, thermal, magnetic, optical, and electrical properties of solids. (At the level of Kittel)
- PHYS 4513 Mathematical Physics** 3/0/3
Prerequisite: PHYS 2212 and MATH 2654
Advanced mathematical methods required for the most comprehensive exposition of both classical and modern physics. (At the level of Boas)
- PHYS 4523 Computational Physics** 2/4/3
Prerequisite: PHYS 2212 and MATH 2654 and familiarity with programming language
Introductory numerical methods in physics, including the application of computer techniques to a variety of physical problems. (At the level of Cook)

PHYS 4683 Physics Research**var. 1-3**

Prerequisite: Consent of Department Committee

Individual research in any area of several branches of physics. The research is to be carried out under the direction of a faculty member, and the research can be of an experimental or theoretical nature or both.

PHYS 4984 Physics Seminar**1/0/1**

Prerequisite: Senior classification and 15 hours of upper level physics courses

Seminar format discussion by students about current theoretical and experimental topics in physics.

PHYS 4985 Special Topics in Physics**var. 1-3**

Prerequisite: Consent of Department Committee

Title and description of the course is to be specified at the time of offering. Students can re-enroll for additional credit.

POLITICAL SCIENCE AND PLANNING**Pafford 140 • 678-839-6504****<http://www.westga.edu/~polisci/>**

Professors, R. Schaefer (Chair), S. Caress, L. Howe, R. Sanders, D. Wagner; **Associate Professors**, G. Larkin, S. Sewell; **Assistant Professors**, G. Dixon, T. Hunter, S. Lee, H. Mbaye, J.S. Peralta; **Instructors**, S. Waymon, R. Wilkes

The general education mission of the Political Science Department is to help students develop an understanding of the basic values, institutions, political and legal processes and public policies of the American national and Georgia governments so that they can participate in government in a knowledgeable and intelligent fashion. The undergraduate program offers two academic degrees. The primary purpose of the B.A. program is to provide students with a general, liberal arts degree with a major in political science. Such a degree is appropriate for those students who want a broad liberal arts education, plan to attend graduate or law school, or wish to prepare for employment in government, political organizations, journalism or a private business with extensive public contracts. The primary purpose of the B.S. program is to give students an overview of the discipline and a more concentrated focus on a particular subfield of political science/planning so that they are prepared for employment in the public sector or in “not-for-profit” organizations or for professional programs in graduate school or law school. Finally, the department provides service courses related to domestic and international politics for students enrolled in related programs at West Georgia.

B.A. DEGREE WITH A MAJOR IN POLITICAL SCIENCE**Learning Outcomes**

Students will demonstrate that they have developed:

- An understanding of the basic values of American civic culture
- An understanding of the institutional, political, and legal processes of the United States and Georgia
- An understanding of the public policies of the US and the ways in which they are carried out through the political process

- An understanding of the basic theories and concepts of the subfields of political science
- An understanding of the relationship between the basic theories and concepts of the subfields of political science
- The ability to apply social science and statistical methods to practical problems within the discipline
- The ability to communicate their knowledge orally and in writing

	Hours
Core Areas A, B, C, D, and E (see pages 128-134)	42
Core Area F (Major Specific Courses)	18
Learning Outcomes same as Core Area E, see page 133	
I. Foundations of Social Science	9-15
Three to five lower division courses from among the Social Science disciplines. No more than one course can be from the same department.	
II. Basic skills	3-9
a. Foreign Language through 2002*	0-6
b. Technology skills (1 lower division course from statistics, applied computer science, or social science research methods)	3
Major Courses	27
Nine upper division political science courses, including at least 3 hrs. in each of the following subfields:	
Political theory**	
American politics	
Comparative politics	
International politics	
All majors must complete the senior seminar (POLS 4984). No more than 3 hours of directed readings or independent study may count toward the major, and none can be used to satisfy the political science subfield requirements listed above. <i>No POLS course in which the student receives a grade lower than a "C" may count toward the major.</i>	
Minor	15-18
Electives	15-18
Internships (POLS 4186), if taken, may count only as electives.	
TOTAL	120

*Foreign language proficiency as demonstrated by successfully completing a 2002 course or by passing an exemption exam is required.

**PHIL 4115 may be selected to satisfy this requirement.

B.S. DEGREE WITH A MAJOR IN POLITICAL SCIENCE

Learning Outcomes

Students will demonstrate that they have developed:

- An understanding of the basic values of American civic culture
- An understanding of the institutional, political and legal processes of the United States and Georgia
- An understanding of the public policies of the US and the ways in which they are carried out through the political process
- An understanding of the basic theories and concepts of the subfields of political science

- An understanding of the relationship between the basic theories and concepts of the subfields of political science
- The knowledge and skills appropriate for employment or professional training in relevant public service careers
- The ability to apply social science and statistical methods to practical problems within the discipline
- The ability to communicate their knowledge orally and in writing

	Hours
Core Areas A, B, C, D, and E (see pages 128-134)	42
Core Area F (Major Specific Courses)	18
Learning Outcomes same as Core Area E, see page 133	
I. Foundations of Social Science	9
Three lower division courses from among the Social Science disciplines. No more than one course can be from the same department.	
II. Basic skills	9
<i>Students may take 6 hours of a foreign language plus 3 hours of a technical skill, or nine hours of a technical skill.</i>	
a. Foreign Language	0 or 6
b. Technology skills (1 or 3 lower division courses from statistics, applied computer science, social science research methods, or accounting)	3-9
Major Courses	33
Four upper division political science courses of at least 3 hrs. in each of the following subfields:	12
Political theory**	
American politics	
Comparative politics	
International politics	
All majors must complete the senior seminar (POLS 4984).	3
Six upper division political science courses planned as a coherent whole in consultation with the student's advisor and approved by both the advisor and the department chair.	18
No more than 3 hours of directed readings or independent study may count toward the major, and none can be used to satisfy the political science subfield requirements listed above.	
<i>No POLS course in which the student receives a grade lower than a "C" may count toward the major.</i>	
Electives (at least 6 hours must be upper division courses)	27
Internships (POLS 4186), if taken, may count only as electives.	
TOTAL	120

***PHIL 4115 may be selected to satisfy this requirement.*

B.S. DEGREE WITH A MAJOR IN POLITICAL SCIENCE (PLANNING TRACK)

Learning Outcomes

Planning Track students will demonstrate the ability to:

• Gain employment in local, state, or federal government, with private consultants or development organizations, or to be accepted into graduate programs	
• Apply social science methods to practical problems of government, community and region	
• Understand the broad scope of planning, including its multidisciplinary nature and its multiple governmental applications	
• Understand the nature of the planning profession and the planner's role as neutral public servant and builder of community consensus	
• Apply and use computer technology in the practice of planning	
• Demonstrate the ability to apply oral and written communication skills in public appearances, written reports and documents	
• Understand how public policy is carried out through planning programs and projects, and regulatory controls	
Core Areas A, B, C, D, E (see pages 128-134)	42
Core Area F (Major Specific Courses)	18
Learning Outcomes same as Core Area E, see page 133	
I. Foundations of Social Science:	9
Three lower division courses from among the social science disciplines with no more than one from the same department.	
II. Basic skills. Three lower division courses:	9
Statistics (3-6 hrs)	
Social Science Methods (3-6 hrs)	
Computer Applications (3-6 hrs)	
Major Courses (all upper division, all 3 hours credit):	42
I. Planning core courses:	18
Introduction to Planning (PLAN 3701)	
Land Use Planning & Controls (PLAN 3702)	
Planning Methods (PLAN 3704)	
Technology & Sustainable Economic Dev. (PLAN 4701)	
Planning Theory and Practice (PLAN 4704)	
Capstone Project or Internship (PLAN 4786)	
II. Geography courses:	9
Computer Cartography (GEOG 3503)	
Geographic Information Systems (GIS) GEOG 4553	
Urban Geography (GEOG 3643)	
III. Political Science courses:	15
Public Policy (POLS 3201)	
Public Administration: choose 4 courses from	
Legislative Process (POLS 4101) and/or any POLS 42XX.	
<i>No planning or political science course in which the student receives a grade lower than a "C" may count toward the major.</i>	
IV. Electives	18
Electives may be taken at any level. It is recommended that students take electives from planning, geography, political science, sociology, and economics.	
TOTAL	120

REQUIREMENTS FOR A MINOR IN POLITICAL SCIENCE

Fifteen hours of upper division political science courses in which the student

makes a "C" or better constitute a minor.

PLANNING COURSES (PLAN)

- PLAN 3701 Introduction to Planning** 3/0/3
An orientation to urban and regional planning with special emphasis on the United States. The course includes land use planning, the comprehensive planning process, transportation, community development, and urban design. Planning as a governmental activity at the local, regional, state, and federal level is also a component of the course. Same as ENVS 3701.
- PLAN 3702 Land Use Planning and Controls** 3/0/3
Prerequisite: PLAN 3701 or POLS 3701
Land use planning with emphasis on methods of land use analysis and issues confronting land use decision makers.
- PLAN 3704 Planning Methods** 3/0/3
This course is designed to introduce the student to several of the methods and techniques used in public planning and policy analysis.
- PLAN 4701 Technology and Sustainable Economic Development** 3/0/3
Examines economic development policy at all levels of government and the roles technology plays in promoting sustainable economic development.
- PLAN 4704 Planning Theory and Practice** 3/0/3
This course provides an overview of the development of planning theory and practice and its usefulness in addressing the challenges facing the practice of public planning in modern society.
- PLAN 4705 Computers in Politics, Planning, and Management** 3/0/3
This course will acquaint students with computer-based methods and techniques used in the fields of political science, planning, and public administration.
- PLAN 4785 Topics in Planning** 3/0/3
Prerequisite: PLAN 3701
An in-depth analysis of specialized planning topics with the specific titles announced in the class schedule and entered on the students' transcripts. Students may repeat the course for credit as topics change.
- PLAN 4786 Capstone Project or Internship** var. 3-6
Prerequisite: PLAN 3701, approval of instructor and chair
Experience working with agency/organization in which planning knowledge can be utilized. Offered as a pass/fail basis only.

POLITICAL SCIENCE COURSES (POLS)

- POLS 1101 American Government** 3/0/3
Prerequisite to all political science courses
A study of the philosophical and cultural underpinnings of the U.S. Constitution and American values, institutions, and political processes. The features of the U.S. system are compared with those of parliamentary systems and those of the state of Georgia.
- POLS 2201 State and Local Government** 3/0/3
Prerequisite: POLS 1101
An examination of the structure, organization, and functions of state and local governments. The role of the state and local governments in the federal system is analyzed. Selected state and local problems are reviewed.

- POLS 2601 Political Science Methods** 3/0/3
Prerequisite: POLS 1101
Students are introduced to various qualitative and quantitative methods used in the social sciences. They learn how to find, evaluate and ethically use appropriate information to conduct political science research. They construct research questions and write research papers using case studies, comparative methods and statistics.
- POLS 3101 American Political Organizations** 3/0/3
Prerequisite: POLS 1101
An analysis of the role of interest groups and political parties in the American political system with emphasis on their organizations, functions, goals, tactics, and power.
- POLS 3102 Women and Politics** 3/0/3
Prerequisite: POLS 1101
A study of the social status and political activities of women in America and other societies, exploring the causes, methods, and results of political involvement by women.
- POLS 3103 Media and Politics** 3/0/3
Prerequisite: POLS 1101
Analysis of the role of the mass media in American politics, including the impact of media coverage on public and elite opinions and the interactions between the media and public institutions.
- POLS 3201 Public Policy** 3/0/3
Prerequisite: POLS 1101
An analysis of diverse public policy issues, as well as the decision process leading to the formulation of government policy. An analysis of societal factors that influence policy and the effect of government policy on society.
- POLS 3301 The Judicial Process** 3/0/3
Prerequisite: POLS 1101
An introduction to and survey of the legal process in American society.
- POLS 3401 Comparative Politics** 3/0/3
Prerequisite: POLS 1101
Comparative politics is the study of the political forces, institutions, and practices of countries in order to describe, explain, and predict political events.
- POLS 3402 Politics of Western Europe** 3/0/3
Prerequisite: POLS 1101
This course explores the political systems of Western Europe: political arrangements, role of parties, policy formation, EU, and the challenges faced by each nation. Countries studied include Britain, France, Germany, and others.
- POLS 3501 International Relations** 3/0/3
Prerequisite: POLS 1101
An analysis of the contemporary international system. The course will examine foreign policy decision-making, the use of power, the causes of war, and the role of international law and organizations.

- POLS 3701 Introduction to Planning** 3/0/3
 An orientation to urban and regional planning with special emphasis on the United States. The course includes land use planning, the comprehensive planning process, transportation, community development, and urban design. Planning as a governmental activity at the local, regional, state, and federal level is also a component of the course. Same as PLAN 3701 and ENVS 3701.
- POLS 3702 Land Use Planning and Controls** 3/0/3
 Prerequisite: PLAN 3701 or POLS 3701
 Land use planning with emphasis on methods of land use analysis and issues confronting land use decision makers. Same as PLAN 3702.
- POLS 3704 Planning Methods** 3/0/3
 This course is designed to introduce the student to several of the methods and techniques used in public planning and policy analysis. Same as PLAN 3704.
- POLS 4101 Legislative Process** 3/0/3
 Prerequisite: POLS 1101
 A study of the role, functions, and organization of the U.S. Congress and state legislatures with special attention to the Georgia General Assembly. Theories of representation and legislative voting patterns are examined, and comparisons between the American political process and that of parliamentary systems are made.
- POLS 4102 The Presidency** 3/0/3
 Prerequisite: POLS 1101
 This course focuses not only upon the institutional and legal frameworks set out in the Constitution regarding the Presidency but also upon the historical, philosophical, psychological, and sociological aspects of the office. The American system of checks and balances is compared to that of parliamentary democracies.
- POLS 4103 Public Opinion** 3/0/3
 Prerequisite: POLS 1101
 This course examines the nature and development of public opinion in America and the interaction between public opinion and government. The influence of public opinion on government institutions and public policy formulation in America and the impact of government upon citizens' attitudes and opinions are explored.
- POLS 4186 Internship in Government** var. 1-6
 Prerequisite: POLS 1101
 Students may receive academic credit for personal experience in the political process and/or public employment. Credit hours apply only toward electives. Internships are graded S/U.
- POLS 4200 Principles of Public Administration** 3/0/3
 Prerequisite: POLS 1101
 An introductory examination of the characteristics of the public organization and its impact on society. Analysis of the theories of public administration, personnel issues, budgetary activities, and legal dynamics, as well as historical development of the field are included.

- POLS 4202 Interorganizational Behavior** 3/0/3
 Prerequisite: POLS 1101
 An examination of the interactions between various levels of government, nonprofit, and private organizations in the federal system.
- POLS 4204 Public Finance** 3/0/3
 Prerequisite: POLS 1101, ECON 2105, 2106 or consent of department chair.
 A study of the equity and economic effects of government spending programs, taxes, and debt. The course is primarily applied microeconomics. Same as ECON 4440.
- POLS 4207 Technology Policy** 3/0/3
 Prerequisite: POLS 1101
 This course will emphasize the development of national and state energy, manufacturing, information, and medical technology policies and how they structure society, business, and, in turn, government. Interactive exercises foster student understanding of the issues, groups involved, and the dynamics of change.
- POLS 4208 Health Policy** 3/0/3
 Prerequisite: POLS 1101
 This course examines the health policy process at the national, state, and local levels with a detailed look at the steps in the process, groups involved, and resultant policies. Through group exercises, each student will experience the policy process, gain an understanding of the dynamics of change, and develop the ability to form coherent policies.
- POLS 4209 Environmental Policy** 3/0/3
 Prerequisite: POLS 1101
 This course will emphasize the national and state policy-making process, focusing on the dynamics of pluralist change, policy implementation, and current environmental status. Same as ENVS 4209.
- POLS 4210 Modern Public Management** 3/0/3
 Prerequisite: POLS 1101
 Various changes in the management of public organizations are identified and analyzed. Includes the role of technology, modification of the relationship between public and private spheres, and current trends in the management of change and supervision of a diverse work force.
- POLS 4211 State and Local Politics and Administration** 3/0/3
 Prerequisite: POLS 1101 and POLS 2201 or permission of instructor
 An in-depth study of the political process and administrative procedures used in American state and local governments to address social, economic, and political issues. Comparative analysis of relevant actors and strategies across the states is incorporated.
- POLS 4212 State and Local Government Finance** 3/0/3
 Prerequisite: POLS 1101
 Exploration of rationale for public revenues and expenditures with emphasis on practical application and current state and local finance issues.

- POLS 4213 Comparative Public Administration and Policy** 3/0/3
 Prerequisite: POLS 1101 and either POLS 3201/3401 or by permission
 This course is an introduction to Comparative Public Administration and Policy that focuses primarily on democratic states, recent innovation in public administration, policy evolution, and transformation within the context of the modern welfare state. It examines the institutions and political settings of both advanced industrial countries and developing nations, with explorations in social welfare policy to environmental politics.
- POLS 4214 Urban Politics** 3/0/3
 Prerequisite: POLS 1101
 This course examines the major areas of scholarly inquiry in urban politics. The course begins with an overview of theoretical foundations and systems model of urban politics. Contemporary approaches to studying urban politics from a political economy or regime perspective are given special attention. The remainder of the course is divided into two major areas of inquiry: (1) urban political institutions and (2) political behavior and political processes in urban settings.
- POLS 4301 Constitutional Law I** 3/0/3
 Prerequisite: POLS 1101, POLS 3301
 Study of the constitutional divisions of power among the branches of the national government and between the national and state governments.
- POLS 4302 Constitutional Law II** 3/0/3
 Prerequisite: POLS 1101, POLS 3301
 Study of the application and interpretation of constitutional protections by the American courts.
- POLS 4401 African Politics** 3/0/3
 Prerequisite: POLS 1101
 Designed to be an introductory course, this course examines, in historical perspective, the current political system, movements, and cultures of sub-Saharan Africa. The course will also examine the African diaspora and its impact on the American political system.
- POLS 4402 Russian Politics** 3/0/3
 Prerequisite: POLS 1101
 An examination of the domestic politics and foreign policy of the Russian Federation. The course analyzes the institutions of the Russian government as well as the influence of ideological, political, social, economic, and international factors in the decision-making process.
- POLS 4403 Latin American Politics** 3/0/3
 Prerequisite: POLS 1101
 An examination of the government and politics of Latin America. The course analyzes political culture and socialization, party and interest group activity, government structures and public policy formation, and issues of political and economic development.

POLS 4405 Politics in the European Union 3/0/3

Prerequisite: POLS 1101 and POLS 3402 or by permission

This course is an introduction to the history, political institutions, and policies of the European Union that emphasizes the policy changes, power-dynamics, and supranational developments within the EU's domain of influence over the past half-century.

POLS 4501 International Law 3/0/3

Prerequisite: POLS 1101

An introductory course designed to familiarize students with the body of international law, its applicability, and the existing organs of arbitration and adjudication. The course examines the role of international courts, laws of war and peace, human rights law, migration law, and the role of the individual in international law.

POLS 4502 Gender and Ethnicity in International Politics 3/0/3

Prerequisite: POLS 1101

The course introduces students to the interconnectedness of gender roles and ethnic classifications with international relations. Thus, this course takes an interdisciplinary approach to the study of colonialization, war and peace, revolutionary theory, social movements, development, and human interaction with environment.

POLS 4503 International Organization 3/0/3

Prerequisite: POLS 1101

An analysis of international organizations with an emphasis on the United Nations. The course examines the role of the UN in peacekeeping, collective security, economic development, and human rights.

POLS 4504 International Political Economy 3/0/3

Prerequisite: POLS 1101 and one of ECON 2100, 2105, 2106, or instructor permission

This course analyzes the politics of international economic relations and investigates the origins and evolution of the international political economy since World War II. It addresses the rise of globalization and the interplay of politics and economics as they relate to the international financial system, international trade, and efforts at regional economic integration.

POLS 4601 Ancient and Medieval Political Thought 3/0/3

Prerequisite: POLS 1101

A critical reading of selected works by major ancient and medieval Western political thinkers, e.g., Sophocles, Thucydides, Plato, Aristotle, Augustine, Aquinas, and Machiavelli.

POLS 4602 Modern Political Thought 3/0/3

Prerequisite: POLS 1101

A critical reading of the major works which form the basis for political thinking in modern times. Authors include such thinkers as Hobbes, Rousseau, Marx, Engel, and Nietzsche who explore issues like freedom, family, community, order, and the modern state.

POLS 4603 American Political Thought 3/0/3

Prerequisite: POLS 1101

A critical reading of selected essays, speeches, and literary works from America's great and unique political traditions. The course will focus on various major themes: commerce, freedom, justice, race, democracy, representation, community, or family life.

POLS 4701 Technology and Sustainable Development 3/0/3

Examines economic development policy at all levels of government and the roles technology can play in promoting sustainable economic development.

POLS 4704 Planning Theory and Practice 3/0/3

This course provides an overview of the development of planning theory, its practice, and its usefulness in addressing the challenges facing public-planning in modern society. Same as PLAN 4704

POLS 4705 Computers in Politics, Planning and Management 3/0/3

This course will acquaint students with computer-based methods used in the fields of political science, planning, and public administration. Same as PLAN 4705

POLS 4981 Directed Reading in Political Science var. 1-3

Prerequisite: POLS 1101, junior or senior standing and instructor's permission

In-depth, individualized research on specific political problems and issues.

POLS 4984 Senior Seminar 3/0/3

Prerequisite: POLS 1101 and senior status

The Senior Seminar is a capstone course that offers students a broad overview of the discipline of political science. The specific purpose of the course is to identify and concentrate on remedying deficiencies in individual student programs of study. Required of all political science majors.

POLS 4985 Problems in Politics 3/0/3

Prerequisite: POLS 1101

Specialized areas of analysis in a subfield of political science with the specific titles announced in the class schedule and entered on the students' transcripts. Students may repeat the course for credit as topics change.

PRE-PROFESSIONAL

PRE-ALLIED HEALTH (2 + 2 Programs)

Advisor: D. Lea-Fox

Students interested in careers in medical technology, physician assistant, radiological sciences, and respiratory therapy will complete the freshman and sophomore years at any accredited undergraduate school and then enter the appropriate allied health program. Students should refer to the Department of Biology's allied health program for the requirements for the first two years. The student will receive a Bachelor of Science degree in the allied health program completed from the professional school. Graduates of the professional program are eligible to take the national certification exams.

PRE-DENTAL HYGIENE

Advisor: D. Lea-Fox

The University of West Georgia offers a one- or two-year pre-dental hygiene program, which is designed to prepare students to enter programs leading to Bachelor of Science or Associate of Science in Dental Hygiene degrees. The two-year program described below will provide students with all the general education courses required for admission to the two-year program at the Medical College of Georgia and a baccalaureate degree.

Core Curriculum Areas A, B, C & E (see pages 128-134)	Hours
Core Area A must include the following:	
ENGL 1101	3
ENGL 1102	3
MATH 1101 or 1110	3
Core Area B must include the following:	
COMM 1110	3
Core Area B2 course	1
Core Area C must include the following:	
XIDS 2100	3
Core Area C2 course	1
Core Area D must include the following:	
CHEM 1151K	4
CHEM 1152K	4
BIOL 2030	3
Core Area E must include the following:	
HIST 1111 or 1112	3
HIST 2111 or 2112	3
POLS 1101	3
Core Area E4 course	3
Core Area F must include the following:	
BIOL 2021	4
BIOL 2022	4
PSYC 1101	3
SOCI 1101	3
BIOL 2030	1
MATH 2063 (or other approved course)	3

PRE-FORESTRY

Advisor: J. Hendicks

Students interested in a career in forestry or related fields such as environmental resources, fisheries, and wildlife can receive excellent preparation for a Bachelor of Science in Forest Resources (B.S.F.R.) through the pre-forestry program. The pre-forestry program is a two-year track that gives the student a foundation in the biological, physical, and social sciences, as well as the humanities. Following completion of the pre-forestry program, students transfer to a forestry school for completion of the B.S.F.R. degree. Most West Georgia pre-forestry students transfer to the Warnell School of Forestry and Natural Resources at the University of Georgia. The Department of Biology offers advising for pre-forestry students.

PRE-LAW

Advisor: T. Hunter

The pre-law program is available through the Department of Political Science

and is flexible in order to allow student preference to contribute to the curriculum. The program accommodates either a B.A. or B.S. degree, and the department recommends that students include the following courses: Judicial Process (POLS 3301), Constitutional Law I (POLS 4301), Constitutional Law II (POLS 4302), and American Political Thought (POLS 4603) *or* Modern Political Thought (POLS 4602) as the theory requirement in the major. Other recommended courses are Critical Thinking (PHIL 2110), Principles of Accounting I (ACCT 2101), Business Law (MGNT 3602), Principles of Macroeconomics (ECON 2105), and Creative Writing (ENGL 3200) *or* Advanced Composition: Creative Nonfiction (ENGL 3400).

PRE-MEDICAL, PRE-DENTAL AND PRE-VETERINARY

Advisors for Biology Majors: Pre-Medicine & Pre-Dentistry; Osborne, D. Lea-Fox and S. Swamy-Mruthinti; Pre-Veterinary; L. Payne
Advisors for Chemistry Majors: V. Geisler, P. Ray and G. Ray

Students interested in careers as physicians, dentists, or veterinarians need to first obtain an undergraduate degree and then apply to the appropriate professional school. While there is no specific undergraduate degree requirement for entry into professional schools, the vast majority of students accepted have degrees in Biology or Chemistry. Students should refer to the descriptions for the Biology or Chemistry pre-professional degree track programs for the degree requirements.

PRE-OCCUPATIONAL THERAPY

Advisor: D. Lea-Fox

Since 2007 all new occupational therapists are required to have a master's degree. The occupational therapy program is unique in that the student does not receive a 4-year undergraduate degree before entering the master's program. The student completes the freshman and sophomore years at any accredited undergraduate school and then enters the occupational therapy professional program at the junior level. The final degree received in the professional program is a master's degree. Students should refer to the Department of Biology's allied health program for requirements for the first two years.

PRE-PHARMACY

Advisor: F. Khan and P. Ray

The pre-pharmacy student normally spends two years at West Georgia before transferring to the pharmacy school of his or her choice. Because requirements vary at pharmacy schools, the student must seek proper advisement. Listed below are course requirements for admission to University of Georgia and Mercer University, the two pharmacy schools most frequently chosen by students completing the pre-pharmacy program at West Georgia.

	Hours
Core Curriculum Areas A, B, C, & E (see pages 128-134)	42
Core Area A must include MATH 1113*	
Core Area B must include COMM 1110	
Core Area D must include:	
CHEM 1211K	4
CHEM 1212K	4
MATH 1634*	3
*(2 hours moved to Area F)	
Core Area E must include ECON 2105 or 2106	12

Core Area F: Courses specific to the major:

CHEM 2411 and 2411L	4
CHEM 2422 and 2422L	4
BIOL 1107 and 1107L	4
BIOL 1108 and 1108L	4
MATH 2063****	4
Math credit from Area A and D	2

****Mercer University requires PHYS 1111 or 2211 but does not require MATH 2063.

PRE-PHYSICAL THERAPY

Advisor: D. Osborne

Students interested in a career in physical therapy need to know that space is limited in this professional program. At the time of this publication there are less than 150 openings in the state of Georgia for physical therapy students each fall. All physical therapy programs require an undergraduate degree before admission into the physical therapy graduate program. A strong background in the sciences is preferred for admission into these programs. For students interested in physical therapy the Department of Biology offers advising and a pre-professional track program. Students should refer to the Biology pre-professional program for the degree requirements.

PRE-PHYSICIAN'S ASSISTANT PROGRAM

The guidelines for preparation for physician's assistant programs in the State of Georgia are changing rapidly at the present time. Students interested in this option should contact the Department of Biology or Chemistry for up-to-date information on P.A. programs in Georgia and the proper degree track to prepare for these programs.

PRE-PROFESSIONAL B.A in Chemistry

Advisor: V. Geisler

This degree option is frequently the choice of pre-professional students because it allows a wide range of elective courses to fulfill the degree requirements. It is designed specifically for those students planning to attend medical, dental, veterinary, physician's assistant, or other professional programs. The general pre-professional requirements include 2 years of Chemistry and 1 year each of Biology, Physics, and English, with Biochemistry strongly recommended. These requirements would make Chemistry an appropriate major.

Upon completion of this degree program the student will have acquired:

1. competence in the basic content of organic, inorganic, physical, analytical chemistry, biochemistry, and biology;
2. the ability to carry out experimental protocols and analyze and interpret data;
3. the ability to communicate effectively in both oral and written presentations;
4. proficiency in the use of appropriate computer applications and information technology as applied to chemistry;
5. adequate preparation to compete successfully in a professional school or a science-related career; and
6. understanding of the impact of chemistry in a global/societal context.

Hours

Core Curriculum Areas A, B, C, & E (see pages 128-134)

42

Core Area A must include MATH 1113*		
Core Area C: foreign language is recommended.		
Core Area D must include MATH 1634* and PHYS 1111 or 2211 and PHYS 1112 or 2212 is recommended. (*2 hours moved to Area F)		
Core Area F: Courses specific for the major		18
CHEM 1211K or CHEM 1230K	4	
CHEM 1212K or CHEM 2411 and 2411L	4	
MATH 2644	4	
BIOL 1107 and 1107L	4	
Math credit from Area A and D	2	
Requirements for the major		30-34
Courses from the major:		
CHEM 2411 and 2411L (if not in Area F)	0-4	
CHEM 3422 and 3422L	4	
CHEM 3310K	4	
CHEM 3510 or 3521 or 3522	3	
CHEM 4610	3	
CHEM 4711	3	
CHEM electives**	6	
Courses from supporting disciplines:		
CS 1301	4	
Foreign Language 2001	3	
Minor		
15-18 total hours with 9 hours at 3000-level or above		15-18
BIOL 1108	4	
BIOL 2134 and 2134L	4	
Biology Electives (3000-level or above)	9	
Electives (7 hours must be at 3000-level or above)		8-15
TOTAL	120	

General Restrictions: A maximum of 3 hours of research allowed in the degree program.

Students in this program must maintain a minimum 3.0 cumulative GPA and only one D is permitted in courses used to satisfy the major. Six (6) hours of WAC courses are required.

***Chemistry Electives - The following courses are not allowed: CHEM 3130, CHEM 3140, CHEM 4083, CHEM 4084, and CHEM 4185.*

PSYCHOLOGY

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<http://www.westga.edu/~psydept/>

Professors, C. Aanstoos, T. Hart, D. Helminiak, J. Jenkins, K. Malone, D. Rice;
Associate Professors, J. Dillon, E. Dodson, M. Kunkel, L. Osbeck, A. Pope
(Interim Chair), J. Reber, L. Schor; **Assistant Professors,** J. Carter

B.A. DEGREE WITH A MAJOR IN PSYCHOLOGY

To be admitted into the B.A. program in Psychology, students must have completed at least 15 hours with a cumulative GPA (including all transfer credit) of 2.5 or better. At the very least, students must declare the major in Psychology at the mid-point of the semester prior to the semester of graduation.

Learning Outcomes

In keeping with the mission of the University of West Georgia, the Department of Psychology provides its students with opportunities for intellectual

and personal development through quality teaching, scholarly inquiry, creative endeavor, and service for the public good. The University aspires to preeminence in providing educational excellence in a personal environment through an intellectually stimulating and supportive community for its students, faculty, and staff. The Department joins the University in its commitment to high-quality undergraduate and graduate programs that are grounded in a strong liberal arts curriculum and that:

- Impart broad knowledge and foster critical understanding needed for intellectual growth, personal and social responsibility, cultural and global literacy, and life-long learning
- Emphasize disciplinary rigor
- Foster the development of effectiveness in communication, critical and independent thinking, problem solving, and the use of technology
- Create a learning community dedicated to instructional excellence where close student-faculty interaction enhances both teaching and learning for a diverse and academically well-prepared student body

	Hours
Core Areas A, B, C, D, and E (see pages 128-134)	42
Core Area F (Major Specific Courses)	18
PSYC 1101	
PSYC 2000	
Foreign Language through 2002	
Select at least 6 hours of 1000/2000 level from among: ANTH, SOCI, PSYC 1030, PHIL, XIDS, FORL 2200	
Major Courses	31
(PSYC 1101 and 2000 are also required for the major and are listed in Area F.)	
Select a minimum of 2 courses from among the following:	8
PSYC 3010 Growth and Development	
PSYC 3150 Abnormal Psychology	
PSYC 3730 Social Psychology	
PSYC 3800 Psychology of Mind/Body	
PSYC 3900 Personality and Motivation	
PSYC 4030 History and Philosophy of Psychology	
Advanced Topics: Select from among psychology courses at the 3000/4000 level.	20
PSYC 4884 Integrative Seminar	3
Electives (6 hours must be at 3000/4000 level) (*depending on minor requirements)	11-14*
Minor	15-18
TOTAL	120
REQUIREMENTS FOR THE MINOR	16
A. Select a minimum of 1 course from among the following:	4
PSYC 3010 Growth & Development	
PSYC 3150 Abnormal Psychology	
PSYC 3730 Social Psychology	
PSYC 3800 Psychology of Mind/Body	
PSYC 3900 Personality and Motivation	
B. Select upper division psychology courses	12

PSYCHOLOGY COURSES (PSYC)

- PSYC 1030 Personal Relationships 3/0/3**
 Experiential exploration through personal interactions. Designed to encourage the development of sensitivity to feelings, attitudes, and beliefs of one's self and others.
- PSYC 1040 Career/Job Search Strategies 2/0/2**
 Focuses on the development of competencies which enable students to successfully develop and manage their career paths, e.g., career assessment.
- PSYC 1101 Introduction to General Psychology 3/0/3**
 A broad survey of the major topics in psychology including, but not limited to, research methodology, biological and social factors influencing behavior, development, learning, memory, personality, and abnormalities.
- PSYC 2000 Humanistic Psychology 3/0/3**
 Prerequisite: PSYC 1101 or permission of instructor
 An exploration for majors of concepts and approaches centering around humanistic psychology.
- PSYC 3010 Human Growth and Development 4/0/4**
 Prerequisite: PSYC 1101 or permission of instructor
 An overview of psychological growth and development across the life span.
- PSYC 3110 Human Sexuality 3/0/3**
 Study of the phenomenon of human sexuality on a societal and personal basis with integrated approaches and philosophies from natural, social, anthropological, religious, and psychological perspectives.
- PSYC 3150 Abnormal Psychology 4/0/4**
 Prerequisite: PSYC 1101 or permission of instructor
 An examination of psychological disorders ranging from everyday suffering and interpersonal problems to severe disorders and their treatment.
- PSYC 3200 Introduction to Organizational Development 3/0/3**
 Prerequisite: PSYC 1101 or permission of instructor
 Introduction to organizational process, creation of organizational growth climates, examination and selection of effective leadership styles and effective modes of communication, and coping with the future in periods of accelerating change.
- PSYC 3310 Psychological Services 3/0/3**
 Prerequisite: PSYC 1101 or permission of instructor
 An introduction to the field of psychological services, exploring a variety of services and their meaning for human experience and human growth.
- PSYC 3470 Existential Psychology 3/0/3**
 Prerequisite: PSYC 1101 or permission of instructor
 A survey of existential philosophy's principal concepts, texts, and thinkers, with an emphasis on their significance for psychological theory and praxis.

- PSYC 3580 Holistic Health Psychology 3/0/3**
Prerequisite: PSYC 1101 or permission of instructor
An exploration into the relationship between psychological variables and health. Topics covered include personality factors, attitudes, beliefs, interpersonal relations, life-styles, Eastern and cross-cultural approaches, emotions, stress reduction, nutrition, and exercise as they relate to psychological and physical health.
- PSYC 3590 Sports Psychology 3/0/3**
Prerequisite: PSYC 1101 or permission of instructor
Focuses on relationships between athletic performance, human experience, and psychology. Topics to be covered may include motivation, concentration, relaxation, goal-setting, and other performance and experiential factors.
- PSYC 3600 Psychology of Communication 3/0/3**
Prerequisite: PSYC 1101 or permission of instructor
Exploration into modes of communication with self, others, and environment as well as a study of verbal and non-verbal conveyances of meaning.
- PSYC 3703 Behavior Modification 3/0/3**
Theoretical formulations and practical applications of behavioral techniques, especially as they apply to classroom management and assisting students in developing pro-social behavior. Same as SPED 3703.
- PSYC 3730 Social Psychology 4/0/4**
Prerequisite: PSYC 1101 or permission of instructor
The impact of language, culture, and social structure upon the development of the person in society.
- PSYC 3760 Foundations of Neuroscience 3/0/3**
An exploration of the anatomy and physiology of the nervous system in relation to experiences such as perception, emotion, motivation, learning, language, thought, and decision-making, all through the purview of a critical examination of the biological model.
- PSYC 3800 Psychology of Mind/Body 4/0/4**
Prerequisite: PSYC 1101 or permission of instructor
This course examines the effect of psychological experiences on bio-physiological processes. Topics discussed include Psycho-neuroimmunology, state-dependent learning, mind-body therapies (e.g., biofeedback, meditation, hypnosis, guided imagery, etc.), disciplines (e.g., yoga, tai chi, etc.), and philosophical conceptions of mind/body relations.
- PSYC 3900 Personality and Motivation 4/0/4**
Prerequisite: PSYC 1101 or permission of instructor
This course examines the major theories of personality and motivation. The major concerns to be addressed are the nature and purpose of the personality-theorizing activity and its relationship to the theorizing person.
- PSYC 4003 Statistics for the Social Sciences 3/0/3**
Prerequisite: PSYC 1101 or permission of instructor
Provides a systematic, precise, and rational perspective based on probability theory. Learnings involve descriptive and inferential statistics and computer application of statistical packages. Same as SOCI 4003

- PSYC 4030 History and Philosophy of Psychology 4/0/4**
 Prerequisite: PSYC 1101 or permission of instructor
 An intensive exploration of the major theoretical themes in psychology in historical and contemporary contexts.
- PSYC 4040 Psychology of Dreams 3/0/3**
 Prerequisite: PSYC 1101 or permission of instructor
 An exploration of the content analysis of dreams as a vehicle for personal growth. Classical theories (e.g., Freudian, Jungian, Gestalt) will be covered, as well as contemporary physiological, phenomenological, and cognitive theories. Emphasis will be placed on personal understanding of one's dreams as they relate to everyday life.
- PSYC 4070 Psychology of Myth and Symbol 3/0/3**
 Prerequisite: PSYC 1101 or permission of instructor
 A study of myths and symbols in human expression.
- PSYC 4085 Horizon Seminar 3/0/3**
 Prerequisite: PSYC 1101 or permission of instructor
 A special series of topical seminars meant to explore subjects at the leading edge of contemporary psychology which are of special interest to students and faculty. May be repeated for credit.
- PSYC 4090 Groups and Group Process 3/0/3**
 Prerequisite: PSYC 1101 or permission of instructor
 An introduction to factors affecting the formation, evolution, and development of groups and group process. Examines factors affecting groups and group process in a variety of settings. Includes discussion of leadership styles and their impact on group functioning and group process.
- PSYC 4130 Eastern and Transpersonal Psychologies 4/0/4**
 Prerequisite: PSYC 1101 or permission of instructor
 Introduction to spiritual experience and its understanding in Hinduism, Buddhism, and Transpersonal psychologies.
- PSYC 4140 Psychology of Gender 3/0/3**
 Prerequisite: PSYC 1101 or permission of instructor
 Gender-related perspectives on human psychology. Emphasis on helping men and women to re-examine their self-images in the light of contemporary gender-based movements.
- PSYC 4150 Tests and Measurements 3/0/3**
 Prerequisite: PSYC 1101 or permission of instructor
 This course is concerned with the theory and practice of educational and psychological measurement. The focus is on the technology of measurement rather than on the development of skill in the use of any given measuring instrument. Classroom test construction will be emphasized. Same as CEPD 4150.
- PSYC 4160 Psychology of Love 3/0/3**
 Prerequisite: PSYC 1101 or permission of instructor
 An exploration of the dynamics involved in building an intimate relationship that is fulfilling to all parties. By way of definition, the important aspects of a love relationship are discussed.

- PSYC 4190 Advanced Organizational Development** 3/0/3
Prerequisite: PSYC 1101 or permission of instructor
An analysis of the processes for organizational development and renewal with emphasis on individual and organizational health. Special attention will be given to effective processes for change in the organizational context.
- PSYC 4200 Parapsychology** 3/0/3
Prerequisite: PSYC 1101 or permission of instructor
An examination of the ways scientists and psychologists investigate unusual experiences such as telepathy, pre-cognition, psychokinesis, remote viewing, and clairvoyance. Parapsychology's impact on consciousness studies, research design, and medicine and healing is discussed.
- PSYC 4220 Research Explorations** 3/1/4
Prerequisite: PSYC 1101 or permission of instructor
Designed to encourage personal and collective original research into areas of particular interest in psychology and to acquaint the student more closely with various methodologies.
- PSYC 4230 Phenomenological Psychology** 3/0/3
Prerequisite: PSYC 1101 or permission of instructor
A study of the foundations, method, and applications of phenomenology in psychology with special attention to the nature of the self and the scientific attitude.
- PSYC 4270 Psychology of Childhood** 3/0/3
Prerequisite: PSYC 3010 or permission of instructor
A psychological study of the pre-adult world, emphasizing psychological growth from the pre-natal period through adolescence. Developmental issues will be examined from psychoanalytic, psychosocial, and phenomenological perspectives.
- PSYC 4280 Psychology of Adolescence and Adulthood** 3/0/3
Prerequisite: PSYC 3010 or permission of instructor
A psychological study of the adolescent and adult world, emphasizing psychological growth from adolescence through old age. Developmental issues will be examined from psychoanalytic, psychosocial, and phenomenological perspectives.
- PSYC 4290 Moral and Social Development** 3/0/3
Prerequisite: PSYC 3010
Explores the cross-cultural structure and psychological dimensions of the moral self and its evolving relationship with the interdependent social world.
- PSYC 4350 Culture and Psychology** 3/0/3
Prerequisite: PSYC 1101 or permission of instructor
Cross-cultural and social explorations that examine the impact of culture on psychological life.
- PSYC 4500 Explorations into Creativity** 3/0/3
Prerequisite: PSYC 1101 or permission of instructor
An experiential exploration into the nature of creativeness. Relevant research will be related to students' attempts to discover their own creative potential.

- PSYC 4650 Transpersonal Development** 3/0/3
 Prerequisite: PSYC 1101 or permission of instructor
 An overview of the farther reaches of human development including consideration of consciousness studies, altered states of consciousness, spiritual growth, and ways of knowing.
- PSYC 4660 Advanced Topics in Abnormal Psychology** 3/0/3
 Prerequisite: PSYC 3150 or permission of instructor
 An in-depth examination of a topic within abnormal psychology. Subject matter will change from semester to semester. May be repeated for credit.
- PSYC 4670 Values, Meaning, and Spirituality** 3/0/3
 Prerequisite: PSYC 1101 or permission of instructor
 A study of the human need to structure living around sets of values and meanings and a consideration of the spiritual nature and implications of this need.
- PSYC 4760 Introduction to Psychotherapy** 3/0/3
 Prerequisite: PSYC 1101 or permission of instructor
 An introductory course in psychotherapy providing counseling and communications skills for pre-professionals.
- PSYC 4864 Consumer Behavior** 3/0/3
 Prerequisite: PSYC 1101 or permission of instructor, upper level course in Behavioral Sciences or Marketing or permission of Department Chair in Marketing
 A comprehensive analysis of the factors in human behavior which influence the choice and the use of products and services. Same as MKTG 4864.
- PSYC 4881 Independent Study in Psychology** var. 1-4
 Prerequisite: PSYC 1101 and permission of instructor
 Title and description of specific courses to be inserted at time of offering. May be repeated for credit.
- PSYC 4884 Integrative Seminar** 3/0/3
 Prerequisite: PSYC 1101 and at least 4 upper division courses in the major or permission of instructor.
 An attempt to help the student put into perspective his or her understanding of psychology and to put this into meaningful context of his or her general education. Comprehensive Assessment.
- PSYC 4887 Practicum Experiences in Human Services** var. 1-8
 Prerequisite: PSYC 1101 and permission of instructor
 Individually designed program of supervised experience in the field of human services aimed at providing opportunities for field-related practice and development of sensitivity, awareness, and skills relevant to provision of human services. May be repeated for credit.

SOCIOLOGY

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<http://www.westga.edu/~soccrim/>

Professors. J. Fuller, J. McCandless (Chair); **Associate Professor,** L. Holland, D. Jenks, P. Luken, C. Williams; **Assistant Professor,** P. Hunt, C. Jenks, M. Johnson, T. Matthews, N. Noori, C. Sawtell

Learning Outcomes

Students completing the B.S. degree with a major in Sociology should:

1. Be able to communicate (orally and in writing) how sociology contributes to an understanding of social reality
2. Understand theoretical and methodological approaches to description and interpretation
3. Understand basic concepts, perspectives, and their interpretive applications
4. Understand the nature of culture and social structure
5. Understand the reciprocal relationship between the individual and society
6. Understand the diversity of American society
7. Demonstrate an ability to think critically
8. Show specific knowledge in one subfield of sociology

B.S. DEGREE WITH A MAJOR IN SOCIOLOGY

To be admitted into the B.S. program in Sociology, students must first complete 40 credit hours of Core Areas A-E with a cumulative GPA of 2.0 or better, AND have earned a satisfactory grade on both the Regents Reading Exam and the Regent's Essay Exam.

	Hours
Core Area A, B, C, D, E (see pages 128-134)	42
Core Area F	18
SOCI 1101	3
Foundations of Social Sciences	3-12
1000 or 2000 level courses from the following Disciplines: ANTH, CRIM, ENGL, FORL, GEOG, Global Studies, HIST, COMM, PHIL, POLS, PSYC, or SOCI	
Technical Skills	3-12
1000 or 2000 level courses from the following Disciplines: ACCT, CISM, CS, ECON, MATH, MEDT, or XIDS 2201/2202	
Major Courses	60
A. SOCI 4000, 4053, 4003, 4984	12
Must complete SOCI 4000, 4053, and 4003 <i>before</i> semester of graduation and <i>before</i> enrolling in SOCI 4984	
B. Upper Division Courses	24
SOCI courses at 3000 or 4000 level	
C. Supporting Courses (or Minor)	15-18
Non-SOCI courses at 3000 or 4000 level	
D. General Electives	6-9
TOTAL	120

No more than a total of nine hours of directed research, directed readings, and senior thesis credits may be applied toward the major.

REQUIREMENTS FOR A MINOR IN SOCIOLOGY (minimum 15 hrs)

Upper level sociology courses	12-15
SOCI 1101	3

REQUIREMENTS FOR A MINOR IN WOMEN'S STUDIES

<http://www.westga.edu/~artsci/women/>

Select five courses from three different areas of study. A list of approved courses can be obtained from the Department of Sociology and Criminology.

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SOCIOLOGY COURSES (SOCI)**SOCI 1101 Introduction to Sociology 3/0/3**

A general introduction to the sociological perspective including theoretical orientations, methodological approaches, the content of society and culture, the process of socialization, social institutions, and social stratification.

SOCI 1160 Introduction to Social Problems 3/0/3

An overview of sociological approaches to the study of recent and more enduring social problems. Topics include an analysis on global inequality, the environment, race, class, gender, and generational antagonisms with a focus on crises experienced in economic, family, community, political, educational, criminal, health/mental health care, and delivery systems and institutional areas.

SOCI 2203 Introduction to Women's Studies 3/0/3

Prerequisite: Any introductory course in HIST, PSYC, or SOCI

This course will concentrate upon the theories and analyze the research that is of current interest to scholars in the area of Women's Studies.

SOCI 3001 Preparing for Success in Sociology 3/0/3

Prerequisite: SOCI 1101. Students with more than six 3000-4000 hours in sociology will be denied admittance.

Provides practice in fundamental perspectives, skills and habits necessary to succeed in sociology. Communication skills will be emphasized, especially writing skills. For beginning sociology majors only.

SOCI 3100 Sociology of Humor 3/0/3

Prerequisite: SOCI 1101 or consent of instructor

This course studies the humor of primarily contemporary American culture. The course demonstrates how humor gives keen insight into the character of social roles, social structure, social institutions, subcultures, and other sociological categories. To determine who laughs at what and why, we analyze jokes, movies, television programs and commercials, humorous writings, standup comedy, and other ways of communicating the comic. By studying what makes us laugh, we gain insight into our society, ourselves, and our social/historical situations.

SOCI 3134 Introduction to Social Work and Social Welfare 3/0/3

Prerequisite: SOCI 1101 or consent of instructor

This course will provide an overview of the social work profession and of the field of social welfare, including the history, philosophy, and value of each. Students will examine the agencies and organizations which provide social welfare services, as well as the various methods, processes, and skills of social work practice.

- SOCI 3273 Managing Cultural Differences** 3/0/3
Prerequisite: Junior or senior standing or consent of instructor
A course designed to enable students to become more competitive in their chosen career fields by developing in them an understanding of the importance of increasing global economic interdependence and the challenges of relations to people from other countries or cultures. Same as MGNT 3627.
- SOCI 3293 Marriage and Family** 3/0/3
Prerequisite: SOCI 1101 or consent of instructor
The process of creating a marriage and a family requires many personal choices in a social context that is full of individualism, economic pressure, social diversity, and decreasing marital performance. Choosing a partner, structuring a marriage, sharing responsibilities, resolving conflict, and having children are important issues one will face throughout the life cycle of a marriage. These same issues will help structure this course.
- SOCI 3543 The Sociology and Religion** 3/0/3
Prerequisite: SOCI 1101 or consent of instructor
In this course religion is examined from a distinctly sociological perspective. This course recognizes religion as a quintessentially social phenomenon and emphasizes that the many social/cultural aspects of religion are amenable to theoretical inquiry and scientific investigation.
- SOCI 3603 Sociology of Gender** 3/0/3
Prerequisite: SOCI 1101 or consent of instructor
Analysis of sex-role stereotypes in an effort to determine their origin, transmission, effects, and change.
- SOCI 3623 Social Inequality** 3/0/3
Prerequisite: SOCI 1101 or consent of instructor
Social Inequality provides an in-depth analysis of inequality in its many dimensions. Included in this course will be an analysis of classic and modern theories of social inequality and the impact of inequality on individual behavior.
- SOCI 3733 Social Psychology: The Sociological Tradition** 3/0/3
Prerequisite: SOCI 1101 or consent of instructor
Focuses on sociology's contributions to the development of social psychology as they relate to identity, emotion, fact-to-face interaction, and group dynamics.
- SOCI 3743 Collective Behavior/Social Movements** 3/0/3
Prerequisite: SOCI 1101 or consent of instructor
Collective behavior is behavior in which the usual social conventions and norms no longer guide social action and institutional patterns of behavior are bypassed as new norms are spontaneously developed. Social movement behavior refers to behaviors associated with more formal organizations established to achieve a goal of social change. In this course a brief review of collective behavior will set the stage for a more comprehensive study of social movements and social movement organizations.
- SOCI 3804 Death, Grief, and Caring** 3/0/3
Prerequisite: SOCI 1101 or consent of instructor
This course requires an exploration into the emotional and sociological aspects of loss, grief, dying, and death from the perspectives of the individual, the society, and the culture. This is done through lectures, guest speakers, exercises, and writing daily in a personal journal.

- SOCI 3943 American Class System** 3/0/3
 Prerequisite: SOCI 1101 or consent of instructor
 Analysis of the contemporary class system in the United States. Attention to theoretical perspectives, the history of inequality, and social mobility will be included.
- SOCI 3954 Aging, Past, Present, Future** 3/0/3
 Prerequisite: SOCI 1101 or consent of instructor
 A theory and survey course designed to provide the student with a background in the issues facing individuals as they age. Instruction offers theory, survey of field of aging, and discussion.
- SOCI 3983 Directed Sociology Research** 0/0/3
 Prerequisite: Junior or senior standing, declared sociology/criminology major, and consent of the faculty supervisor
 This course provides students the opportunity to engage in faculty-directed research by working on an independent project or by working as an assistant to a faculty member. May be taken twice for credit toward the degree.
- SOCI 4000 Research Methodology** 3/0/3
 Prerequisite: SOCI 1101 or consent of instructor
 An introduction to the logic and procedures of quantitative and qualitative research methods. Focuses on research design, use of computer and statistical packages, data interpretation, the relation of research and theory, and the writing of scientific research reports. Same as CRIM 4000.
- SOCI 4003 Statistics for the Social Sciences** 3/0/3
 Prerequisite: Junior or senior standing or consent of instructor
 Provides a systematic, precise, and rational perspective based on probability theory. Learn descriptive and inferential statistics and computer application of statistical packages. Same as PSYC 4003 and CRIM 4003.
- SOCI 4053 Sociological Theory** 3/0/3
 Prerequisite: SOCI 1101 or consent of instructor
 Examines the contributions of major classical and contemporary sociological thinkers and schools of thought and the contexts in which they developed with a special emphasis on applying their ideas to the analysis of various social issues. Course begins with selected classical thinkers but emphasizes current perspectives and developments.
- SOCI 4100 Ethnicity and Aging** 3/0/3
 Prerequisite: SOCI 1101 or consent of instructor
 The goal of this seminar is to help students understand the influence of diversity in the aging process and the aged population, especially with respect to gender, race, ethnicity, and minority status. This seminar will examine the main soci-demographic characteristics of minority elders, including African Americans, Hispanics, Native Americans, and Asian Americans.
- SOCI 4103 Women and Work** 3/0/3
 Prerequisite: SOCI 1101 or consent of instructor
 A course designed to familiarize students with the history of women and work, the present role of women in the workplace, and current issues affecting working women and to develop in students skills and strategies for dealing with issues related to women and work. Same as MGNT 4626.

SOCI 4153 Women and Aging 3/0/3

Prerequisite: SOCI 1101 or consent of instructor

This course will focus upon the realities of being an aging woman in a youth-oriented society. Contemporary personal and social issues facing older women will be explored and long held beliefs about the aging process challenged.

SOCI 4182 Aging Families 3/0/3

Prerequisite: SOCI 1101 or consent of instructor

This course is a study of intergenerational family life. The course will examine the ways in which gender, social class, and race/ethnicity shape our experiences of family life. Topics include grandparenting, intergenerational relations, family caregiving, theories, and methods for studying families. This is a service learning course and requires 15 hours of service with older adults.

SOCI 4203 Women in American Society 3/0/3

Prerequisite: SOCI 1101

An analysis of gender, focusing primarily upon women in the United States. A range of topics and themes necessary to understand American women's statuses, roles, and experiences will be addressed.

SOCI 4300 Housing and Homelessness 3/0/3

Prerequisite: SOCI 1101 or consent of instructor

Sociological examination of the places in which we live, how we are housed, and what it is like to live without a place to call home. Consideration is allotted to the association of housing with economic, gender, race, and family relations, along with public policy and to contemporary issues such as segregation, affordability, urbanization/suburbanization, accessibility, and alternative housing. Special attention is given to the problem of homelessness.

SOCI 4323 Cultural and Racial Minorities 3/0/3

Prerequisite: SOCI 1101 or consent of instructor

Comparative study of racial and ethnic groups in America. The disciplinary base of this approach is sociological, but observations and interpretations from different perspectives will be examined. Special attention will be given to the nature of prejudice, discrimination, and inequality as related to historical, cultural, and structural patterns in American society. Topics include: ethnocentrism and racism; interracial violence; theories of prejudice and discrimination; immigration and immigrant experiences; the origins and nature of racial/ethnic stratification; and ideologies and programs to assist or resist change. African American experiences are emphasized and contrasted with those of other racial/ethnic groups.

SOCI 4333 Urban Sociology 3/0/3

Prerequisite: SOCI 1101 or consent of instructor

The demography, ecology, and social organization of American cities and sociological aspects of urban planning and development. Problems of contemporary American and Global cities.

SOCI 4373 Visual Sociology 3/0/3

Prerequisite: SOCI 1101 or consent of instructor

A qualitative research course focusing on the interpretation and analysis of photographic and other static images as a means for studying and critiquing social life. Student photographic projects are a major component of course work. Technical photographic skills not necessary. Course combines ethnographic research and critical sociology to develop visual literacy skills.

- SOCI 4386 Internship** 3-6
 Prerequisite: SOCI 1101, SOCI 4053 and SOCI 4000
 The internship provides students an opportunity to gain supervised work experience in an agency in their major area of study.
- SOCI 4440 Sociology of Medicine** 3/0/3
 Prerequisite: SOCI 1101 or consent of instructor
 This course includes the sociological study of physical health and illness, therapy, rehabilitation, and the organization of health care systems. It will examine help-seeking behaviors, utilization of health care services, issues of bioethics, and health care service provider roles, as well as race, class, and gender stratification within the health care system.
- SOCI 4441 Sociology of Mental Illness** 3/0/3
 Prerequisite: SOCI 1101 or consent of instructor
 This course presents a sociological introduction to the conceptualization and subsequent treatment of mental illness. While the subject of mental illness is often regarded as within the realm of medicine and psychology, the contributions of sociology have been numerous and significant. Amongst other things, sociology allows us to become familiar with the social, political, and economic variables that impact our definitions of mental illness, our explanations of mental illness, the experience of being mentally ill, and the social control of mental illness. In short, our concern in this course will be to explore prevailing assumptions concerning each of these issues, and utilize sociology as an instrument of critical analysis.
- SOCI 4445 Sociology of Childhood** 3/0/3
 Prerequisite: SOCI 1101
 This course will examine the influence of societal structure in the socialization of children and the sociological theoretical framework for the study of childhood. Students will be introduced to the complexity and diversity of sociological issues related to children, including family, parenting, school, an other socialization issues.
- SOCI 4513 Comparative Social Psychology** 3/0/3
 Prerequisite: SOCI 1101 or consent of instructor
 Learn theories and research methods in cross-cultural studies. Investigate universalities and specificities in human interaction and psychological process across social-cultural boundaries.
- SOCI 4543 Deviant and Alternative Behavior** 3/0/3
 Prerequisite: SOCI 1101 or consent of instructor
 Analysis and evaluation of sociological conceptions and research on deviant and unconventional thought and action. Focuses on contemporary, multicultural society. Same as CRIM 4543.
- SOCI 4613 Qualitative Research** 3/0/3
 Prerequisite: SOCI 4000 or consent of instructor
 An alternative to quantitative sociology. Focuses on the interpretive tradition within sociology where the meanings individuals construct for their social worlds are the topic of analysis. Same as CRIM 4643.

SOCI 4623 Art, Media, Cultural Politics 3/0/3

Prerequisite: SOCI 1101 or consent of instructor

The study of various sociological interpretations of what art is, how it is produced, disseminated, and utilized and how it organizes, produces, and transforms the life of a society and its members, particularly in a media-oriented culture. Special attention given to the role of art and artists in cultural politics.

SOCI 4693 Sports Crime and Society 3/0/3

Prerequisite: SOCI 1101 or consent of instructor

The study of sport as a socializing influence in society. The analysis of the role of sport, the subculture of sport, and the unintended consequences of sport in America and the world. Same as CRIM 4693.

SOCI 4700 Sociology of Emotions 3/0/3

Prerequisite: SOCI 1101 or consent of instructor

Examines the ways in which feelings and emotions are socially and culturally produced, defined, and learned, how they are embedded in and emblematic of societies, and the consequences of emotions in socially constructed avenues, including self-identity, gender, race, aging, health, ethics, and the law.

SOCI 4734 Social Work Skills 3/0/3

Prerequisite: SOCI 1101 or consent of instructor

This course is intended to 1) help students learn the complexity and diversity of social work practice and 2) help students learn the basic skills necessary to carry out social casework and social group work. Students must come to class prepared to participate in individual and/or group exercises designed to develop these skills.

SOCI 4803 Environmental Sociology 3/0/3

Prerequisite: SOCI 1101 or consent of instructor

Studies how societal practices and organization produce varying types of ecological degradation. Analyzes various forms of environmental activism. Analyzes selected cases and issues as well as critically examines and compares various sociological viewpoints. Considers global problems and everyday situations with a focus on modernity as risk society. Same as ENVS 4803.

SOCI 4913 Sociology of Everyday Life 3/0/3

Prerequisite: SOCI 1101 or consent of instructor

Qualitative research course examining how existentialism and phenomenology have influenced sociological interpretations of the everyday lived social world traditionally studied through symbolic interactionism. Focuses on social features of lived experiences such as aging, the body, emotions, health and illness, art, gender, identity, race, domination, and inequality, etc.

SOCI 4981 Directed Readings var. 1-3

Prerequisite: Junior or senior standing and consent of the instructor and the department chair

Title and description of the type of independent study to be offered will be specified on the variable credit form at time of registration. May be repeated at least three times for credit.

- SOCI 4983 Senior Thesis** 0/0/3
 Prerequisite: Senior standing, declared sociology major, and consent of the faculty supervisor
 Gives senior sociology majors the opportunity to conduct significant, independent, empirical research under the supervision of a faculty thesis director. Students are required to make an oral and written presentation of their research. May be taken twice for credit toward the degree.
- SOCI 4984 Senior Seminar** 3/0/3
 Prerequisite: Must have senior status and have completed 4000 and 4053 prior to enrolling in 4984
 This course provides an opportunity for seniors majoring in sociology to integrate their learning experiences. Two aspects of these learning outcomes will be demonstrated through (1) career-oriented learning applications and (2) academic learning applications.
- SOCI 4999 Special Seminars** 3/0/3
 Prerequisite: SOCI 1101 or consent of instructor
 Detailed study of topics not currently included in course catalog. Specific titles will be announced for the semester offered and will be entered on transcripts. May be repeated for up to 12 hours credit.

THEATRE

Martha Munro Building • 678-839-4700

<http://www.westga.edu/~theatre/800/index.html>

Professor, P. Gagnon; **Associate Professor**, T. Cox, A. Cuomo, R. Elman, A. Yeong;
Instructors, C. Boyd, B. Darvas, R. Darvas

Learning Outcomes

1. Students will demonstrate knowledge of selected plays, theatrical conventions, and theatrical movements important in the formation of the modern theatre.
2. Students will describe basic knowledge of theatre history, theory, and criticism, including research sources and methodology.
3. Students will demonstrate skills in analyzing plays, using theatre technology, and conducting research.
4. Students will express through performance, writing, speaking and other modes of communication the results of research and critical judgment, indicated by a demonstrable ability to reach an audience effectively through at least one of the components of theatrical art.
5. Students will apply skills learned in courses to a variety of work and social environments.
6. Students will illustrate awareness of the complex human condition acquired through aesthetic and intellectual perceptions as evidenced in various modes of theatrical production.
7. Students will function safely and effectively while using theatre technology.
8. Students will demonstrate knowledge of the various means (acting, directing, designing, constructing, playwriting, etc.) through which a theatrical concept is realized.

B.A. DEGREE WITH A MAJOR IN THEATRE

The Bachelor of Arts in Theatre is designed to illuminate the complexity of humanity through coursework and productions that mesh theatrical history, theory, and aesthetic concepts. Emphasis is on acting, directing, designing, constructing, and playwriting. Production work with the West Georgia Theatre Company provides a co-curricular component to the B.A. degree.

To be admitted into the B.A. program in Theatre, students must have completed at least 15 credit hours with a cumulative G.P.A. (including all transfer credit) of 2.5 or better.

	Hours
Core Areas A, B, C, D, & E (see pages 128-134)	42
Core Area F	18
THEA 2100	3
THEA 2291	3
Foreign Language - 2001 and 2002	6
THEA 1100 or XIDS 2100	3
Any one 1000 or 2000 level three-credit course in Art or Music (may include studio courses)	3
Courses specific for the major	36
THEA 1111 & 1112	2
THEA 2111 & 2112	2
THEA 2214	3
THEA 2290	3
THEA 3392 or 3290	3
THEA 3394	3
THEA 3111 & THEA 3112	2
THEA 3357	3
THEA 4111	3
THEA 4412 or THEA 3214	3
THEA 4485 or 4486	3
THEA 4415	3
THEA 4457	3
Electives for Theatre, choose one	3
ENGL 4188 (Shakespeare only)	3
THEA 4486	3-6
THEA 4485	3-6
THEA 3214	3
THEA 3290	3
THEA 3392	3
THEA 4412	3
ENGL 3200 (Screenwriting only)	3
ENGL 4106 (Genres in Drama only)	3
Free electives and minor (aminor of 15-18 hours is required)	21
3-6 hours in 3000 or above	
TOTAL	120

Recommended minors include Anthropology, Art, Art History, Creative Writing, English, French, German, History, Marketing, Mass Communications, Philosophy, Political Science, Psychology, Religion, Sociology, Spanish, and Women's Studies.

Major Requirements

The student must participate in an exit interview which includes a performance audition and/or portfolio presentation. All theatre majors are required to follow the guidelines of the Theatre Program Policy Handbook as published annually by the Theatre Program.

REQUIREMENTS FOR A MINOR IN THEATRE

THEA 1111 or 1112 OR 2111 or 2112 OR 3111 or 3112	Production & Performance	3 (1 hour each)
THEA 2291	Acting I	3
THEA 2100	Play Analysis	3
THEA 3357 or THEA 4457	Theatre History or Theatre History II	3
Upper Level Electives		6
TOTAL		18

THEATRE COURSES (THEA)

THEA 1000 Theatre Laboratory		0/1/0
Prerequisite: Theatre pre-major and major Attendance to all company meetings and all theatre company produced productions as specified by the Theatre Program faculty. All theatre majors and pre-majors are required to enroll for a grade of S or U.		
THEA 1100 Theatre Appreciation		3/0/3
Introductory analysis of script and actual performance and examination of current trends in theatre on Broadway, off-Broadway, and in regional companies. Attendance and written report are required for at least one theatre production.		
THEA 1111 Performance and Production		0/2/1
Prerequisite: THEA 1100 An introductory study of practical aspects of theatre production.		
THEA 1112 Performance and Production		0/2/1
Prerequisite: THEA 1111 An introductory study of practical aspects of theatre production.		
THEA 2050 Self-Staging: Oral Communication in Daily Life		3/0/3
An introduction to the performative base of oral communication and self-presentation. May count for credit in Core Area B1. Same as ENGL 2050.		
THEA 2100 Play Analysis		3/0/3
Prerequisites: THEA 1100 The ability to effectively analyze theatrical texts is essential to scholars and practitioners alike. In this class, students will dissect a script into its basic components to better understand structure, style, theme and other essential elements of theatre. Students will also survey representative historical genres, styles of theatrical texts, and methods of literary and dramatic criticism, as well as receive an introduction to theatre-specific research methods and resources. The course will emphasize academic analysis, but applications to theatrical production contexts will be encouraged.		
THEA 2111 Performance and Production		0/2/1
Prerequisites: THEA 1111 and 1112 Intermediate study of practical aspects of theatre production.		

- THEA 2112 Performance and Production** 0/2/1
 Prerequisite: THEA 2111
 Intermediate study of practical aspects of theatre production.
- THEA 2214 Concepts in Theatre Design** 3/0/3
 Prerequisite: THEA 1100
 A study of the history of design in theatre and film through the work of established designers. Emphasis will be on the theatre design process from inception to performance, play analysis, research skills, and the application of the principles and elements of design.
- THEA 2290 Stagecraft** 3/0/3
 Prerequisite: THEA 1100
 This course will introduce students to the creative and technical process in the realization of theatrical scenic, costume, and lighting designs. Students will learn the basics of hand and computer drafting, rendering, model making techniques and stage lighting standards.
- THEA 2291 Acting I** 3/0/3
 Prerequisite: THEA 1100
 An examination of the process of becoming an actor, including character development. Emphasis on improvisation, scene study, and monologue work.
- THEA 3111 Performance and Production** 0/2/1
 Prerequisites: THEA 2111 and 2112
 Advanced study of practical aspects of theatre production.
- THEA 3112 Performance and Production** 0/2/1
 Prerequisite: THEA 3111
 Advanced study of practical aspects of theatre production.
- THEA 3214 Scenography** 2/2/3
 Prerequisites: THEA 2100, 2214, 2290
 A study of the process of designing scenery and lighting for theatre productions. Projects cover development of visualizing a concept, using computer-drafted light plots, floor plans, elevations, models, and renderings.
- THEA 3290 Costume Design** 3/0/3
 Prerequisites: THEA 2100, 2214, 2290 or permission from instructor
 The student will be introduced to the total process of the costume designer. This process includes play analysis, research skills, costume period and style, design problems, rendering and construction skills, organization skills and an understanding in the principles and elements of design.
- THEA 3357 Theatre History I** 3/0/3
 Prerequisites: THEA 1100 and 2100
 Survey of the roots of theatre and drama from the Greek period to Ibsen.
- THEA 3392 Acting II** 3/0/3
 Prerequisites: THEA 2100 and 2291
 A continuation of THEA 2291, exploring scene and/or monologue study. Emphasis on the classic styles of acting.

- THEA 3394 Directing** 3/0/3
 Prerequisites: THEA 2100, 2214, 2291
 An introduction to major approaches, techniques, processes, and responsibilities associated with directing a play. Projects include in-class directing.
- THEA 4111 Production and Performance Capstone** 1/4/3
 Prerequisites: THEA 1111, 1112, 2111, 2112, 3111, 3112 or permission of instructor
 A capstone course designed to build on all experiential work in the students' college career. Topics will vary with instructors.
- THEA 4412 Acting III** 3/0/3
 Prerequisite: THEA 1100, 2291 or 3392
 This course explores audition technique for monologues and cold readings. The actor will build a repertoire of monologues and songs to be performed in class for use in future outside auditions.
- THEA 4415 Playwriting** 2/2/3
 Prerequisites: THEA 1100, 2100 or permission of instructor
 A study of the history, theory, and mechanics of writing a play as well as the experience of writing, reading, and revising performance works.
- THEA 4457 Theatre History II** 3/0/3
 Prerequisites: THEA 1100 and 2100
 Study of selected plays, conventions, and movements in drama from Ibsen to the present.
- THEA 4485 Special Topics in Theatre Art** 3/0/3
 Prerequisite: Junior or senior status, or permission of instructor
 Courses offered on a one-time or experimental basis to examine selected issues related to Theatre Arts and performance.
- THEA 4486 Internship** 3 - 6
 Prerequisite: THEA Major, minimum 2.5 GPA, completed junior-level course work
 Repeatable to a maximum of 6 credit hours. Opportunity for selected students to intern at theatre, film, commercial, and entertainment companies.



RICHARDS COLLEGE OF BUSINESS

Faye S. McIntyre, Dean
<http://www.westga.edu/~busn/>

MISSION STATEMENT

<http://www.westga.edu/~busn/mission.htm>

The mission of the Richards College of Business is to educate and prepare students for positions of responsibility and ethical leadership in society.

The RCOB provides quality business and professional education in a personal environment, built upon a common body of knowledge, and prepares students primarily from the West Georgia and Atlanta areas for positions of responsibility and ethical leadership in organizations by:

- Admitting quality local, regional, national, and international students and providing them with an educational experience that will prepare them to achieve future career excellence.
- Providing students with dynamic and up-to-date bachelor and master level curricula that are supported by an innovative technological base.
- Providing a solid business foundation for our students to compete successfully in a work environment, engage in lifelong learning opportunities, and apply high standards of ethical conduct.
- Recruiting high quality faculty and staff and providing them with sufficient resources to support excellence in teaching, primarily applied and pedagogical research, and service.
- Building internal and external partnerships that will create value for all parties.

The Richards College of Business offers the Bachelor of Business Administration degree (B.B.A.) with majors in accounting, management information systems, economics, finance, management, marketing, and real estate. Working with the Colleges of Arts & Sciences and Education, the College also offers the B.S. degree with a major in economics, the B.A. degree in international economic affairs, the B.S. degree in economics with secondary education certification, and the B.S. degree in education with a major in business education. Graduate programs are offered in business administration, business education (working with the College of Education), and professional accounting (see the *Graduate Catalog* for information).

These programs are administered through four departments: (1) Accounting and Finance, (2) Economics, (3) Management, (4) Marketing and Real Estate.

The Richards College of Business at West Georgia provides students a high-quality business education at both undergraduate and graduate levels, either to secure entry level managerial/professional employment

or to continue graduate studies. A liberal arts based education is provided to undergraduate students.

Faculty members are committed to professional development through intellectual activities. The primary means by which instructors enhance and update the content of their present courses and design new ones is through research and other professional development activities. Intellectual activities are also essential to enhance the status of the Institution among accredited member schools, potential employers, and other publics.

Service to the Institution and to the professional community supports the activities necessary to accomplish the mission. This involvement promotes the design of a superior curriculum, placement of graduates, discovery of new ideas for intellectual activities and classroom instruction, and the procurement of external funding for College activities.

To provide the student with an awareness of the legal, social, political, and economic environment in which business functions, the first two years of study are devoted primarily to the arts, sciences, and basic business courses. The junior and senior years emphasize the development of skills, understandings, and knowledge in particular areas of business. Enrollment in upper division courses is reserved for students satisfying the criteria contained in the Policy for Major Status. (See p. 379).

Note: All Richards College of Business students must see their advisors and get their schedules approved before attempting to register.

ACCREDITATION

The undergraduate B.B.A. and graduate M.B.A. and M.P.Acc College of Business programs are accredited by AACSB International-The Association to Advance Collegiate Schools of Business. The B.B.A. and graduate M.P.Acc accounting programs at West Georgia are separately accredited by AACSB International. The B.S. degree in Economics with Secondary Education certification and the B.S.Ed. degree in Business Education are accredited by National Council for Accreditation of Teacher Education (NCATE) and by the Georgia Professional Standards Commission.

PHYSICAL EDUCATION REQUIREMENT

The Richards College of Business requires three hours of physical education. The student may satisfy this requirement by taking either three 1-hour activity courses or the 2-hour Health and Wellness course and one 1-hour activity course.

Activity courses which students may select are broad in scope and scheduled frequently. Any requests for exceptions to the requirement should be approved by the Dean's Office.

Military veterans with two or more years of active duty are exempt from the physical education requirement.

Note, however, that if a student changes from the College of Business to the College of Education, the student must satisfy that college's physical education requirement.

DEGREE, MAJORS AND DEPARTMENTS

DEGREE: Bachelor of Business Administration (B.B.A.)

Majors

Accounting (ACCT)
 Management Information Systems (CISM)
 Economics (ECON)
 Finance (FINC)
 Management (MGNT)
 Marketing (MKTG)
 Real Estate (RELE)

Department

Accounting & Finance
 Management
 Economics
 Accounting & Finance
 Management
 Marketing & Real Estate
 Marketing & Real Estate

The B.B.A. programs provide students with a high-quality business education based on a solid liberal arts foundation so they can secure entry-level positions in organizations and/or pursue graduate studies.

To accomplish this mission, faculty members are committed to educating students who upon graduation will (1) communicate effectively in oral presentations and in writing; (2) apply basic quantitative skills to business problems; (3) have acquired basic skills in information and business technology; (4) possess a basic knowledge of accounting, economics, finance, the legal environment of business, management, and marketing; (5) recognize how ethical decision making and globalization affect organizations; and (6) utilize general and management-specific knowledge and skills in the analysis of business and economic problems.

The B.B.A. programs serve high school graduates as well as students transferring from two-year and four-year institutions of higher learning. The majority of students are from the local / regional area served by West Georgia. The programs also attract a small number of students from outside the University's regional service area, including other states and countries.

DEGREE: Bachelor of Science (BS)

Majors

Economics (ECON) or
 Economics with Secondary Education Certification**

Department

Economics

The B.S. degree in Economics provides students with the flexibility to build a foundation for further graduate study in business, economics, law, or other professional careers as well as offers a broad liberal arts and economics background for entry-level positions in business, government, and teaching.

The B.S degree in Economics serves students who want the flexibility to complete a variety of supporting courses in areas other than business but still have a solid understanding of the American economic system.

Students are also able to obtain a B.S. in Economics with Secondary Education Certification. Completion of this degree option will allow graduates to be qualified to teach economics, government, history, or other social sciences courses in high school.

DEGREE: Bachelor of Arts (BA)

Majors

International Economic Affairs (ECON)*

Department

Economics

The B.A. degree in International Economic Affairs is a multidisciplinary undergraduate degree. The International Economic Affairs program offers a broad liberal arts education with careful attention to international economics, foreign language skills, geography, cultural anthropology, history, political science, and sociology. The major serves its graduates by providing them with both the skills necessary to secure employment upon graduation and the broad conceptual and analytical abilities that will give them the flexibility needed for personal and professional growth.

The B.A. degree in International Economic Affairs serves students who want a background in international affairs and international economics. The program is designed to stand alone as a major and also serve as a second major for students earning a B.A. in other areas, such as foreign languages. Graduates from all three Economics majors (B.B.A., B.S., and B.A.) find jobs in management training programs, banking, real estate, stock brokerage, and journalism to name a few. Majoring in Economics is also excellent preparation for graduate study in business, law, or the social sciences.

DEGREE: Bachelor of Science in Education

Majors

Business Education (ABED)**

Department

Management

The B.S. degree in Business Education is designed to prepare graduates as 1) public school business teachers (including grades 7-12 and post secondary schools), 2) teachers/trainers in business and industry, and 3) other business and industry personnel in which applicants are required to have business/teaching backgrounds.

The B.S. in Business Education program serves students graduating from high schools as well as students transferring from other two- and four-year institutions of higher learning. The majority of students are from the local/regional area served by West Georgia. The program also attracts a small number of students from outside the University's regional area, including other states and countries. A certification program also draws a number of students wishing to be certified to teach business courses at all levels.

* *In collaboration with the College of Arts and Sciences*

** *In collaboration with the College of Education*

B.B.A. DEGREE WITH MAJORS IN ACCOUNTING, MANAGEMENT INFORMATION SYSTEMS, ECONOMICS, FINANCE, MANAGEMENT, MARKETING, AND REAL ESTATE

	Hours
Core Areas A, B, C, D, E (see pages 128-134)	42
Core Area A must include MATH 1111 or MATH 1113 (Grade of C or higher)	
Core Area D should include MATH 1413	
Core Area F	18
A. ACCT 2101, 2102	6
B. ECON 2105, 2106	6
C. BUSA 2106	3
D. CISM 2201	3

Required Supporting Courses:

The following courses must be taken as electives if not taken to satisfy the Core requirements:

ECON 2105, 2106, ACCT 2101, 2102, MATH 1111 or MATH 1113,
MATH 1413, BUSA 2106, CISM 2201

POLICY FOR MAJOR STATUS

Any student seeking a business degree at the University of West Georgia must select a major. All business students will begin as pre-majors. A business pre-major will become eligible to be selected as a business major when he/she completes 45 hours of academic coursework with a cumulative grade point of 2.0 or higher and the following courses are completed:

MATH 1111 or 1113	ACCT 2101
MATH 1413	ECON 2105 or 2106
ENGL 1101	

After earning major status, a business student may advance register for Upper Division business courses, those numbered 3000-4000, provided he/she has met the necessary prerequisites. All academic courses taken at West Georgia and at other colleges or universities will be used to determine eligibility for major status. Any business major whose cumulative GPA falls below 2.0 will lose major status and the opportunity to enroll in upper division courses except to repeat courses previously taken until that student's GPA improves to 2.0 or higher. Students may be denied enrollment in the Richard's College of Business for acts such as engaging in unprofessional behavior in a class or in any interaction with UWG faculty, staff, or students or engaging in dishonest or unethical conduct.

Non-business majors except those enrolled in the B.S. degree in Economics, the B.A. degree in International Economic Affairs, and the B.S. Ed. degree in Business Education may enroll in up to 18 semester hours in selected 3000-4000 level business courses provided they have met the necessary prerequisite and have completed 45 hours of academic coursework with a 2.0 cumulative grade point average.

Business Core Requirements for B.B.A. Majors are listed in each major.

ACCOUNTING AND FINANCE DEPARTMENT

RCOB 007 • 678-839-6469

<http://www.westga.edu/~accfin/>

Professors, R. Best, B. Bird, J. Colley, C. Haynes, C. Hodges, H. McCraw, K. Moffeit, J. Yoder; **Lecturers**, D. Colquitt, S. Smith

B.B.A DEGREE IN ACCOUNTING

The B.B.A. program in Accounting provides students with a high-quality liberal arts based educational foundation so they can secure entry-level junior/

staff positions in local, regional, or national organizations or continue studies at the master's level.

The B.B.A. in Accounting program at West Georgia is separately accredited by the AACSB International—Association to Advance Collegiate Schools of Business.

Accreditation: AACSB

Learning Goals

For Bachelor of Business Administration (B.B.A.) Accounting Majors, we expect graduating students will meet the learning goals found at www.westga.edu/~accfin/lg.pdf

	Hours
Courses required for the degree	51
Business Core:	27
ABED 3100, CISM, 3330, ECON 3402, 3406, FINC 3511, MGNT 3600, 3615, MKTG 3803, International Select (ECON 4450, FINC 4521, MKTG 4866 OR MGNT 4625)	
Major Courses:	25
ACCT 3212, 3213, 3214 or 4233, 3232, 3251, 3285 4241, 4261; MGNT 4660	
Electives:	8
At least three hours of electives must be in the RCOB	
Physical Education Requirement	3
TOTAL	123

B.B.A. DEGREE IN FINANCE

The B.B.A. program in finance provides students with a high-quality liberal arts based educational foundation so they can secure entry-level junior/staff positions in local, regional, or national organizations or continue studies at the master's level.

Accreditation: AACSB

Learning Goals

For Bachelor of Business Administration (B.B.A.) Finance Majors, we expect graduating students will meet the learning goals found at www.westga.edu/~accfin/fingoals.htm.

	Hours
Courses required for the degree:	51
Business Core: ABED 3100; CISM 3330; ECON 3402, 3406; FINC 3511; MGNT 3600, 3615; MKTG 3803 International Select (ECON 4450, FINC 4521, MKTG 4866 OR MGNT 4625)	27
Major Courses:	24
ACCT 3232 or 4202; FINC 4531, 4541, 4561; MGNT 4660; Select three, at least two of which must be in FINC: ECON 3460, 4410, 4440, 4450; FINC 4521, 4532, 4542, 4571, 4585, ACCT 3212, 3251	

Electives:		9
At least three hours of electives must be in the RCOB		
Physical Education Requirement		3
TOTAL	123	

DEPARTMENT OF ECONOMICS

RCOB 46 • 678-839-6477

<http://www.westga.edu/~econ/>

Professors, D. Boldt (Chair), S. Dutt, L. Gustafson, W. Schaniel; **Associate Professor**, M. Kassis; **Assistant Professors**, A. Austin, J. Murphy, H. Patron-Boenheim, W. Smith; **Lecturer**, S. Lopez

B.B.A. DEGREE IN ECONOMICS

Accreditation: AACSB

Learning Outcomes (LO)

For Bachelor of Business Administration (B.B.A.) Economics Majors, we expect graduating students will meet the learning outcomes found at www.westga.edu/~econ/lg_assessments.htm

	Hours
Core Area A-E	42
Area F: ACCT 2101, 2102; BUSA 2106; CISM 2201; ECON 2105, 2106	18
Major Courses:	
Business Core:	27
ABED 3100; CISM 3330; ECON 3402, 3406; FINC 3511; MGNT 3600, 3615; MKTG 3803, International Select (ECON 4450, FINC 4521, MKTG 4866 OR MGNT 4625)	
Major Courses:	24
ECON 3410, 3411, 3460, 4484, AND 3 ECON electives above 3400; MGNT 4660	
Electives:	9
At least three hours of electives must be in the RCOB	
Physical Education Requirement	3
TOTAL	123

B.A. DEGREE IN INTERNATIONAL ECONOMIC AFFAIRS

For International Economic Affairs Majors (B.A.), we expect graduating students will meet learning outcomes listed at www.westga.edu/~econ/lg_assessments.htm

	Hours
Core Area A-E	42
Core Area F: Major Specific Courses	18
ECON 2105, 2106	6
Foreign Language through 2002	9
CISM 2201	3
Courses required for the degree	42

Major Courses	30
ECON 3410, 3411, 4410, 4450 or 4455, 3458 or 4470, 4484; Internship or Approved Global Elective; modern foreign history; Select two (2) of the following: POLs 3401, 3501, GEOG 3253	
Supporting Courses	12
ECON 3402, GEOG 1013, ANTH 1102 or XIDS 2301 or SOCI 1160; FREN/GRMN/SPAN 3450*	
Electives**	18
Physical Education Requirement	3
TOTAL	123
<i>* 2002 or a 3000-or above language course may be substituted for FREN/GERM/SPAN 3450</i>	
<i>**No more than 18 hours of major or elective courses may be taken in traditional business subjects (ACCT, CISM, FINC, MGNT, MKTG or RELE)</i>	

B.S. DEGREE IN ECONOMICS

For Bachelor of Science (B.S.) in Economics Majors, we expect graduating students will meet learning outcomes listed at www.westga.edu/~econ/lg_assessments.htm

	Hours
Core Areas A-E	42
Core Area F: Major Specific Courses	18
ECON 2105, 2106 CISM 2201 3 courses from the following (below 3000 level): ANTH, CS, foreign language, GEOG, HIST, MATH, POLS, SOCI	
Courses required for the Degree	42
Major Courses:	27
ECON 3402, 3410, 3411, 4484 and 5 upper division ECON courses	
Supporting Courses:	15
*Courses 3000 or above that form a coherent whole. These courses must be approved by both the advisor and department chair.	
Electives**:	18
<i>**No more than 18 hours of supporting or elective courses may be taken in traditional business subjects (ACCT, CISM, FINC, MGNT, MKTG or RELE)</i>	
Physical Education Requirement	3
TOTAL	123

ECONOMICS with SECONDARY EDUCATION CERTIFICATION (BS)*

For Bachelors in Science (B.S) in Economics (with Secondary Education Certification), we expect graduating students will meet learning outcomes found at www.westga.edu/~econ/lg_assessments.htm

Accreditation: National Council for Accreditation of Teacher Education and Georgia Professional Standards Commission

**In collaboration with the College of Education*

	Hours
Core Areas A-E	42
Core Area F: Major Specific Courses	18
ECON 2105, ECON 2106, CISM 2201*	
EDUC 2110, EDUC 2120 and EDUC 2130	
Major Courses	27
ECON 3402, 3410, 3411, 4484, ECON 3425 ECON 4440 3 upper division ECON courses	
Education Courses	28
CEPD 2102, 4101, MEDT 3401, SPED 2706, SEED 2271, 4243, 4271, 4286, 4289	
Supporting Course	3
Physical Education	3
TOTAL	123

* To count for MEDT 2401

MANAGEMENT DEPARTMENT

RCOB 111 • 678-839-6472

<http://www.westga.edu/~mgmtbus/>

Professors, D. Hovey, W. Lankford, A. North, M. Zachary; **Associate Professors**, T. Gainey (Chair), S. Hazari, F. Parsa, D. Turner; **Assistant Professors**, J. Anderson, E. Bergiel, L. Deng, S. Halls, B. Prince, J. Upson; **Lecturers**, E. Clenney, J. Rooks, S. Thompson

B.B.A. DEGREE IN MANAGEMENT

The B.B.A. program in Management provides students with a high-quality liberal arts based educational foundation in general management and business practices and a broad range of experiences within the field of management. This allows the student to pursue entrepreneurial efforts or to secure entry-level junior/staff positions in local, regional, or national organizations or to continue studies at the master's level.

Accreditation: AACSB

Learning Outcomes (LO)

For Bachelor of Business Administration (B.B.A.) Management Majors, we expect graduating students will meet the outcomes found at www.westga.edu/~mgmtbus/learningobj.htm.

	Hours
Courses required for the degree	48
Business Core:	27
ABED 3100; CISM 3330; ECON 3402, 3406; FINC 3511; MGNT 3600, 3615; MKTG 3803 International Select (ECON 4450, FINC 4521, MKTG 4866 OR MGNT 4625) <i>If MGNT 4625 is not selected, it must be taken as one of the three Major Select Courses</i>	

Major courses:	24
MGNT 3605, MGNT 3618, MGNT 4620, MGNT 4660;	
Research Select (MKTG 3808 or departmentally approved research course);	
Choose nine hours from: MGNT 3602, 3625, 3627, 4625, 4626, 4630, 4640, 4680, CISM 4330, 4350, 4355, ECON 4420, ACCT 4202	
Electives:	9
Elective 1	
Elective 2	
Elective 3	
At least one elective must be taken in the RCOB	
Physical Education Requirement	3
TOTAL	123

B.S.Ed. DEGREE IN BUSINESS EDUCATION

The B.S.Ed. degree in Business Education prepares graduates as (1) public school teachers, (2) teachers/trainers in business and industry, (3) other business and industry personnel in which applicants are required to have business/teaching backgrounds, and (4) candidates for continued studies at the master's level.

Accreditation: National Council for Accreditation of Teacher Education, Georgia Professional Standards Commission

Learning Outcomes (LO)

For Bachelor of Science Business Education Majors, we expect graduating students will meet the outcomes found at www.westga.edu/~mgntbus/learningobj.htm.

	Hours
Courses required for Core Areas A-E	42
Courses required in Area F	12
ACCT 2101, 2102, ECON 2106, BUSA 2106	
Courses required for the Degree	42
Courses required for certification	8
CEPD 2102, SEED 2271, SPED 2706	
Business Core:	21
ABED 3100, CISM 3330, ECON 3402, 3406, FINC 3511, MGNT 3600, MKTG 3803	
Major Courses:	
Business:	28
ABED 3104, 3106 or 4118, 3160, 4117, 4507, 4537, 4586	
Supporting Courses:	9-12
ABED 4589, CEPD 4101, CISM 2201, BUSA 2106	
Physical Education Requirement	3
TOTAL	123

Note: Two-year transfers without CISM 2201 are exempt from this requirement for this degree only.

MANAGEMENT INFORMATION SYSTEMS (BBA)

The B.B.A. program in Management Information Systems provides students with a high-quality liberal arts based educational foundation so they can secure

entry- level junior/ staff positions in local, regional, or national organizations or continue studies at the master's level.

Accreditation: AACSB

Learning Outcomes (LO)

For Bachelor of Business Administration (B.B.A.) Management Information Systems, we expect graduating students will meet the outcomes found at www.westga.edu/~mgntbus/learningobj.htm.

	Hours
Courses required for the degree	51
Business core	27
ABED 3100; CISM 3330; ECON 3402, 3406; FINC 3511; MGNT 3600, 3615; MKTG 3803, International Select (ECON 4450, FINC 4521, MKTG 4866 OR MGNT 4625)	
Major courses:	24
CISM 2335, 3340, 3350, 4310, 4330, 4350 or 4355, 4390; MGNT 4660	
Electives	9
Elective 1	
Elective 2	
Elective 3	
At least one elective must be taken in the RCOB. All RCOB electives must be 3000-level or higher	
Physical Education Requirement	3
TOTAL	123

MARKETING AND REAL ESTATE DEPARTMENT

RCOB 142 • 678-839-6318

<http://www.westga.edu/~mktreal/>

Professors, J. Burton, J. Haynes, S. Talpade (Chair); **Associate Professor,** D. Webb; **Assistant Professors,** M. Anitsal, B. Rutherford; **Lecturers,** C. Brown, M. Rickard

B.B.A. DEGREE IN MARKETING

The B.B.A. program in Marketing provides students with a high-quality liberal arts based educational foundation so they can secure entry-level junior/ staff positions in local, regional, or national organizations or continue studies at the master's level.

Accreditation: AACSB

Learning Outcomes

For Bachelor of Business Administration (B.B.A.) Marketing Majors, we expect graduating students will meet the learning outcomes found at www.westga.edu/~mktreal/market.htm

	Hours
Courses required for the degree	51
Business Core:	27
ABED 3100, CISM 3330, ECON 3402, 3406, FINC 3511, MGNT 3600, 3615, MKTG 3803	

International Select (ECON 4450, FINC 4521, MKTG 4866 OR MGNT 4625)	
Major Courses:	24
MKTG 3808, MKTG 4864, MKTG 4870, MGNT 4660	
Four courses from: MKTG 3801, 3809, 3810, 3839, 4805, 4808, 4831, 4861, 4866, RELE 3705	
Electives	9
At least two electives must be taken in the RCOB	
Physical Education Requirement	3
TOTAL	123

B.B.A. DEGREE IN REAL ESTATE

The B.B.A. program in Real Estate provides students with a high-quality liberal arts based educational foundation so they can secure entry-level junior/staff positions in local, regional, or national organizations or continue studies at the master's level.

Accreditation: AACSB

Learning Outcomes

For Bachelor of Business Administration (B.B.A.) Real Estate Majors, we expect graduating students will meet the learning outcomes found at www.westga.edu/~mktreal/realst.htm

	Hours
Courses required for the degree	51
Business Core:	27
ABED 3100; CISM 3330; ECON 3402, 3406; FINC 3511; MGNT 3600, 3615; MKTG 3803	
International Select (ECON 4450, FINC 4521, MKTG 4866 OR MGNT 4625)	
Major Courses:	24
RELE 3701, 3705, 3711, 3730, 4705, 4706, 4707; MGNT 4660	
Electives	9
At least two electives must be taken in the RCOB	
Physical Education Requirement	3
TOTAL	123

REQUIREMENTS FOR A MINOR IN ACCOUNTING, BUSINESS ADMINISTRATION, MANAGEMENT INFORMATION SYSTEMS, ECONOMICS, FINANCE, MANAGEMENT, MARKETING, OR REAL ESTATE (FOR NON-BUSINESS MAJORS) Students must earn a 2.0 grade point average in courses submitted for a minor in any of the disciplines listed below.

To minor in Accounting, students must take ACCT 2101, ACCT 2102, and at least 9 hours above the 3100 level in accounting.

To minor in Business Administration, students must take ACCT 2101 or ACCT 4201; ECON 2105, 2106 or ECON 4400; MGNT 3600; MKTG 3803; and one three (3) hour course in business above the 3000 level.

To minor in Management Information Systems, students must take ACCT 2101, CISM 2201, CISM 3330, CISM 2335, CISM 3340, and CISM 4310.

To minor in Economics, students must take 15 hours of economics courses, of which at least 9 hours must be above the 3400 level in economics.

To minor in Finance, students must take ACCT 2101, ACCT 2102, and FINC 3511 and 6 hours of finance above the 3500 level.

To minor in Management, students must take ACCT 2101, MGNT 3600, MGNT 3605, plus 6 hours from MGNT 3618, MGNT 4620, or courses approved by the Chair of Management and the Department.

To minor in Marketing, students must take MKTG 3803 plus twelve (12) hours in marketing subjects from MKTG 3801, 3805, 3808, 3809, 3810, 3839, 4805, 4808, 4831, 4864, or 4866.

To minor in Real Estate, students must take RELE 3705, plus twelve (12) hours in real estate courses from RELE 3701, 3711, 3730, 4705, 4706, and 4707.

REQUIREMENTS FOR A MINOR IN ACCOUNTING, MANAGEMENT INFORMATION SYSTEMS, MANAGEMENT, MARKETING, ECONOMICS, REAL ESTATE, OR FINANCE (FOR BUSINESS MAJORS)

To minor in a specialization other than the major, students must take 15 hours of courses above the 3000 level in the specialized area and earn a minimum 2.0 GPA in courses submitted for the minor. These classes cannot be used to satisfy the Core and major requirements.

REQUIREMENTS FOR A SECOND MAJOR WITHIN THE BACHELOR OF BUSINESS ADMINISTRATION DEGREE

To specify a second major in Business Administration, students must contact the chair of both departments selected. The chair of each department will develop a program of study. Students must complete all major and degree requirements for both degrees.

INTERNATIONAL BUSINESS CERTIFICATE

The International Business Certificate is only available to Richards College of Business undergraduate degree majors. Students must have a 2.75 GPA to be eligible to participate.

Students can formally apply to enroll in the certificate program at the Department of Economics after successful admission as a Richards College of Business major.

Requirements:

- Completion of 6 hours of earned university foreign language credit or a foreign language waiver.
- Completion of 12 hours of upper division approved "International Business Course". Approved courses include: ECON 3425, 4450, 4455, 4470; FINC 4521; MKTG 4866; MGNT 3627, 4625. No more than two course may be taken from any functional area. Upper division business courses taken as part of an approved study abroad program will be considered approved "International Business Courses". Other courses must be approved by the Assistant dean of the Richards College of Business or the Chair of the Department of Economics.
- At least two courses (6 hours) of certificate coursework must be taken as part of a study abroad program.

Completion of certificate requirements will be noted on the student's transcript.

CERTIFICATE IN SALES PROGRAM

A. Eligibility:

1. A 'Certificate in Sales' can be completed by either business or non-business (fully admitted, degree seeking) majors.
2. Business majors are eligible when they have completed all courses to attain 'Major Status' within the College of Business.
3. Non-Business majors are eligible when they have completed 45 hours of classes with at least a 2.0 GPA.
4. Students can formally apply to enroll in the program at the Department of Marketing and Real Estate office.

B. Course Requirements (12 hours):

MKTG 3803 – Principles of Marketing
 MKTG 3801 – Art of Selling and Personal Dynamics
 MKTG 4805 – Sales Management

And one of the following:

MKTG 4831 – Business-to-Business Marketing
 MKTG 4886 – Marketing Internship (Sales Focus)

- C. Certification: The Registrar will be notified by the Marketing Department Chair after a student completes all requirements for the certificate program. Completion will be noted on the student's transcripts and the student will be awarded a certificate from the Department.

GRADUATE DEGREES

For a Master of Business Administration, Master of Professional Accountancy, Master of Education in Business Education, and Specialist in Education in Business Education, see the *Graduate Catalog*.

BUSINESS INTERN PROGRAM

In cooperation with business firms in the West Georgia area, the College of Business provides intern opportunities for students who wish to apply their academic training to on-the-job experiences.

Second-semester juniors and first- and second-semester seniors participating in the program may receive from 1 to 6 hours of elective credit.

Interested students should contact the chair of the academic department for his or her major.

COOPERATIVE EDUCATION (CO-OP) PROGRAM

Opportunities to combine classroom study and field experience related to students' majors and/or career goals are available in the College of Business. For further details on co-op, consult each academic department and/or Career Services for more information and an application.

BUSINESS EDUCATION COURSES (ABED)

ABED 3100 Business Communication

3/0/3

Prerequisite: ENGL 1101 and Area B1 course

A study of written and oral business communication to develop process and theory skills including writing, speaking, listening, business meetings, teamwork, presentations, and cross-cultural communication. Students write standard business letters and deliver oral and written presentations and reports. Management concepts of business ethics and problem analysis are integrated with communication process and theory.

- ABED 3104 Document Processing** 3/0/3
A study of word processing concepts and document design using microcomputers. Application projects are an integral part of this course. An ability to keyboard correctly is required for enrollment in the course.
- ABED 3106 Desktop Publishing** 3/0/3
A study of the principles, skills, and concepts of desktop publishing and web page design. Application projects are an integral part of this course.
- ABED 3160 Advanced Keyboarding** 3/0/3
Prerequisite: Entry-level keyboarding
The enhancement of keyboarding and language arts skills and the use of computer software to create, edit, and proofread personal and office and documents.
- ABED 4117 Technology Support Systems** 3/0/3
This course builds upon the students' basic computer skills to train the students how to effectively integrate instructional technology into teaching practices. Training focuses on five areas of instructional proficiency: (1) Georgia's Performance Standards for curriculum; (2) integration of modern and emerging technologies into instructional practice; (3) management of classroom computer labs and 21st century learning environments; (4) new designs for teaching and learning; and (5) enhanced pedagogical practices.
- ABED 4118 Web Page Design** 2/2/3
The purpose of this course is to provide an introduction to Web design. Students will learn concepts related to planning and developing web sites by studying Web usability, multimedia, and Web 2.0 applications for business and education web sites.
- ABED 4181 Independent Study** 3/0/3
Prerequisite: Approval of Director of Business Education and Department Chair
Each professor will be responsible for specific course content, assignments, and course requirements based on the description of the course.
- ABED 4182 Technology Support Project** 3/0/3
A capstone course designed to provide students with an opportunity to apply skills and knowledge acquired in the Technology Support Systems major. This course requires the completion of an independent project, working with a business, industry, or government agency.
- ABED 4186 Business Internship** 3/0/3
Prerequisite: Junior or Senior Status with a 2.5 GPA
Students participate in a practical business internship experience with a commercial firm or organization. With the professor, the student will develop a written, comprehensive plan and agreement specifying course goals, objectives, activities, evaluation evidence and measurement.

ABED 4507 Curriculum in Teaching Business Subjects 2/2/3

Prerequisite: Admission to Teacher Education (2.7 GPA and GACE I, Praxis I, or exemption scores)

Students examine planned educational experiences which can take place in schools. The following questions are used for study of the business curriculum: What educational goals should be accomplished? How should lesson plans be structured to accomplish educational goals? How can learning experiences be organized for effective instruction? What are methods to effectively evaluate learning experiences? Field experience and professional activities are required.

ABED 4537 Methods of Teaching Business Subjects 3/2/4

Prerequisite: Admission to Teacher Education (2.7 GPA and GACE I, Praxis I, or exemption scores)

A study of learning principles, methods, strategies, and knowledge related to teaching business subjects. Students create and demonstrate well-planned, content-based lessons and educational experiences demonstrating planned, patterned behaviors as definite steps to influence learning. An analysis of research-based instruction is examined. Field experience and professional activities are required.

ABED 4586 Teaching Internship 0/18/9

Prerequisite: Admission to Teacher Education (2.7 GPA and GACE I, Praxis I, or exemption scores)

Students will teach for one semester in the public schools under the supervision of an experienced, qualified classroom teacher and a university supervisor. The internship will be conducted on the grade level and in the field required for certification. Students will participate in scheduled seminars that are an integral part of the course.

ABED 4587 Teaching Internship I 0/3/3

Prerequisite: Admission to Teacher Education (2.7 GPA and GACE I, Praxis I, or exemption scores) and College of Education Field Experience required documentation.

Course is to be taken the **first** semester of student teaching for a student with a provisional license. Students will teach in the public schools under the supervision of an experienced, qualified classroom teacher and a university supervisor. The internship will be conducted on the grade level and in the field for certification. Students will participate in scheduled seminars that are an integral part of the course.

ABED 4588 Teaching Internship II 0/3/3

Prerequisite: Admission to Teacher Education (2.7 GPA and GACE I, Praxis I, or exemption scores) and College of Education Field Experience required documentation.

Course is to be taken the **second** semester of student teaching for a student with a provisional license. Students will teach in the public schools under the supervision of an experienced, qualified classroom teacher and a university supervisor. The internship will be conducted on the grade level and in the field for certification. Students will participate in scheduled seminars that are an integral part of the course.

ABED 4589 Teaching Seminar**3/0/3**

Prerequisite: Admission to Teacher Education (2.7 GPA and GACE I, Praxis I, or exemption scores)

A seminar to engage interns in a critical reflection of issues, topics, materials, and skills appropriate to their professional development and teaching experience during the internship. This course must be taken **concurrently** with the teaching internship. Students will participate in scheduled seminars that are an integral part of the course.

ACCOUNTING COURSES (ACCT)**ACCT 2101 Principles of Accounting I****3/0/3**

Prerequisite: 2.0 GPA

A study of underlying theory and application of financial accounting concepts.

ACCT 2102 Principles of Accounting II**3/0/3**

Prerequisite: ACCT 2101 and a 2.0 GPA

A study of the underlying theory and application of managerial accounting concepts.

ACCT 3212 Financial Reporting I**3/0/3**

Prerequisite: ACCT 2102

An in-depth study of the accounting and reporting processes and accounting theory together with current problems in reporting financial position and determining income. Includes study of valuation problems involving current assets; and property, plant, and equipment. APA Level I test fee is required.

ACCT 3213 Financial Reporting II**3/0/3**

Prerequisite: ACCT 3212 with a minimum grade of C

A continuation of ACCT 3212 with emphasis on the measurement and reporting of intangibles, liabilities, corporate capital, investments, and cash flows.

ACCT 3214 Financial Reporting III**3/0/3**

Prerequisite: ACCT 3212 with a minimum grade of C

A continuation of ACCT 3213 with emphasis on specific measurement and reporting problems including taxes, pensions, leases, accounting changes, disclosure issues, income recognition issues, partnerships, and foreign currency transactions.

ACCT 3232 Managerial Accounting**3/0/3**

Prerequisite: ACCT 2102

Cost Accounting principles and techniques applied to job order and process types of industry, planning and control of the elements of production costs, and preparation of cost reports. Includes an introduction to standard costing concepts and variance analysis. Use of cost information for business policy implementation and cost topics.

ACCT 3251 Income Tax Accounting for Individuals**3/0/3**

Prerequisite: ACCT 2102

A study of the Internal Revenue Code as it relates to individuals. Updated each offering to incorporate new tax laws, regulations, and rulings in print.

- ACCT 3285 Professional Seminar** 1/0/1
 Prerequisite: ACCT 2102; junior standing
 Students attend presentations about UWG Career Services; international, regional, and local public accounting; nonprofit and governmental accounting; corporate accounting; professional accounting organizations; accounting education; and professional examinations. A professional resumé is prepared.
- ACCT 4201 Survey of Accounting Theory and Practice** 3/0/3
 A study of basic accounting principles including the preparation and interpretation of financial statements and managerial reports. Not open to undergraduate business majors. Permission of Chair or MBA Advisor.
- ACCT 4202 Accounting for Decision Making** 3/0/3
 Prerequisite: ACCT 2102
 A study of the use of financial statements and managerial reports by managers and investors in decision making for day to day operations and long range planning.
- ACCT 4215 Financial Reporting IV** 3/0/3
 Prerequisite: ACCT 3212 with a minimum grade of C
 A study of consolidated financial statements and nonprofit accounting.
- ACCT 4233 Strategic Cost Management** 3/0/3
 Prerequisite: ACCT 3232
 Construction of budgets; strategic cost management, control, and performance evaluation; cost allocation; transfer pricing; asset and project management and planning; and operational audits. Emerging topics and ethical issues.
- ACCT 4241 Accounting Information Systems** 3/0/3
 Prerequisite: ACCT 2102
 A specialized in-depth accounting course which addresses documentation of accounting systems, including flowcharts, evaluation of internal control and the audit trail, impact of computers on internal control, and design of accounting systems.
- ACCT 4242 Strategic Information Systems and Risk Management** 3/0/3
 Prerequisite: ACCT 4241
 A study of the identification and modeling of business processes, identification of business and information risk exposures and the development of appropriate control strategies, and analysis and design of accounting information systems for business processes.
- ACCT 4252 Income Tax Accounting for Organizations** 3/0/3
 Prerequisite: ACCT 3251
 A study of the Internal Revenue Code as it relates to corporate, partnership, and fiduciary tax. The legal and tax aspects considered in selecting an organization form.

ACCT 4261 Auditing**3/0/3**

Prerequisite: ACCT 3251, ACCT 4241, ACCT 3213, and ACCT 3232. Co-requisite: ACCT 3214 or ACCT 4233

The course is designed to give the student an understanding of auditing objectives and standards and a working knowledge of auditing procedures and techniques. Standards ethics and legal responsibilities of the public accounting profession, as well as preparation of audit reports, are emphasized. AICPA Level II Test fee is required.

ACCT 4262 Assurance Services, Fraud and Ethics**3/0/3**

Prerequisite: ACCT 4261

A study of assurance and advisory services, business risk assessment, new audit methodologies, fraud detection, ethics and other contemporary auditing issues.

ACCT 4285 Special Problems in Accounting**3/0/3**

In-depth, supervised, individual study of one or more current problems of the accounting profession.

ACCT 4286 Business Internship (Accounting)**3/0/3**

Practical accounting internship experience with a commercial firm or organization for selected upper division students.

BUSINESS ADMINISTRATION COURSES (BUSA)**BUSA 1900 Surfing the Internet for Success****2/0/2**

An introduction to Internet basics such as using e-mail, participating in electronic discussion groups, and exploring the World Wide Web (WWW). Emphasis will be on using the Internet as a useful source of information for the social sciences, business education, consumer decision making, and career planning. This course satisfies the two-hour institutional priority listed under Area B.

BUSA 1901 Personal and Consumer Law**2/0/2**

A course designed to familiarize students with the legal environment in which they live. This includes the operation of the U. S. legal system, alternative dispute resolution and conflict management, and rights and obligations arising in various consumer, domestic, business, and employment contexts.

**BUSA 1910 Using Information Technology
Today and Tomorrow****1/2/2**

A course designed to assure a basic level of computer applications literacy, including word processing, presentations software, LAN, e-mail, and Internet utilizations.

BUSA 2106 Legal and Ethical Environment of Business**3/0/3**

Prerequisite: 2.0 GPA

An introduction to the legal, regulatory, and ethical environment of business considering the interrelationship and impact of political, social, cultural, environmental, technological, international, and diversity issues.

MANAGEMENT INFORMATION SYSTEMS COURSES (CISM)

- CISM 2201 Fundamentals of Computer Applications & On-Line Learning** **2/2/3**
 Prerequisite: 2.0 GPA
 This course explains how to use the basic features in Excel, Access, and PowerPoint as well as advanced features in Word as tools in making business decisions. Additionally, the course provides instructions for successfully managing and completing online computer courses.
- CISM 2335 Business Programming** **3/0/3**
 Prerequisite: CISM 2201
 This course introduces students to basic programming applications. Specific discussions include structured programming, object-oriented programming, reading from and writing to sequential access computer files, and developing user-defined subroutines, functions, and modules.
- CISM 3330 Management of Information Systems** **3/0/3**
 Prerequisite: CISM 2201
 This course introduces students to the study of organizations as systems supported by information processing. Students will be able to distinguish needs for information at different levels in organizations. They will be able to evaluate information system decisions. They will analyze business information problems using formal methods.
- CISM 3340 Data Resource Management and Design**
 Prerequisites: CISM 2335 and CISM 3330
 Application of development tools and languages (e.g., DBMS, Visual Basic, etc.) for business problem solving in a database environment.
- CISM 3350 Information Systems Research** **3/0/3**
 Prerequisite: CISM 3330
 This course introduces students to basic research concepts. Additionally, students demonstrate their ability to recognize and understand emerging MIS-related technology.
- CISM 3385 Special Topics in Management Information Systems** **3/0/3**
 Title and description of specific courses to be specified at time of offering. Course may be repeated with permission up to a maximum of 10 hours.
- CISM 4310 Business Systems Analysis and Design** **3/0/3**
 Prerequisites: CISM 2335 and CISM 3330
 Develop knowledge for business systems analysis and design processes including familiarization with tools and techniques of SA/D and development of problem-solving skills.
- CISM 4330 Telecommunications Management** **3/0/3**
 Prerequisite: CISM 3330 or department chair approval
 An introduction to the concepts and practices of managing business telecommunications resources. This course examines the constituencies of telecommunications from three different perspectives: the client, the designer, and the implementer. The focus of the course surrounds the role of the designer. This role involves the determination of telecommunications requirements from the client and translating these requirements to the implementer.

CISM 4350 Decision Support Systems**3/0/3**

Prerequisite: CISM 3330

Application of computerized models and modeling techniques to business problem solving and decision making. Topics include computer simulation, decision/executive support systems, and expert systems.

CISM 4355 Electronic Commerce Development and Management**3/0/3**

Prerequisite: CISM 3330

Students are expected to have a working knowledge of the current Windows operating systems platform, and the current Windows document and presentation software available during the term of the course within the College student labs. All students are required to have a UWG e-mail account, and access to a web browser for WebCT access. Students will be required to participate within an assigned student group. This course will teach students the fundamental steps and procedures to transform a traditional brick and mortar organization into a digital on-line business. Traditional business planning methodologies are examined and modified for web-based applications. Specifically the topics of Transaction Processing Systems, Customer Relationship Management (CRM), Supply Chain Management (SCM), order fulfillment, and product logistics are covered during the course.

CISM 4382 Special Problems in Management Information Systems**1-3**

Prerequisite: Permission of department chair

In-depth, supervised, individual study of one or more current problems of a business organization. Repeatable up to 6 hours.

CISM 4386 Business Internship (Management Information Systems)**1-6**

Practical internship experience with a commercial firm or organization for selected junior or senior students. (Students will be given a written agreement specifying course credit hours and grading system to be used). Repeatable up to 6 hours.

CISM 4390 Information Systems Topics**3/0/3**

Prerequisites: CISM 3340 & CISM 4310

Development of an information systems project to apply (IS) problem solving and management skills including (IS) planning, hardware and software evaluation, resource allocation, and both oral and written communications. Course may be repeated for up to 9 hours of credit. Course content reflects new and current technologies.

ECONOMICS COURSES (ECON)**ECON 2100 Economics for Everyone****3/0/3**

The economic principles of demand, supply, markets and the economic issues of inflation, unemployment, and government spending will be among the topics covered.

ECON 2105 Principles of Macroeconomics**3/0/3**

Prerequisite: 2.0 GPA

A study of the economy as a whole including production, economic fluctuations, inflation, unemployment, public policy, and international economics. The course is intended to introduce students to concepts that will enable them to understand and analyze economic aggregates and evaluate economic policies.

- ECON 2106 Principles of Microeconomics** **3/0/3**
 Prerequisite: 2.0 GPA
 A study of the individual elements of an economy, including demand, supply, price, firms, production, costs, profits, market structures, income determination, and international trade. The course is intended to introduce students to concepts that will enable them to understand and analyze structure and performance of the market economy.
- ECON 3400 Consumer Economics** **3/0/3**
 Emphasis is placed on basic and useful information needed for effective personal spending, saving, and budgeting.
- ECON 3402 Statistics for Business I** **3/0/3**
 Prerequisite: MATH 1111 or 1113, CISM 2201
 Course emphasis is on applications of statistics in business. Topics include methods of presenting data, numerical measures and correlation, probability theory and probability distributions, sampling distributions, estimation, and hypothesis testing.
- ECON 3406 Statistics for Business II** **3/0/3**
 Prerequisite: ECON 3402, MATH 1413
 This course covers basic quantitative tools for use in strategic and business decision making. Topics include decision analysis, linear regression, forecasting, linear programming, and waiting line models. Same as MGNT 3606.
- ECON 3410 Macroeconomic Policy** **3/0/3**
 Prerequisite: ECON 2105, ECON 2106, and MATH 1111 or 1113, or consent of Department Chair
 Intermediate analysis of macroeconomic problems such as inflation, unemployment, and economic growth and effectiveness of monetary and fiscal policy in combating these problems. International implications of policy also emphasized.
- ECON 3411 Intermediate Microeconomics** **3/0/3**
 Prerequisite: ECON 2105, ECON 2106, and MATH 1111 or 1113, or consent of Department Chair
 This course develops models of the economic behavior of consumers, firms, and government. Topics include: supply and demand, competitive equilibrium and the role of prices in resource allocation, non-competitive market structures, game theory and strategy, externalities, public goods, and public policy.
- ECON 3420 Economic History of the United States** **3/0/3**
 Prerequisite: ECON 2105, 2106 or consent of department chair
 Examines the historical foundation of American economic growth and development from the colonial period to the twentieth century. Focuses on institutional and structural changes and processes of growth.
- ECON 3425 Economic Geography** **3/0/3**
 Prerequisite: GEOG 1013 or consent of department
 A study of the spatial organization of economic activities. Introduces and critiques theories of location and economic development and structural relationships among cities. Same as GEOG 3253.

- ECON 3440 History of Economic Thought** 3/0/3
Prerequisite: ECON 2105, 2106 or consent of department chair
This course covers the evolution of economic ideas and theories, their social and philosophical preconceptions, and uses to which they have been put in developing policy and their influence upon modern economics. Topics include ancient and medieval economic thought, mercantilism, physiocracy, classical and neoclassical schools, socialist and Marxian critiques, Austrian school, and institutional economics.
- ECON 3480 Environmental and Natural Resource Economics** 3/0/3
Prerequisite: ECON 2106 or consent of department chair
This course surveys the issues arising from the interaction of economic and ecological systems, the suitability of the market mechanism to allocate natural and environmental resources, and policy options when markets fail. Applications include energy, climate change, pollution control, land use, fishery management, and water scarcity.
- ECON 3450 Economics of Sports** 3/0/3
Prerequisite: ECON 2106 or consent of department chair
This course will be a survey of the theory and literature of the economics issues relevant in professional and college level sports. Topics include ticket pricing, public funding of arenas or stadiums, labor issues, and antitrust policy.
- ECON 3458 Economic Anthropology** 3/0/3
A cultural approach to how societies produce, distribute, and consume goods, services, and resources. Same as ANTH 3158.
- ECON 3460 Forecasting** 3/0/3
Prerequisite: ECON 2105, 2106, 3402 or consent of department chair
A study of the nature of business fluctuations and their underlying causes. Emphasis is on the application of various forecasting techniques with regard to analyzing and projecting future business and economic conditions at the national, regional, industry, and firm levels.
- ECON 3480 Environmental and Natural Resource Economics** 3/0/3
Prerequisite: ECON 2106 or consent of department chair
This course surveys the issues arising from the interaction of economic and ecological systems, the suitability of the market mechanism to allocate natural and environmental resources, and policy options when markets fail. Applications include energy, climate change, pollution control, land use, fishery management, and water scarcity.
- ECON 4400 Survey of Micro- and Macro-Economics** 3/0/3
An examination of macro- and micro economic theory is conducted to provide the student with the basic economic tools necessary for subsequent courses. The relationship between market conditions and the individual firms and aggregate aspects of economics is emphasized. Not open to undergraduate business majors.
- ECON 4410 Money and Banking** 3/0/3
Prerequisite: ECON 2105, 2106 or consent of department chair
An introductory study of the types and functions of money and financial intermediaries, money creation and control, monetary and fiscal policy, international finance, and the effects of these upon domestic incomes, employment, prices, and interest rates.

- ECON 4420 Labor Economics** **3/0/3**
 Prerequisite: ECON 2105, 2106 or consent of department chair
 This course involves an in-depth study of the economic theories related to the labor market with emphasis placed on managerial and policy applications. Topics covered include labor supply and demand, discrimination, and the economic impact of unions and collective bargaining.
- ECON 4440 Public Finance** **3/0/3**
 ECON 2105, 2106 or consent of department chair
 A study of the equity and economic effects of government spending programs, taxes, and debt. The course is primarily applied microeconomics. Same as POLS 4204.
- ECON 4450 International Trade** **3/0/3**
 Prerequisite: ECON 2105, 2106 or consent of department chair
 The course covers the history, institutions, policy, and theory of international economic relations.
- ECON 4455 International Financial Economics** **3/0/3**
 Prerequisite: ECON 2105, 2106 or consent of department chair
 A study of the international financial markets. Topics include exchange rate models, trading strategies, short and long term forecasting, floating exchange rate system, and international monetary institutions.
- ECON 4470 Comparative Economic Systems** **3/0/3**
 Prerequisite: ECON 2105, 2106 or consent of department chair
 The course compares and contrasts the forms of economic organization.
- ECON 4480 Urban and Regional Economics** **3/0/3**
 Prerequisite: ECON 2105, 2106 or consent of department chair
 A study of the economic organization of urban areas and regions. Emphasis is on the analysis of urban land use and real estate markets, contemporary urban problems and public policies, and current issues in urban and regional economic development.
- ECON 4481 Independent Study of Economics** **var. 1-6**
 Prerequisite: Consent of department chair and junior standing
 Directed program of independent study or specific research topics.
- ECON 4484 Seminar in Economics** **3/0/3**
 Prerequisite: senior status and consent of department chair
 The course is the capstone course for all economics majors. The course will change topics and focus and will include an evaluation of the students' understanding of economic principles.
- ECON 4485 Special Topics in Economics** **3/0/3**
 Prerequisite: ECON 2105, 2106 or consent of department chair
 Title and description of specific courses to be specified at time of offering. Course may be repeated with permission up to a maximum of 6 hours of credit.
- ECON 4486 Internship in Economics** **3/0/3**
 Prerequisite: Consent of department chair and instructor
 Work experience with a business, government agency, or other organization.

FINANCE COURSES (FINC)

- FINC 3501 Personal Financial Management 3/0/3**
A non-technical course of general application stressing personal financial planning, budgeting, savings and investments, small business ownership, estate planning, and retirement income.
- FINC 3505 Real Estate Principles and Practices 3/0/3**
See RELE 3705
- FINC 3511 Corporate Finance 3/0/3**
Prerequisite: ACCT 2101
Financial functions in the modern corporation with emphasis on its managerial aspects.
- FINC 4521 International Finance 3/0/3**
Prerequisite: FINC 3511
Designed to focus on the application of finance concepts in the international environment.
- FINC 4531 Intermediate Corporate Finance 3/0/3**
Prerequisite: FINC 3511 with a minimum grade of C
An in-depth study of financial planning and management with emphasis on capital structure and dividend payout policies, cost of capital and capital budgeting, and working capital management. The course serves as a framework for understanding a broad range of corporate financial decisions. Cases and directed readings are used extensively.
- FINC 4532 Problems in Corporate Finance 3/0/3**
Prerequisite: ACCT 2102 and FINC 3511
An examination of various topics in finance including bankruptcy and reorganization, mergers and acquisitions, lease financing, and others. The course emphasizes logical financial decision making techniques through the examination of underlying theories and through problem solving. Problems, cases, and directed readings are used extensively.
- FINC 4541 Investment Analysis 3/0/3**
Prerequisite: FINC 3511 with a minimum grade of C
A study of the investment process with concentration on the formulation of a sound investment program for both individuals and institutions.
- FINC 4542 Portfolio Management 3/0/3**
Prerequisite: FINC 3511 with a minimum grade of C
The course is designed to focus on creating, managing, and evaluating investment portfolios to meet specific objectives and risks.
- FINC 4561 Bank Management 3/0/3**
Prerequisite: FINC 3511
Analysis of functions and operations of commercial, investment, and savings banks. Primary emphasis is on investment, financial structure, and the bank's role in determining financial variables and resource allocation.

- FINC 4571 Derivative Markets** 3/0/3
 Prerequisite: FINC 3511 with a minimum grade of C
 An in-depth study of options and futures markets. Topics will include the institutional structure of options and futures markets, pricing models, and hedging techniques.
- FINC 4585 Special Topics in Finance** 3/0/3
 Prerequisite: FINC 3511 with a minimum grade of C
 Title and description of specific courses to be specified at time of offering. Course (with different title and description) may be repeated with department chair's permission up to a maximum of 6 hours of credit.
- FINC 4586 Business Internship (Finance)** 3/0/3
 Practical finance internship experience with a commercial firm or organization for selected upper division students.

MANAGEMENT COURSES (MGNT)

- MGNT 3600 Management** 3/0/3
 Prerequisite: BUSA 2106 or consent of department chair.
 A study of the basic concepts and processes of management. The course includes the study of legal, social, and political environment with specific emphasis on the behavioral perspectives in organizations.
- MGNT 3602 Business Law** 3/0/3
 Prerequisite: BUSA 2106 or approval of department chair
 A course designed to expand the student's understanding of the legal and ethical environment in which businesses operate, including a study of the law of sales, commercial paper, and secured transactions under the Uniform Commercial Code, debtor/creditor law, bankruptcy, real and personal property, insurance, selected types of business organizations, and professional liability.
- MGNT 3605 Organizational Behavior** 3/0/3
 Prerequisite: MGNT 3600
 The focus of this course is on individual, group, and organizational behavioral factors and the managerial perspective on processes, techniques, and practices to improve effectiveness, efficiency, and work satisfaction.
- MGNT 3613 Public Relations** 3/0/3
 Prerequisite: COMM 3301, or permission of instructor
 A survey of the role, social responsibilities, and potential of modern public relations. Includes development of basic skills and techniques needed for effective public relations programs. Same as COMM 3313.
- MGNT 3615 Production/Operations Management** 3/0/3
 Prerequisite: ECON 3402
 A study of the fundamental process for production of goods and services in organizations with emphasis on understanding its relationship to other areas and use of quantitative tools in production/operations decision making.
- MGNT 3616 Human Resource Information Systems** 3/0/3
 Prerequisite: CISM 2201
 This course will teach students the architecture, applications, and benefits of Human Resource Information Systems. It will show how an HRIS with artificial intelligence decision/support capabilities can improve the HR processes by using shared databases of information about jobs, people, and the organization.

- MGNT 3617 Business Presentations** 3/0/3
Designed to help you create, conduct, and assess professional multimedia presentations with the use of computer software. The focus of this course is to enhance your oral presentation skills using overheads for team briefings, slides for sales meetings, and outlines and notes for audience participation.
- MGNT 3618 Entrepreneurship and Small Business Management** 3/0/3
Prerequisite: MGNT 3600, MKTG 3803
Study to isolate and examine for solution the significant problems encountered by men and women who establish and manage small businesses.
- MGNT 3625 Contemporary Issues in Management** 3/0/3
Title and description of specific courses to be specified at time of offering. Course may be repeated with permission up to a maximum of 10 hours.
- MGNT 3627 Managing Cultural Differences** 3/0/3
Prerequisite: junior or senior standing
A course designed to enable students to become more competitive in their chosen career fields by developing in them an understanding of the importance of increasing global economic interdependence and the challenges of relating to people from other countries or cultures. Same as SOCI 3273.
- MGNT 4610 Logistics** 2/0/2
Prerequisite: senior standing
Logistics represents the market-driven activities necessary to plan and control procurement, production and inventory, and distribution. The planning and control aspects of these activities and the interfaces among these activities are the subjects of this course. Logistics has four major parts: production and inventory control, procurement, distribution, and the relationships among and integration of these areas.
- MGNT 4615 Manufacturing Processes** 2/0/2
Prerequisite: senior standing and MGNT 3615 as co-requisite
Manufacturing processes define the methods that companies use in designing, producing, and delivering goods and services required by customers. This course contains four major topics: industrial facilities management, process design and development, manufacturing, and their relationships.
- MGNT 4620 Human Resource Management** 3/0/3
Prerequisite: MGNT 3600 or equivalent
A study of the planning, acquisition, and administration of human resources in organizations. Includes case studies and applications of problem solving techniques.
- MGNT 4621 Applications in Human Resource Management** 3/0/3
Prerequisite: Completion of or currently enrolled in MGNT 4620
This course allows you to apply the concepts learned in the basic human resources (HR) course. Through case analysis, role playing, and assigned projects you will gain an appreciation of an experience with the types of situations that HR professionals face on a routine basis. Additionally, you will become adept at using research tools used by HR professionals to address situations with which they may not be familiar. Further, you will receive exposure to the journals, websites, and professional organizations that HR practitioners use to stay abreast of changes in the field.

MGNT 4625 International Management 3/0/3

Prerequisite: MGNT 3600 or equivalent

International operations of American firms, impact of international competition in the domestic market and organization for international production, marketing, financing, international markets, resources, institutions, and managerial problems arising out of governmental relations.

MGNT 4626 Women and Work 3/0/3

A course designed to familiarize students with the history of women and work, the present role of women in the workplace, and current issues affecting working women and to develop in students skills and strategies for dealing with issues related to women and work. Same as SOCI 4103.

MGNT 4630 Dispute Resolution in Contemporary Organizations 3/0/3

Prerequisite: Junior or Senior status or department chair approval

Analysis of the causes and consequences of conflicts in and among organizations with strategies and processes for their effective resolution. The course will cover the sources of organizational conflicts, strategies for conflict avoidance, approaches for conflict resolution, and traditional and alternative dispute resolution methods.

MGNT 4640 Employment Law 3/0/3

Prerequisite: BUSA 2106

Development, current status, and implications of legislation, court rulings, and government agencies' decisions in equal employment opportunity, employee protection, employment contracts, individual employment rights, income and retirement security, and international employment, as well as emerging issues in human resource management as related to the effective management of human resources.

MGNT 4660 Strategic Management 3/0/3

Prerequisite: May be taken no earlier than one semester before graduation and provided completion of core area F business courses and MGNT 3600, MKTG 3803, FINC 3511, and ECON 3402. Must have senior standing.

An integrative approach to the study of the total enterprise from the executive management's point of view—the environment in which it operates, the direction management intends to head, management's strategic plan, and the task of implementing and executing the chosen strategy.

MGNT 4680 Human Resources Practicum 3/0/3

Prerequisite: MGNT 3600 and MGNT 4620 and consent of instructor

This course allows management students nearing completion of their undergraduate program to work with local practitioners to complete a management consulting project. Students will expand their knowledge of concepts and practices in the field by conducting research related to a particular HR problem. Students will make written and oral reports on their findings and recommendations.

MGNT 4681 Compensation Management 2/2/3

Prerequisite: MGNT 3600 and MGNT 4620 and consent of instructor

This course will teach economic concepts and legislative requirements relating to compensation concepts and practices. Students will learn the concepts and procedures for developing and administering a compensation program.

MGNT 4682 Special Problems in Management**var. 1-3**

Prerequisite: permission of department chair

In-depth, supervised, individual study of one or more current problems of a business organization.

MGNT 4686 Business Internship (Management)**var. 1-6**

Practical, managerial internship experience with a commercial firm or organization for selected junior or senior students. (Students will be given a written agreement specifying course credit hours and grading system to be used.)

MARKETING COURSES (MKTG)**MKTG 3801 Art of Selling and Personal Dynamics****3/0/3**

A basic survey of how ethical selling integrates into modern business and real estate transactions. This course emphasizes selling as a profession, development, and implementation of sales techniques, managing time, and selling your ideas. Experiential exercises and video feedback techniques are used throughout the course. Same as RELE 3701

MKTG 3803 Principles of Marketing**3/0/3**

Study of marketing policies and practices in the flow of goods and services to the customer/consumer.

MKTG 3804 Business Challenges**3/0/3**

Prerequisite: For Honors College-eligible students only

Students, working closely with clients from the business community, will develop a research brief and questionnaire. Innovative data collection methodologies are employed. Statistical analysis is then performed on the data, and the resulting reports are presented orally and in writing.

MKTG 3805 Real Estate Principles**3/0/3**

Emphasis on principles and fundamental concepts. Course provides basic information for the student preparing for a career in real estate. This course also helps the consumer learn how to select, finance, and maintain real property either for a home or for investment purposes. Same as RELE 3705.

MKTG 3808 Business Research**3/0/3**

Prerequisite: CISM 2201, ECON 3402

Designed to meet the rapidly growing need for a systematic approach to the business research process and implementation in terms of decision making. Both primary and secondary sources of information are considered along with research design, measurement, sampling, data collection, processing, analyses, and interpretation.

MKTG 3809 Advertising Practices**3/0/3**

Prerequisite: MKTG 3803 or consent of chair

The integrative role of advertising in persuasive communication in business and related fields. Includes procedures for organizing, developing, and implementing effective media decisions.

- MKGT 3810 Electronic Marketing** 3/0/3
Prerequisite: MKGT 3803
This course will examine the integration of the Internet with Marketing strategy. Topics will include goals for online Marketing, customer communications, interactive Internet pages, and customer service issues. Students will learn how the variables of product, price, promotion, and distribution are affected when engaging in E-Commerce.
- MKTG 3839 Retail Management** 3/0/3
Prerequisite: MKTG 3803
Emphasis on planning, staffing, organizing, and controlling for profitable retail merchandising and store operation.
- MKTG 4805 Sales Management** 3/0/3
Prerequisite: MKTG 3803
This course is designed to teach prospective managers the skills of salesperson management. Topics include motivating, controlling, and evaluating salespersons for results. Trends and recent developments in sales management will also be covered.
- MKTG 4808 Marketing Information Systems and Research** 3/0/3
Prerequisite: MKTG 3803, MKTG 3808
Advanced topics in marketing research, including research design, measurement, sampling design, and data analysis and interpretation.
- MKTG 4831 Business-to Business Marketing** 3/0/3
Prerequisite: MKTG 3803 or consent of department chair
A focused study of marketing to other businesses, institutions, and the government. The buying behavior of organizations as customers is explored, in addition to how the marketing strategy for such customers differs from that used for consumer products and services. Other topics include customer relationship management (CRM), supply chain management, and distribution strategy.
- MKTG 4861 Services Marketing** 3/0/3
Prerequisite: MKTG 3803 or consent of Department Chair
A study of the unique problems associated with the marketing of services including alternative strategies with which to improve service marketing effectiveness.
- MKTG 4864 Consumer Behavior** 3/0/3
Prerequisite: One advanced course in behavioral sciences or MKTG 3803
A comprehensive analysis of the factors in human behavior which influence the choice and the use of products and service. Same as PSYC 4864.
- MKTG 4866 International Marketing** 3/0/3
Prerequisite: MKTG 3803
The focus in this course will be on understanding the new international trade agreement/treaties and adapting marketing strategy based upon this information.

- MKTG 4870 Marketing Management** 3/0/3
Prerequisite: MKTG 3803, 3808, 4864, plus two other marketing courses
The focus of this integrative senior-level course is on the analysis, planning, implementation, and control of marketing programs in a competitive environment. The objectives are to understand the role of marketing management within the framework of other internal functional areas and the relationship between marketing strategy and the strategic environment.
- MKTG 4881 Independent Study in Marketing** 3/0/3
Prerequisite: MKTG 3803
In-depth, supervised, individual study of one or more current marketing problems of a business organization.
- MKTG 4885 Special Topics in Marketing** 3/0/3
Prerequisite: MKTG 3803
The study of selected contemporary marketing topics of interest to faculty and students.
- MKTG 4886 Marketing Internship** 3/0/3
Prerequisite: MKTG 3803
Practical marketing-related experience with a previously approved business firm for selected junior or senior students.

REAL ESTATE COURSES (RELE)

- RELE 3701 Real Estate Marketing**
A basic survey of how ethical selling integrates into modern business & real estate transactions. This course emphasizes selling as a profession, development and implementation of sales techniques, managing time, and selling your ideas. Experiential exercises and video feedback techniques are used throughout the course. Same as MKTG 3801.
- RELE 3705 Real Estate Principles** 3/0/3
Emphasis on principles and fundamental concepts. Course provides basic information for the student preparing for a career in real estate and also helps the consumer learn how to select, finance, and maintain real property either for a home or for investment purposes. Same as MKTG 3805.
- RELE 3711 Real Estate Research** 3/0/3
Prerequisite: RELE 3705
The study of residential and commercial real estate databases, including sales, rents, and mortgage loans. Internet basics such as Websites, search engines, and email will also be reviewed. Using fee versus free data.
- RELE 3730 Real Estate Finance** 3/0/3
Prerequisite: RELE 3705 or FINC 3511
The different financial institutions that are sources of equity and mortgage funds for the real estate industry are analyzed. The real estate mortgage and the other real property security agreements are examined in depth. Other emphasized topics include financial leverage, the secondary market, loan qualifications, foreclosure, mortgage payment plans, and financial math.

- RELE 4701 Real Estate Practices** **3/0/3**
 Not open to undergraduate business majors. The basics of the real estate business, including ownership, brokerage, appraising, investment, financing, property management, and development.
- RELE 4705 Real Estate Investment** **3/0/3**
 Prerequisite: RELE 3705
 Examines the use of discounted after tax cash flow analysis in the evaluation of real estate investments. Topics discussed include operating expenses, cost capitalization, federal tax law implications, depreciation, ownership forms, and different measures of investment performance such as IRR and NPV. Home ownership as a real estate investment is also explored.
- RELE 4706 Residential Appraisal** **3/0/3**
 Prerequisite: RELE 3705 or RELE 4701
 Examines the use of the sales comparison, income, and cost approaches used by professional appraisers to estimate the market value of residential property. The effects of social, economic, political, and physical factors on value are discussed. Some aspects of residential construction and architecture are explored. A formal appraisal report of a residential property ties together the principles and concepts presented.
- RELE 4707 Income Property Appraisal** **3/0/3**
 Prerequisite: RELE 3705 or RELE 4701
 Investigates the different techniques used by the professional appraisers to estimate the market value of income-producing property. The use of income multipliers and capitalization rates and their deviation from market data is explored in depth. A narrative appraisal of an income-producing property is used to integrate the principles and concepts presented. Professional and ethical standards of behavior are also explored.
- RELE 4708 Standards of Appraisal Practice** **0/1/1**
 Prerequisite: Either completed or enrolled in RELE 4706 or 4707
 This course will give the student an overview of the theory and practices of the Uniform Standards of Professional Appraisal Practice (USPAP).
- RELE 4781 Independent Study in Real Estate** **3/0/3**
 Prerequisite: RELE 3705
 In-depth, supervised, individual study of one or more current real estate problems of a business organization.
- RELE 4785 Special Topics in Real Estate** **3/0/3**
 Prerequisite: RELE 3705
 The study of selected contemporary real estate topics of interest to faculty and students.
- RELE 4786 Real Estate Internship** **3/0/3**
 Prerequisite: RELE 3705
 Practical real estate related experience with a previously approved business firm for selected junior or senior students.

COLLEGE OF EDUCATION

Developing Educators for School Improvement

Kim Metcalf, Dean
<http://coe.westga.edu/>

The mission of the College of Education is to provide excellence in the initial and advanced preparation of professionals for a variety of settings; to foster an innovative, student-focused learning community; and to empower a faculty committed to teaching and the dissemination of knowledge. The College envisions itself as a student-focused educational community recognized for excellence in the comprehensive preparation of professionals who can positively impact school improvement.

There are six departments in the College: Department of Counseling and Educational Psychology, Department of Curriculum and Instruction, Department of Educational Leadership and Professional Studies, Department of Media and Instructional Technology, Department of Health, Physical Education and Sports Studies, and Department of Special Education and Speech-Language Pathology. The College offers the Bachelor of Science in Education degree to students in business education (working with the College of Business), early childhood, physical education, middle grades, special education, and speech-language pathology. In collaboration with the College of Arts and Sciences, the Bachelor of Fine Arts, Bachelor of Music, and Bachelor of Arts degrees are offered in art, music, French, and Spanish. Bachelor's degrees with an education option also are available in Biology, Chemistry, Earth/Space Science, Economics, English, History, Mathematics, and Physics. Additionally, the College offers Master of Education and Specialist Education degrees, as well as a Doctor of Education in School Improvement degree.

All teacher and other certification programs are accredited by the National Council for Accreditation of Teacher Education and the Georgia Professional Standards Commission. All degree programs include a strong liberal arts core, professional education course work with appropriate specializations, and practical field experiences. Students are provided strategies and multiple opportunities to observe, practice, and evaluate instructional theories, including various instructional technologies, in the schools.

Students take most of their classes in the Education Center and in the Health and Physical Education Building, both of which feature state-of-the-art instructional technology. The Advising Center is located in the Education Center. Most faculty offices, where critical educational and career advising occurs, are located in the Education Annex. Also located in this facility is the Child Development Center, which serves as a laboratory for early childhood education students.

The College of Education is proud of its rich heritage of exemplary

teaching, scholarship, and service. A commitment to “Developing Educators for School Improvement” reaffirms the value the faculty places on enhancing what students learn and what in turn its graduates help their students learn.

Physical Education Requirement

The College of Education requires three hours of physical education. The student must satisfy this requirement by taking the 2-hour Health and Wellness course and one 1-hour activity course.

A range of activity courses is offered each semester emphasizing lifetime activities, fitness-based activities, and team sports. All activity courses encourage wellness and mental and physical health across the lifespan.

Military veterans with two or more years of active duty will not have to take the activity course.

Certification

The Georgia Professional Standards Commission awards professional educator certificates in Georgia. The University of West Georgia has been approved to offer undergraduate programs designed to qualify students for the level four professional certificate in the following teaching fields:

1. Early Childhood Education (Grades P-5)
2. Middle Grades Education (Grades 4-8)
3. Secondary Education (Grades 7-12), with these majors:
 - Business Education
 - (See addendum for additional majors)
4. All level fields (Grades P-12)

Art Education	Special Education
French	Speech-Language Pathology
Music Education	Physical Education
Spanish	

The teacher education programs in business education, early childhood, middle grades, physical education, and special education lead to a Bachelor of Science in Education degree with certification.

The program for certification on the P-12 level in selected fields is organized on an inter-departmental basis. The student completes the requirements for a Bachelor of Fine Arts, Bachelor of Arts, Bachelor of Science in Education, and a Bachelor of Music, as planned by the student’s departmental advisor, while the professional education requirements are taken under the direction of the College of Education. Completion of one of the approved programs by the College of Education qualifies the graduate for a professional level four certificate in Georgia.

Georgia House Bill 671 requires that after July 1, 1976, any person certified as a teacher should have completed satisfactorily requirements in the identification and education of children who have special needs.

Georgia House Bill 1187 requires that after June 30, 2001, all candidates applying for their first Georgia professional certificate shall demonstrate satisfactory proficiency on a PSC-approved test of computer skill competency or complete a PSC-approved training/course equivalent. Please see your advisor for more details.

Note: The educational requirements of all programs are designed to enable one to meet present certification assessment(s) required by the Georgia Professional Standards Commission; however, the Georgia Professional Standards Commission may change required certification assessment(s) prior to the completion of the course of study. While reasonable efforts will be made to enable one to satisfy additional requirements, no assurances can be made that the University will be able to offer these additional courses or, if taken, that such courses will entitle one to take and pass the certification assessment(s). Prior to receiving a University recommendation for clear, renewable certification, the appropriate certification assessment(s) required by the Georgia Professional Standards Commission must be completed and passed. The candidate has the responsibility to register for the appropriate certification assessments.

All post-baccalaureate students seeking initial certification must be admitted to teacher education and have an approved program of study planned prior to the end of the first semester of enrollment. All students must complete the program of study at West Georgia. In all cases, the appropriate certification assessment(s) will be required.

Admission to Teacher Education

Admission to the teacher education program is a prerequisite to enrollment in professional education courses. Students should file application for admission with their advisor. Admission to the program is based on meeting specific qualifications.

Students should refer to the *Teacher Education Handbook* for additional information regarding admission to the teacher education program and field experience requirements and procedures for application. Documents are available at <http://coe.westga.edu/students/TCFP/documents.asp>.

Eligibility

Admission to the teacher education program is a prerequisite to enrollment in professional education courses. Eligibility requirements for admission to teacher education for regular students include the following:

1. Completion of the core requirements for Areas A, B, C, D, and E.
2. A minimum GPA of 2.5 is required for those entering the Physical Education degree program; a minimum GPA of 2.7 is required for those entering Art, Music, French, Spanish, Early Childhood, Middle Grades, Secondary, and Special Education; and a minimum GPA of 2.7 is required for those entering Speech-Language Pathology. This GPA is based on all courses attempted. (the overall GPA)
3. Proficiency in oral communication (demonstrated by oral communication with a grade of C or better in COMM 1110 and/or by other means determined by the department—e.g., interviews or tapes of oral communication).
4. Satisfactory completion of the Regents' Exam.
5. Satisfactory completion of the basic skills test (or exemption) required of all candidates admitted to teacher education – GACE or Praxis I. (Praxis I is appropriate only for candidates who achieved a passing composite score on this test by September 1, 2006). See individual advisors for specific details. All out-of-state transfers must fulfill this requirement during the first term enrolled at the University of West Georgia.

6. Successful completion of EDUC 2110, 2120, and 2130 with a grade of C or better.
7. Satisfactory completion of the physical education requirement of the college from which the candidate will graduate. See the Undergraduate Catalog for further details.
8. Completion of any other additional requirements specified by individual departments, e.g., a departmental interview.

Education Blocks

Students must meet requirements for admission to teacher education prior to enrolling in block. To exit block successfully, students must earn no grade lower than a C; must demonstrate mastery of the outcomes, including field experience, for the block; and must receive a favorable recommendation from the block faculty and the supervising teacher.

Some departments offer professional education sequence courses in block semesters. Courses in blocks are taken concurrently and are connected through a common field experience requirement. Check with advisors and program sheets for the schedule of these blocks.

Majors in early childhood education register concurrently for Block I*: CEPD 4101, ECED 3271, ECED 3282, PHED 4650, MATH 3803, ECED 3214, and READ 3251; Block II: MATH 3703, ECED 4261, ECED 4262, ECED 4263, ECED 4283, and READ 3262; Block III*: ECED 4251, ECED 4284, MATH 4713, READ 3263, READ 4251, and SPED 3715; Block IV: ECED 4286 and ECED 4289; and Summer: MEDT 3402.

Majors in Middle Grades Education register concurrently for Block I*: CEPD 4101, MGED 4271, and READ 3262; Block II: MGED 4265 and READ 4251; Block III: Language Arts/Social Science Concentration - MGED 4261*, READ 4252 and 4285; Math/Science Concentration - MGED 4264* and READ 4252; Block IV: MGED 4286* and MGED 4289. Additionally, MGED majors are required to complete 24 hours in either Language Arts and Social Science, or Math and Science.

Majors in Special Education: General Curriculum register concurrently for Block I*: MEDT 3401, READ 4253, CEPD 4101, SPED 3713, SPED 3714, and SPED 3751; Block II: SPED 3702, SPED 3707, SPED 3752, SPED 3761, READ 3262, and READ 3251; Block III*: SPED 4710, SPED 4712, SPED 4713, SPED 4751, SPED 4761, and READ 4251; Block IV*: SPED 4786* and SPED 4789.

Majors in Speech-Language Pathology register concurrently for Block I*: SLPA 3701, SLPA 3702, SLPA 3703, SLPA 3704, SLPA 4704 (may be exempted under certain conditions); Block II: SLPA 3705, SLPA 3760, SLPA 3761, SLPA 3790, SLPA 4701, SLPA 4703; Summer (Junior Year): SLPA 4790, SLPA 4723; Block III*: SLPA 4791, SLPA 4720, CEPD 4101, SPED 3703; Block IV*: Option 1: SLPA 4721, SLPA 4722, MEDT 3401, SPED 3715 OR Option 2 (available only through Spring 2008: SLPA 4786, 4789)

Majors in French and Spanish with certification must be admitted to Teacher Education prior to taking SEED 4571*; FORL 4586*; and CEPD 4101.

Majors in Music Education must be admitted to Teacher Education prior to taking the professional education sequence: CEPD 4101; MUSC 4186*; MUSC 4187; and MUSC 4188.

Majors in Art Education must be admitted to Teacher Education prior to taking the professional education sequence: CEPD 4101; ART 4011*; ART 4012; and ART 4013.

Majors in Secondary Education must be admitted to Teacher Education prior to taking the professional education sequence: SEED 4240* (Math); SEED 4242* (Science); SEED 4243* (Social Studies); SEED 4238* (English); SEED 4271*, SEED 4286*, SEED 4289, and CEPD 4101.

Majors in Physical Education must be admitted to Teacher Education prior to taking the professional education sequence: PHED 3608, PHED 3671, PHED 3676, and CEPD 4101 (Block I)*; PHED 3618, PHED 3675, PHED 3677, and PHED 3678 (Block II); PHED 4608, PHED 4680, PHED 4676, PHED 4677*, (Block III); PHED 4686* and PHED 4689 (Block IV).

Majors in Business Education must be admitted to Teacher Education prior to taking ABED 4507*, ABED 4537*, ABED 4586,* and ABED 4589.

***College of Education Criminal Background Check Form**

More and more schools are requiring criminal background checks prior to teacher education candidates entering schools. To assist schools in this process the Teacher Education program has three checkpoints at which candidates must complete a College of Education Criminal Background Check Form. The three checkpoints are: (1) prior to admission to the teacher education program, (2) prior to second semester, senior level courses, and (3) prior to placement for internship. Truthful completion of this form is mandatory. In addition, candidates are expected to self-report any incidents that occur between these checkpoints with the Office of Field Experiences. If candidates are found to have ever been arrested for a misdemeanor or felony involving moral turpitude, their placement paperwork is temporarily suspended. If needed, the candidate's case will be forwarded to an ad hoc committee for final decision. Beyond this committee's decisions, the candidate has the right to appeal to the Dean. Once candidates have been cleared by either the university legal counsel, the committee, or the Dean, their placement paperwork will be processed. Under no circumstances will any candidate who has not completed the College of Education Criminal Background Check Form be considered for field placements or be permitted to begin field experiences in the schools.

Education Program Completion Requirements

1. See specific bachelor's degree program as applicable.
2. Students must obtain program requirements from appropriate departments.
3. A course in special education is required by Georgia House Bill No. 671.
4. Complete Computer Skill Competency requirement as outlined in the A+ Education Reform Act (House Bill 1187). A procedure to meet this requirement is included in the degree program.
5. Students must make a grade of C or better in all professional education sequence courses, in teaching field courses, and in supporting courses for the teaching field, including Area F of the Core. (See program sheets.)
6. Student must satisfactorily complete all field experiences.
7. Prior to receiving a university recommendation for clear, renewable certification, students must post a passing score on the appropriate certification assessment(s) required by the Georgia Professional Standards Commission.

Field Experiences

All teacher education programs require satisfactory completion of field experi-

ences. Check with appropriate College of Education departments for information on field experience requirements and procedures for application. Students may be required to consent to a criminal background check before being placed for the field experience in certain public schools. A fee may be required for this process.

Application for placements for all practicum, internship, and block courses must be submitted to the Office of Field Experiences prior to enrollment in the courses. These deadlines apply:

<u>Application for</u>	<u>Deadline</u>
Fall Semester	First Monday in February
Spring Semester	First Monday in May

Students are expected to complete all professional education and content course work prior to their teaching internship (student teaching) semester. Traditionally, students enrolled in the teaching internship have been limited to no more than 12 hours, defined as 9 hours of internship and 3 hours of student teaching seminar. With advisor consent, students may be allowed to complete one additional course during their teaching internship. Under no circumstances will students be allowed to take more than one additional course during their teaching internship.

Internship/Practicum Fee

A course-related fee is associated with internships and practicums to include student teaching, block, and other experiences in educator preparation programs at the University of West Georgia. The fee, which was endorsed by the West Georgia Student Government Association, is used to provide honoraria to members of schools who assist our undergraduate and graduate students in their field placements including the student teaching internship experience. The funds will also be applied to costs associated with field experiences (including evaluation forms and supervision travel).

Liability Insurance

Effective July 1, 2005, the state of Georgia will provide Professional Liability insurance for all teacher candidates. Candidates, not the University of West Georgia, are responsible for acts committed while participating in professional clinical experiences. Keep in mind that financial penalties can be extreme, particularly when public school students are injured as a result of the candidates' negligent acts or omissions. Terms of the liability insurance policy can be obtained from the Office of Field Experiences. Additional coverage may be obtained through Student Professional Association of Georgia Educators (SPAGE) and/or Georgia Association of Educators (GAE). Information concerning these organizations is available from each department in the College of Education, the Academic Advisement Center, and/or the Office of Field Experiences.

Child Development Center

West Georgia operates the Child Development Center in the Education Annex for children aged four to five years. The Center is under the direction of the Department of Curriculum and Instruction. The four-year-old pre-kindergarten program is open from 8 a.m. to 2:30 p.m. weekdays.

During the regular school year, the Center employs three full-time teachers and three assistant teachers and provides practicum experiences for numerous graduate and undergraduate students in several fields of study.

The four-year-old pre-kindergarten program is funded through a state grant from Bright from the Start, formerly the Office of School Readiness. There is no tuition fee.

For further information, call the Center at 678-839-6563.

Multimedia Classrooms

The College of Education has integrated multimedia technology in all classrooms in the Education Center, Education Annex, and Health and Physical Education facilities. Twenty-five multimedia classrooms allow the instructor and student to use a VCR/DVD or computer through a large screen projection system. The systems generally are used to show educational videotapes, computer generated slide presentations, and educational websites. Innovative uses of this technology include virtual reality sessions, videoconferencing, and video streaming with K-12 school systems. Each classroom has a wireless mouse so the instructor or student can control the computer while roaming the room. Each classroom also contains a switch box that allows a user to easily connect a laptop computer and use the existing projector with the turn of a switch. Each computer is connected to the Internet and has CD/DVD drive, and USB ports on the keyboard and monitor.

Multimedia classrooms available in the Education Center include rooms 1, 2, 3, 4, 5, 104, 200, 201, 202, 203, 204, 205, 225, 226, 227, 229, 249, and the Evaluation Center Conference Room. Multimedia classrooms available in the Education Annex include rooms 113, 120, 123, 170, and 220. Multimedia classrooms available in the HPE building (Old Auditorium) include rooms 112 and 119A.

Computer Labs

The College of Education provides four computer labs for classroom instruction and student use. These labs are for educational use only and should not be used for recreational purposes. For hours of operation, detailed hardware and software descriptions, and general lab information, go to: <http://uwglabs.westga.edu>.

Teaching Materials Center

The Teaching Materials Center (TMC) is a curriculum laboratory that exists for the purpose of improving teaching and learning by providing resources to in-service teachers, pre-service teachers, faculty, and the community at large. The TMC collection consists of both print and non-print materials for use in elementary, middle, and secondary schools. The collection includes public school textbooks, children and young adult books, curriculum guides, teaching activity guides, periodicals, manipulatives, software programs, videos, puppets, CDs, and games. Hours of operation, checkout policies, and general information can be found at <http://tmc.ed.westga.edu/>.

Test Center

The Test Center is located in the Teaching Materials Center, and houses over 200 tests from various categories including achievement, developmental, personality, intelligence, speech and language, and reading. Its primary purpose is to enhance the student's classroom learning experience concerning test selection, administration, interpretation, and use while under supervision of faculty. A secondary purpose of the Test Center is to provide appropriate resource assessment materials as needed by qualified faculty in their teaching and research activities. These tests are available for checkout to students enrolled in assessment classes.

Hours of operation, checkout policies, and a list of available tests can be found at <http://tmc.ed.westga.edu/testctr.asp>.

DEPARTMENT OF COUNSELING AND EDUCATIONAL PSYCHOLOGY

Ed. Annex 237 • 678-839-6554

<http://coe.westga.edu/cep/>

Professors, S. Boes, B. Snow, R. Stanard; **Associate Professors**, L. Cao, L. Painter, P. Phillips, M. Slone; **Assistant Professors**, J. Charlesworth, J. Chibbaro, M. Hancock, K. Sebera

Although there are no undergraduate degrees offered in the Department of Counseling and Educational Psychology, undergraduate courses are taught by faculty in the department to meet undergraduate program requirements.

COUNSELING AND EDUCATIONAL PSYCHOLOGY COURSES (CEPD)

CEPD 2101 Childhood Development 3/0/3

Prerequisite: Cumulative GPA of at least 2.5

This course is an in-depth study of the theories and processes of human development from birth through pre-adolescence. Special emphasis is placed on the developmental requirements and characteristics of children prior to and during schooling up through pre-adolescence, as well as developmental readiness as it applies to the teaching and learning process.

CEPD 2102 Developmental Psychology 2/0/2

Prerequisite: Cumulative GPA of at least 2.5

This course is a survey of human development as explored through various psychological perspectives. Although development from conception through adulthood will be examined, the emphasis will be placed upon conception through adolescence. This course is designed to facilitate an awareness of childhood and adolescence as we explore experiences of children in families, peer relationships, and schools of today. Physical, psychosocial, moral, and intellectual development will be examined through a variety of in-class activities. Lecture and discussion topics will be selected from your text which should be your primary reference for all class activities.

CEPD 2120 Career Life Planning 2/0/2

This course is designed to expose undergraduate freshmen and sophomores to variables involved in career choice. These variables include self-assessment, career information, the decision-making process, establishment of short and long-range goals, and interview and resume preparation. There is an additional fee for two career inventories, which are part of the assessment process. These inventories are to be taken at the Student Development Center.

CEPD 2121 Organizational Leadership 3/0/3

Theoretical approaches to organizational leadership will be emphasized. Developing a practical use of skills and methods for immediate application will be stressed.

CEPD 4101 Educational Psychology**3/0/3**

Prerequisite: Admission to Teacher Education

An introduction to the psychological theories and principles applied to the classroom. The course will include aspects of learning, motivation, classroom management, and assessment. Emphasis will be placed on developmentally designed instruction for all students.

CEPD 4106 Seminar in Residence Hall Staff Education**2/0/2**

The purpose of the class is to provide the resident assistant with additional training that will assist in job performance and to provide supplemental learning activities that will allow individuals to explore new arenas of self-awareness.

CEPD 4150 Tests and Measurement**3/0/3**

This course is concerned with the theory and practice of educational and psychological measurement. The focus is on the technology of measurement rather than on the development of skill in the use of any given measuring instrument. Classroom test construction will be emphasized.

DEPARTMENT OF CURRICULUM AND INSTRUCTION

Ed. Annex 217 • 678-839-6559

<http://coe.westga.edu/CI/>

Professors, D. Jenkins, H. Morgan; **Associate Professors**, J. Butler, C. Doheny, J. Drake, R. Duplechain, D. Harkins, H. Ramanathan, R. Reigner, J. Strickland; **Assistant Professors**, F. Luo, G. Marshall, A. Nazzal, M. Newsome, T. Ogletree, J. Ponder, D. Saurino, P. Saurino, K. Tate, U. Thomas-Fair; **Instructor**, J. Cox, R. Robinson, R. Shepherd

B.S. in Education Degree with a Major in Early Childhood Education

The undergraduate program in Early Childhood/Elementary Education prepares teacher education candidates to teach children in pre-kindergarten school settings through fifth grade. Satisfactory completion of the program leads to Early Childhood certification in the state of Georgia. Admission to the Teacher Education program is required for enrollment in the blocked sequence of professional courses. A full year of field experiences in public schools occurs throughout the professional education courses. Students in this program will also acquire two concentrations (Mathematics and Reading) by completing courses that are integrated in Area F and the professional sequence of courses.

	Hours
Core Area A (Essential Skills)	9
Core Area B (Institutional Priorities)	5
COMM 1110 is recommended	3
Core Area C (Humanities/Arts)	6
ENGL 2110, 2120, or 2130 is recommended	3
Core Area D (Science, Math, Technology)	10
Science	4
XIDS 2201 is recommended	
Science	3
BIOL 1010 is recommended	
Math, Science, & Quantitative Technology	3

MATH 2703 is recommended

Core Area E (Social Sciences) 12

GEOG 1013 is recommended 3

Core Area F (Program Related Courses) 18

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

ISCI 2001 Life/Earth Science 3

ISCI 2002 Physical Science 3

MATH 2008 Foundations of Numbers and Operations 3

Note: To ensure proper background in required content area, ECED students are strongly advised to complete the following (or equivalent):

COMM 1110 GEOG 1013

ENGL 2110, 2120, or 2130 GEOLOGY with GEOL lab

XIDS 2201 XIDS 2100

BIOL 1010 and 1010L

MATH 2703

Courses Required for the Degree

Professional Education 60

Block I 18

CEPD 4101 Educational Psychology 3

ECED 3271 Integ C, I, & CM for PreK-5 Class 3

ECED 3282 Practicum I 2

PHED 4650 Health & Physical Act in Elem School 2

MATH 3803 Algebra for Teachers I 3

ECED 3214 Explor Act in Music & the Fine Arts 2

READ 3251 Children's Literature 3

Block II 17

MATH 3703 Geometry for Teachers 3

ECED 4261 Teaching Content/Process: Social Studies Ed 3

ECED 4262 Teaching Content/Process: Science Ed 3

ECED 4263 Teaching Content/Process: Math Ed 3

ECED 3262 Practicum II 2

READ 3262 Teaching Content/Process: Reading Ed 3

Block III 17

ECED 4251 Assess & Corr Math Ed 3

ECED 4284 Practicum III 2

MATH 4713 Probability & Statistics 3

READ 3263 Tchg C & P: Integ Literacy

Education and the Writing Process 3

READ 4251 Assess & Correction Rdg Ed 3

SPED 3715 Inclusive Classroom: Diff Instruc 3

Block IV 12

ECED 4286 Teaching Internship 9

ECED 4289 Teaching Internship Seminar 3

Summer 2

MEDT Integrat Tech into the Classrm 2

Total 120

Physical Education Requirement		3
PWLA 1600	2	
PWLA (activity course)	1	

Notes:

1. *Application for field experiences must be submitted two semesters prior to enrollment in methods and internship. See page 408 for specific deadlines.*
2. *See pages 405-409 for specific Admission, Retention, and Program Completion requirements.*
3. *See page 123-124 for specific requirements for the Bachelor of Science Degree in Education.*

B.S. in Education Degree with a Major in Middle Grades Education

The undergraduate program in Middle Grades Education prepares teacher education candidates to teach students in grades 4-8. Satisfactory completion of the program leads to Middle Grades certification in the state of Georgia. Admission to the Teacher Education program is required for enrollment in the blocked sequence of professional courses. A full year of field experiences in public schools occurs throughout the professional education courses. Students in this program will select one of two concentration options: Language Arts/Social Studies or Mathematics/Science. The concentration option is composed of 30 semester hours of courses that are integrated in Area F and the professional sequence of courses.

LANGUAGE ARTS/SOCIAL STUDIES CONCENTRATION

	Hours
Core Area A (Essential Skills)	9
Core Area B (Institutional Priorities)	5
COMM 1110 is recommended	3
ANTH 1100 is recommended	2
Core Area C (Humanities/Arts)	6
XIDS 2100 is recommended	3
ENGL 2110, 2120, or 2130 is recommended	3
Core Area D (Science, Math, Technology)	10
Math, Science, and Quantitative Technology	3
MATH 1112 is recommended	
Core Area E (Social Sciences)	12
GEOG 1013 is recommended	3
Core Area F (Program Related Courses)	18
EDUC 2110 Critical Issues	3
EDUC 2120 Diversity	3
EDUC 2130 Learning and Teaching	3
ENGL 2110, 2120, or 2130 is recommended	3
ENGL 2300 Pract Criticism: Research & Meth is recommended	3
POLS 2201 State & Local Govt is recommended	3
Courses Required for the Degree	
Professional Education	42
CEPD 4101 Ed Psy	3
MEDT 3401 Integrating Technology	3
MGED 4261 Methods for Integrating LA/SS	3
MGED 4265 Instruc Design, Mgt, & Tech	3

MGED 4271 MG Curriculum	3
MGED 4286 Teaching Internship	9
MGED 4289 Internship Seminar	3
READ 3262 Tchng C&P: Rdg Ed	3
READ 4251 Assessment & Correction Reading Education	3
READ 4252 Lit in the Middle School	3
READ 4285 Special Topics	3
SPED 3715 Inclusive Classroom	3

Concentrations

24

Language Arts

ENGL 3200 or 4210	3
ENGL 4106a, 4106b	6
ENGL 4300	3

Social Studies

ANTH 4144 People & Culture of Latin America	
OR GEOG 2503 Cultural Geography	3
HIST 3311 Ancient Near East & Classical World	
OR HIST 3312 Near East in the Middle Ages	
OR HIST 3313 Near East in Modern Times	
OR HIST 3315 Civilization of India	
OR HIST 3318 African Society: The Precolonial Era	
OR GEOG 3085 Special Topics in Regional Geog	3
HIST 4474 History of Georgia	3

Select one of the following:

POLS 3101 American Political Organizations	
POLS 3102 Women & Politics	
POLS 3301 The Judicial Process	
POLS 4101 Legislative Process	
POLS 4102 The Presidency	

3

Total		126
Physical Education Requirement		3
PWLA 1600	2	
PWLA (activity course)	1	

MATH/SCIENCE CONCENTRATION

		Hours
Core Area A (Essential Skills)		9
Core Area B (Institutional Priorities)		5
COMM 1110 is recommended	3	
ANTH 1100 is recommended	2	
Core Area C (Humanities/Arts)		6
ENGL 2110, 2120, or 2130 is recommended	3	
XIDS 2100 is recommended	3	
Core Area D (Science, Math, Technology)		10
Science (lab)	4	
BIOL 1107 and 1107L is recommended		
Math, Science, & Quantitative Technology	3	
MATH 1112 is recommended		
Core Area E (Social Sciences)		12

GEOG 1013 is recommended	3	
Core Area F (Program Related Courses)		18
BIOL 1107 & 1107L Principles of Bio I (if not taken in Area D)	0-4	
BIOL 1108 Prin of Bio II	3	
CHEM 1151 Survey of Chem I	3	
MATH 1413 Survey of Calc or MATH 1634 Calculus I	3	
EDUC 2110 Critical Issues	3	
EDUC 2120 Diversity	3	
EDUC 2130 Learning and Teaching	3	
Courses Required for the Degree		
Professional Education		39
CEPD 4101 Ed Psychology	3	
MEDT 3401 Integrating Technology	3	
MGED 4264 Meth for Integrating Science & Math	3	
MGED 4265 Instruc Design, Mgt, & Tech	3	
MGED 4271 MG Curriculum	3	
MGED 4286 Teaching Internship	9	
MGED 4289 Internship Seminar	3	
READ 3262 Tchng C&P: Rdg Ed	3	
READ 4251 Assessment & Correction Reading Education	3	
READ 4252 Lit in the Middle School	3	
SPED 3715 Inclusive Classroom	3	
Concentrations		27
<i>Mathematics</i>		
MATH 3703 Geometry for Teachers	3	
MATH 3803 Algebra for Teachers I	3	
MATH 4713 Prob & Statistics for Teachers	3	
Select one of the following:	3	
MATH 4753 Trig/Calculus for P-8 Teachers		
MATH 4773 Number Theory for Teachers		
MATH 4853 An Intro to the History of Math		
MATH 4863 Algebra for Teachers II		
MATH 4985 Special Topics		
<i>Science</i>		
BIOL 1108L Prin of Bio II Lab	1	
Select one of the following:	4	
BIOL 3221 Taxonomy of Flowering Plants and Ferns		
BIOL 4241 Entomology		
BIOL 3226 Natural History of Vertebrates		
CHEM 1151L Survey of Chem I Lab	1	
GEOL 4203 Geology of GA	3	
GEOL 4985 Special Topics	3	
PHYS 3713 Survey of Physics	3	
Total		126
Physical Education Requirement		3
PWLA 1600	2	
PWLA (activity course)	1	

Notes:

1. *Application for field experiences must be submitted two semesters prior to enrollment in methods and internship. See page 408 for specific deadlines.*
2. *See pages 405-409 for specific Admission, Retention, and Program Completion requirements.*
3. *See page 123-124 for specific requirements for the Bachelor of Science Degree in Education.*

Programs for Teachers Grades P-12

(Art, French, Music, Spanish)

1. See specific bachelor's degree programs as applicable.
2. Admission to the teacher education program is a prerequisite to enrollment in the professional education sequence.
3. A course in special education is required by Georgia House Bill No. 671.
4. See pages 404-409 for specific Admission, Retention and Program Completion requirements.

Art: See page 145 for degree requirements.

Music: See page 291 for degree requirements.

French: See page 224 for degree requirements.

Spanish: See page 224 for degree requirements.

EARLY CHILDHOOD/ELEMENTARY EDUCATION COURSES (ECED)

ECED 2271 Introduction to Early Childhood/Elementary Education 2/2/3

Prerequisite: 2.5 cumulative GPA

An introduction to early childhood/elementary education with emphasis on the social, historical, and philosophical perspectives including methods of inquiry used in analysis of educational issues, as well as concentrations on the role of the teacher, including ethical and effective practice. Field experience in public school settings will occur throughout the course.

ECED 3214 Exploratory Activities in Music and the Fine Arts 2/0/2

Prerequisite: Admission to Teacher Education Must be able to take concurrently with ECED 3271, ECED 3282, and READ 3251, or with advisor approval

An introductory course that surveys methods and activities to teach fundamental skills in movement/dance/drama, art, and music in the early childhood/elementary curriculum. Field experience required.

ECED 3263 Teaching Content and Process: Language Arts Education 2/2/3

Prerequisite: Admission to Teacher Education. All Courses from Block I. Must be taken concurrently with ART 3000, ECED 4261, ECED 4263, MATH 3803, READ 3262. A practicum fee will be charged.

A study of the nature of language, language acquisition, and the development of the language arts curriculum for early childhood/elementary settings. Field experience required.

ECED 3264 Children as Writers**3/0/3**

Prerequisite: Admission to Teacher Education

The purpose of this course is to assist the pre-service teacher as he or she develops a clear understanding of his or her role as a writing teacher of young children. This will be done by helping the preservice teacher apply theories of teaching writing to young children. The emphasis is on how theory and research drives curriculum decisions.

ECED 3271 Integrating Curriculum, Instruction, and Classroom Management for Pre K-5 Classrooms**2/2/3**

Prerequisite: Admission to Teacher Education. Must be taken concurrently with CEPD 4101, MATH 3703, MUSC 3000, PHED 4650, READ 3251.

Students will examine theories and models for designing curriculum, instruction, and classroom management in Pre K through fifth grade classrooms. Students will also observe and apply these theories and models during a field based experience.

ECED 3282 Practicum I**0/2/2**

Prerequisites: Admission to Teacher Education. Application for field experience required prior to enrollment. Must be taken concurrently with ECED 3214, ECED 3271, and READ 3251, or with Advisor approval.

Students are placed in a designated early childhood/elementary site. Requirements include observing children and planning and implementing learning activities with the guidance of a qualified supervisor.

ECED 4251 Assessment and Correction Mathematics Education**3/0/3**

Prerequisite: Admission to Teacher Education. All Courses from Block II. Must be taken concurrently with ECED 4284, READ 3263, READ 4251, or with Advisor approval.

Overviews development of acquisition of mathematical concepts. The assessment/correction process is examined. Teaching strategies appropriate to children with learning difficulties are described. Individual assessment and analysis of a particular child's mathematical problems, including teaching to this analysis are developed in case study form. Current research on teaching mathematics to children with special needs is examined. Knowledge of teaching strategies and the assessment/correction process will be applied during field experience.

ECED 4261 Teaching Content and Process: Social Studies Education**3/0/3**

Prerequisite: Admission to Teacher Education. All Courses from Block I. Must be taken concurrently with ECED 4262, ECED 4263, READ 3262, or with Advisor approval.

Students will examine the current content and methodology of social studies education for young learners (grades P-5). Students will design and implement learning experiences that incorporate the knowledge, skills, and attitudes appropriate for an elementary social studies program. Field experience required.

ECED 4262 Teaching Content and Process: Science Education 3/0/3

Prerequisite: Admission to Teacher Education. All Courses from Block I. Must be taken concurrently with ECED 4261, ECED 4263, ECED 4283, and READ 3262, or with Advisor approval.

Students will examine content, methodology, skills, and materials used to teach science to children in grades P-5 by means of course discussions and assignments, field placements/assignments, and course readings. Emphasis will be placed on developmentally appropriate practices and integration with mathematics and other appropriate subject areas.

ECED 4263 Teaching Content and Process: Mathematics Education 3/0/3

Prerequisite: Admission to Teacher Education. All Courses from Block I. Must be taken concurrently with ECED 4261, ECED 4262, ECED 4283, and READ 3262, or with Advisor approval.

Mathematics education content, methods, and materials which are appropriate for the cognitive development of the P-5 child will be investigated. Students will apply knowledge of content, methods, and materials during field experience.

ECED 4283 Practicum II 3/0/3

Prerequisites: Admission to Teacher Education. Successful completion of all required courses in Block I. Must be taken concurrently with ECED 4261, ECED 4262, ECED 4263, and READ 3262, or with Advisor approval. Application for field experience required prior to enrollment.

Students are placed in a designated early childhood/elementary site. Requirements include observing children and planning and implementing learning activities with the guidance of a qualified supervisor.

ECED 4284 Practicum III 0/2/2

Prerequisites: Admission to Teacher Education. Successful completion of all required courses in Block II. Must be taken concurrently with ECED 4251, READ 3263, and READ 4251, or with Advisor approval. Application for field experience required prior to enrollment.

Students are placed in a designated early childhood/elementary site. Requirements include observing children and planning and implementing learning activities with the guidance of a qualified supervisor.

ECED 4285 Special Topics var. 1-3

Prerequisite: Admission to Teacher Education

Titles and descriptions of specific topics to be inserted at time of offering. May be repeated for credit.

ECED 4286 Teaching Internship 0/18/9

Prerequisite: Admission to Teacher Education; Application for field experience required prior to enrollment; Co-requisite: Taken concurrently with ECED 4289

Students will be involved 15 weeks (one semester) in a full-time, supervised and directed classroom setting.

ECED 4287 Teaching Internship I 0/6/3

Prerequisite: Admission to Teacher Education; Application for field experience required prior to enrollment; Provisionally certified students only

Students will be in a full-time, supervised and directed classroom setting.

ECED 4288 Teaching Internship II**0/6/3**

Prerequisite: Admission to Teacher Education; Application for field experience required prior to enrollment; Provisionally certified students only; Co-requisite: Taken concurrently with ECED 4289

Students will be in a full-time, supervised and directed classroom setting. Application for field experience required prior to enrollment.

ECED 4289 Teaching Internship Seminar**3/0/3**

Prerequisite: Admission to Teacher Education; Must be taken concurrently with ECED 4286 or 4288

This course is designed to engage interns in a critical reflection of issues, topics, materials, and skills appropriate to their professional development and teaching experience during their internship. The course will also serve as a capstone experience for satisfying exit requirements of the program.

EDUCATION COURSES (EDUC)**EDUC 2110 Investigating Critical and Contemporary Issues
in Education****3/0/3**

Prerequisite: Cumulative GPA of at least 2.5

This course engages students in observations, interactions, and analyses of critical and contemporary educational issues. Students will investigate issues influencing the social and political contexts of educational settings in Georgia and the United States. Students will actively examine the teaching profession from multiple vantage points both within and outside the school. Against this backdrop, students will reflect on and interpret the meaning of education and schooling in a diverse culture and examine the moral and ethical responsibilities of teaching in a democracy. A field component (totaling 10 hours) is required.

**EDUC 2120 Exploring Sociocultural Perspectives on Diversity in
Educational Contexts****3/0/3**

Prerequisite: 2.5 GPA

This course is designed to equip future teachers with the fundamental knowledge of understanding culture and teaching children from diverse backgrounds.

EDUC 2130 Exploring Learning and Teaching**3/0/3**

Prerequisite: 2.5 GPA

Explore key aspects of learning and teaching through examining your own learning processes and those of others, with the goal of applying your knowledge to enhance the learning of all students in a variety of educational setting and contexts.

MIDDLE GRADES EDUCATION COURSES (MGED)

MGED 2271 Introduction to Middle Grades Education **2/2/3**

Prerequisite: 2.5 cumulative GPA

An introduction to middle level education with emphasis on the historical, philosophical, and organizational perspective identified with effective programs developed for early adolescents age 10-15. The course will also focus on the roles of educators, parents, and community in serving early adolescents. Field experience in a public school is required.

MGED 4261 Methods for Integrating Language Arts and Social Studies **2/2/3**

Prerequisite: Admission to Teacher Education. Taken concurrently with MGED 4260 and READ 4252.

Students will explore techniques and strategies for the effective teaching and integration of language arts and social studies. They will also investigate current issues, practices, materials, and curriculum development appropriate for teaching/learning in the middle grades. Course includes in-school field experience.

MGED 4264 Methods for Integrating Science and Math **2/2/3**

Prerequisite: Admission to Teacher Education. Taken concurrently with MGED 4260 and READ 4252.

This course will provide an exploration of techniques and strategies for the effective integrated teaching of science and math and investigations of current issues, practices, and materials in teaching/learning science/math in the middle grades. Course includes in-school field experiences.

MGED 4265 Instructional Design and Classroom Management in the Middle School **2/2/3**

Prerequisite: Admission to Teacher Education. .

This course will address the principles and techniques of planning and teaching with attention to differentiated instructional design and assessment and evaluation techniques to be used with middle grade learners. Students will plan lessons and units of study for middle level learners that apply the principles of differentiated instruction and a variety of assessment formats. In addition, this course will include an exploration and examination of approaches of instructional management of learners, resources, and learning activity. Techniques for integrating various approaches to classroom discipline into instructional management will be developed. Field experience required.

MGED 4271 Middle Grades Curriculum **2/2/3**

Prerequisite: Admission to Teacher Education

Exploration of the curriculum and nature of the learner for the middle grades and the identification of processes for developing relevant curriculum components, including career awareness, for the pre-adolescent in today's society. Two days each week will be spent with assigned field experiences.

MGED 4285 Special Topics **1-3/0/1-3**

Prerequisite: Admission to Teacher Education

Titles and descriptions of specific courses to be inserted at time of offering. May be repeated for credit for maximum of three hours.

MGED 4286 Teaching Internship 0/18/9

Prerequisite: Admission to Teacher Education; Application for field experience required prior to enrollment; Co-requisite: Taken concurrently with MGED 4289

Students will be involved 15 weeks (one semester) in a full-time, supervised, and directed classroom setting.

MGED 4287 Teaching Internship I 0/6/3

Prerequisite: Admission to Teacher Education; provisionally certified students only; Application for field experience required prior to enrollment

Students will be in a full-time, supervised, and directed classroom setting.

MGED 4288 Teaching Internship II 0/6/3

Prerequisite: Admission to Teacher Education; provisionally certified students only; Application for field experience required prior to enrollment; Co-requisite: Taken concurrently with MGED 4289

Students will be in a full-time, supervised, and directed classroom setting.

MGED 4289 Internship Seminar 3/0/3

Prerequisite: Admission to Teacher Education; Taken concurrently with MGED 4286 or MGED 4288.

An introduction to issues, topics, materials, and skills appropriate to the teaching experience. This course is designed to be concurrent with the student teaching internship. The course should augment the classroom experience of students through case studies, projects, and seminars which include both university and other resource persons.

P-12 EDUCATION COURSES (PTED)**PTED 4239 Methods in Foreign Languages (P-12) 2/2/3**

Prerequisite: Admission to Teacher Education

This course is designed to acquaint students with basic elements of second language acquisition, culture, and teaching strategies. Students will plan and implement effective foreign language instruction. Application for field experience required prior to enrollment.

PTED 4240 Applied Linguistics for Teachers of English as a Second Language 3/0/3

Prerequisite: Admission to Teacher Education

This course is designed for undergraduate students who desire an introduction to the topic of applied linguistics and second language acquisition in order to enhance their teaching English as a second language.

PTED 4241 Methods of Teaching ESOL 3/0/3

Prerequisite: Admission to Teacher Education

This course includes an examination of approaches, methods, and techniques for teaching English as a second language. Participants will demonstrate teaching strategies; develop lesson and unit planning skills; evaluate materials, textbooks, and resources available in the field; and examine issues in testing students of limited English proficiency for placement, diagnosis, exit, and evaluation.

PTED 4242 Culture and Education 3/0/3

Prerequisite: Admission to Teacher Education

Students will examine issues relating to cultural pluralism and global perspectives and to the equitable education of culturally and linguistically diverse student populations. Topics will include the theoretical foundations of multicultural education and the importance of cross-cultural communication. Students will also examine, evaluate, and develop curricular materials for culturally and linguistically diverse populations.

PTED 4271 Curriculum (P-12) 3/0/3

Prerequisite: Admission to Teacher Education

To operate successfully in a contemporary P-12 classroom, students will reflect on trends and issues in curriculum and will gain knowledge and skills needed in curricular decision making; in designing, implementing, and evaluating instruction; and in developing, selecting, and utilizing appropriate instructional materials.

PTED 4285 Special Topics 3/0/3

Prerequisite: Admission to Teacher Education

Titles and descriptions of specific courses to be inserted at time of offering. May be repeated for credit.

PTED 4286, 4287, 4288 Teaching Internship var. 3-9

Prerequisite: Admission to Teacher Education

Teaching one semester in the public schools at the P-12 level under supervision of an experienced, qualified classroom teacher. Seminars are scheduled as an integral part of the student teaching experience. Taken concurrently with PTED 4289. Application for field experience required prior to enrollment.

PTED 4289 Teaching Internship Seminar 3/0/3

Prerequisite: Admission to Teacher Education

An introduction to issues, topics, materials, and skills appropriate to the teaching experience. This course is designed to be concurrent with student teaching internship. The course should augment the classroom experiences of students through case studies, projects, and seminars, which include both University and other resource persons.

READING COURSES (READ)

READ 3251 Children's Literature 2/2/3

Prerequisite: Admission to Teacher Education

A survey of the past and current literature available for use with the young child as well as the role literature should play in early literacy development. Field placement is required.

READ 3262 Teaching Content and Process: Reading Education 2/2/3

Prerequisite: Admission to Teacher Education

An introduction to skills, approaches, materials, and methods of reading instruction. Field experience required.

- READ 3263 Teaching Content and Process:
Integrated Literacy Education and Process Writing** 3/0/3
Prerequisites: Admission to Teacher Education. Must be taken concurrently with ECED 4251, ECED 4284, and READ 4231, or with Advisor approval.
A study of language acquisition and the development of the language arts curriculum with an emphasis on reading-writing connections.
- READ 4251 Assessment and Correction Reading Education** 2/2/3
Prerequisite: Admission to Teacher Education
The course will provide undergraduate students with knowledge and skills to administer informal assessments to determine children's strengths and weaknesses in reading. Students will be able to analyze test results and prescribe reading strategies to help children advance through the reading process. Field experience required.
- READ 4252 Literature In The Middle School** 2/2/3
Prerequisite: Admission to Teacher Education. Taken concurrently with MGED 4261 and MGED 4264.
This course will address the principles and techniques of planning and teaching with attention to diagnosis and evaluation techniques to be used with middle grade learners. Students will plan lessons and units of study for middle level learners. This course requires a field experience component in area middle schools.
- READ 4253 The Reading Writing Connection** 3/0/3
Prerequisite: Admission to Teacher Education
An analysis of the ways in which the language and literacy areas of reading and writing are combined to create and develop literacy and developing learners.
- READ 4285 Special Topics** 3/0/3
Prerequisite: Admission to Teacher Education
Titles and descriptions of specific courses to be inserted at time of offering.
May be repeated for credit.

SECONDARY EDUCATION COURSES (SEED)

- SEED 2271 Introduction to Secondary Education** 2/2/3
Prerequisite: 2.5 cumulative GPA
An introduction to secondary-level education with an emphasis on the historical, philosophical, and organizational perspective identified with effective programs developed for students in grades 7-12. The course will also focus on the roles of educators, parents, and community in serving adolescents. Field experience in a public school is required. Application for field experience placement is required prior to enrollment.
- SEED 4238 Instructional Strategies for
Secondary English Education** 3/2/4
Prerequisite: Admission to Teacher Education
Designed for the student to develop skills in teaching and in planning instruction in English language arts for students, grades 7-12. This course includes a field experience at the secondary level. Application for field experience placement is required prior to enrollment.

- SEED 4240 Instructional Strategies for Secondary Mathematics Education** **3/2/4**
 Prerequisite: Admission to Teacher Education
 This course is designed for the student to develop skills in teaching and in planning instruction in mathematics for students in grades 7-12. Application for field experience required prior to enrollment. This course includes a field experience at the secondary level.
- SEED 4242 Instructional Strategies for Secondary Science Education** **3/2/4**
 Prerequisite: Admission to Teacher Education
 This course is designed to introduce pre-service students to the creative and integrative processes of science and science instruction by focusing attention on problem solving, discovering, and exploring. This course will present various instructional methods that are designed to enhance learning. We will investigate current science education theories and practices. This course will also explore the science curricula and various resources. An additional focus of this course is to help the student develop an effective science teaching style. Application for field experience required prior to enrollment. This course includes a field experience at the secondary level.
- SEED 4243 Instructional Strategies for Secondary Social Studies Education** **3/2/4**
 Prerequisite: Admission to Teacher Education
 This course is designed for investigation and assessment of current trends and research in the teaching of social sciences with implications for strategies and curricular needs at the secondary level. Application for field experience required prior to enrollment. This course includes a field experience at the secondary level.
- SEED 4271 Understanding the Secondary School Curriculum through Integrative Technology** **2/2/3**
 Prerequisite: Admission to Teacher Education
 Students will reflect on trends and issues in curriculum, gain knowledge and skills needed in curricular decision making and in developing, selecting, and utilizing appropriate instructional materials including methods and strategies for applying technology. These strategies are designed to maximize student learning, assess student growth, as well as support professional communication and productivity. Application for field experience required prior to enrollment. This course includes a field experience at the secondary level.
- SEED 4285 Special Topics in Education** **3/0/3**
 Prerequisite: Admission to Teacher Education
 Titles and descriptions of specific courses to be inserted at time of offering. May be repeated for credit.
- SEED 4286 Teaching Internship** **0/18/9**
 Prerequisite: Admission to Teacher Education; Application for field experience required prior to enrollment; Co-requisite: Taken concurrently with SEED 4289
 Teaching one semester in the public schools at the secondary level under the supervision of an experienced, qualified classroom teacher. Seminars are scheduled as an integral part of the student teaching experience.

SEED 4287 Teaching Internship I**0/6/3**

Prerequisite: Admission to Teacher Education; Application for field experience required prior to enrollment; Provisionally certified students only

Teaching one semester in the public schools at the secondary level under the supervision of an experienced, qualified classroom teacher. Seminars are scheduled as an integral part of the student teaching experience.

SEED 4288 Teaching Internship II**0/6/3**

Prerequisite: Admission to Teacher Education; Application for field experience required prior to enrollment; Provisionally certified students only; Taken concurrently with SEED 4289

Teaching one semester in the public schools at the secondary level under the supervision of an experienced, qualified classroom teacher. Seminars are scheduled as an integral part of the student teaching experience.

SEED 4289 Teaching Internship Seminar**3/0/3**

Prerequisite: Admission to Teacher Education; must be taken concurrently with SEED 4286 or 4288.

This course is designed to engage interns in a critical reflection of issues, topics, materials, and skills appropriate to their professional development and teaching experience during their internship. The course will also serve as a capstone experience for satisfying exit requirements of the program.

DEPARTMENT OF MEDIA AND INSTRUCTIONAL TECHNOLOGY

Ed. Annex 138 • 678-839-6558

<http://coe.westga.edu/mit/>

Professors, E. Bennett, D. Putney; **Associate Professor**, D.M. Baylen; **Assistant Professor**, M. Bray, C. Goldberg, L. Haynes, J. Huett, P. Snipes; **Instructor**, K. Huett, D. Jones-Owens, M. Sethna

MEDIA COURSES (MEDT)

MEDT 2401 Introduction to Instructional Technology**3/0/3**

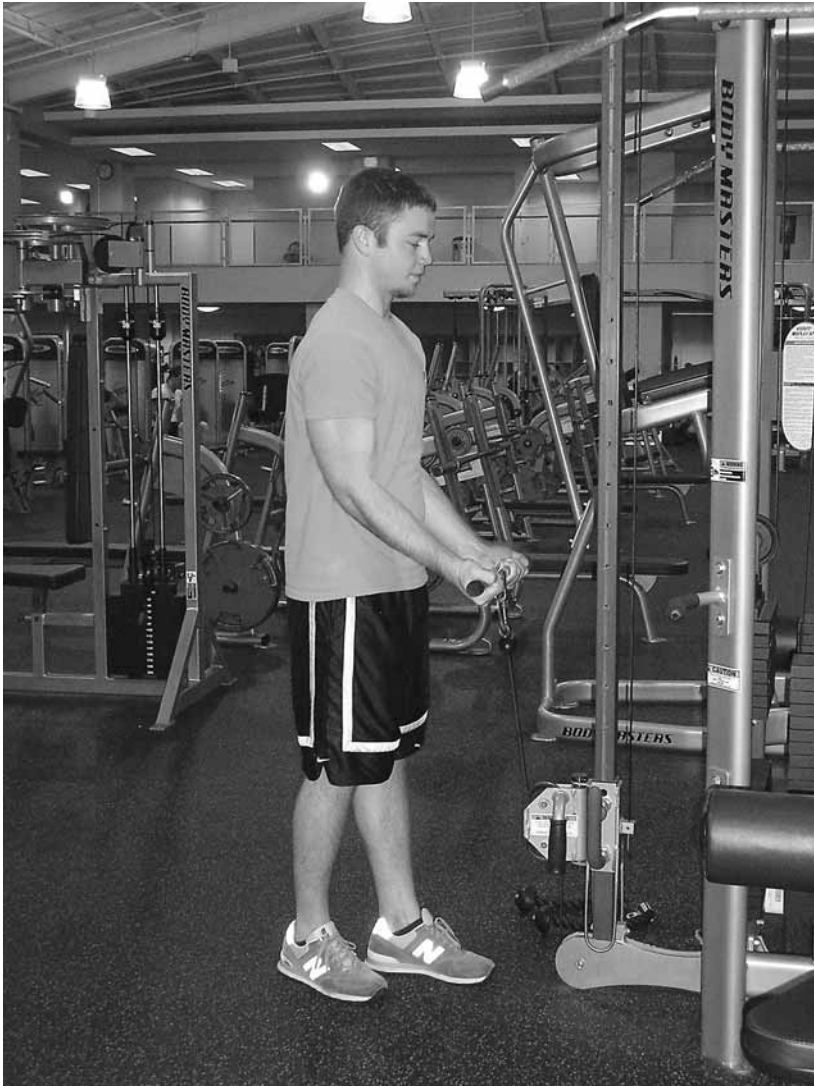
Prerequisite: 2.5 GPA

An introduction to basic instructional technology theories, computer utilization, and selected instructional technologies. Selection and utilization of technology resources will also be addressed.

MEDT 3401 Integrating Technology into the Curriculum**3/0/3**

Prerequisites: MEDT 2401 or equivalent; Admission to Teacher Education, and a minimum of 9 hours of upper level major courses.

Hands-on technology integration techniques are provided, scaffolding from the student's basic computer skills to foster skills in five interrelated areas of instructional proficiency: (1) Georgia's Performance Standards for Curriculum, (2) integration of modern and emerging technologies into instructional practice, (3) classroom management in classrooms, computer labs, and 21st century learning environments, (4) new designs for teaching and learning, and (5) enhanced pedagogical practices. Satisfies the Georgia Special Technology Requirement.



DEPARTMENT OF HEALTH, PHYSICAL EDUCATION, AND SPORTS STUDIES

Row Hall 123A • 678-839-6530

<http://coe.westga.edu/per/>

Professor, L. Gaskin; **Assistant Professors**, R. Abbott, F. Butts, L.M. Hatfield, B. Heidorn, J. Johnson, C. Mowling; **Instructors**, P. Anderson, E. Butts, D. Fields, L.C. Hatfield, J. Koch, M. Smith, B. Stewart

The Department of Health, Physical Education, and Sports Studies offers two degree programs. The teacher education program, designed to prepare students to teach health and physical education in grades K-12, integrates theoretical constructs with practical experiences to develop knowledge, skills, and attitudes essential for effective teaching. The recreation program provides opportunities for students to pursue a sport management option that prepares students to work in a variety of positions related to sport and arena settings. The curriculum integrates theoretical constructs and knowledge with practical experiences to prepare students to work effectively and conduct programs in a variety of agencies.

B.S. in Education Degree with a Major in Physical Education

Prior to entering the physical education major program, students at UWG must have (1) completed the 3-hour physical education requirement at UWG or (2) satisfied the physical education requirement at another institution to include at least 2 hours in health or health and wellness.

	Hours
Core Areas A, B, C, D, E (see pages 128-134)	42
Core Area F	18
PHED 2602	2
PHED 2603	3
PHED 2604	3
PHED 2628	1
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
Courses Required for the Degree	64
Foundations Block (Fall Junior Year)	16
PHED 3500 Educ. Games, Gymnastics, Dance	2
PHED 3501 Skills & Strategies in Strength/ Cond	2
PHED 3625 Motor Behavior	3
PHED 3670 Instructional Strategies of Health/ PE	3
PHED 4500 Personal & Community Health Issues	3
CEPD 4101 Educational Psychology	3
Elementary Block (Spring Junior Year)	16
PHED 3503 Skills & Strategies Net/Wall Games	2
PHED 3671 Physical Education in Elem Schools	4
PHED 4501 Contemporary Health Issues	3
PHED 4603 Applied Exercise Physiology	3
PHED 3720 Adapted Phys Education Field Exp	1
SPED 3715 Inclusive Classroom	3

Summer Senior Year (Fall Senior Year)		3
PHED 3401 Integrating Tech Into Health/ PE	3	
Secondary Block (Fall Senior Year)		17
PHED 3502 Skills & Strategies Target/ Out Activ	2	
PHED 3504 Skills & Strategies Invasion Games	2	
PHED 3710 Assessing Performance in Health/PE	3	
PHED 3675 Physical Educ in Middle/ Sec Schools	4	
PHED 4502 School Health Education	3	
PHED 4605 Applied Biomechanics	3	
Internship Block (Spring Senior Year)		12
PHED 4686 Teaching Internship	9	
PHED 4689 Teaching Internship Seminar	3	
TOTAL		128
Physical Education Requirement		3
1. PWLA 1600	2	
2. PWLA (Any one hour activity course)	1	

**Requires admission to Teacher Education and a grade of "C" or better*

B.S. Degree in Recreation

Students entering the recreation program to complete the sport management option must have (1) completed the 3-hour physical education requirement at UWG or (2) satisfied the physical education requirement at another institution to include at least 2 hours in health or health and wellness.

Sport Management Option

The University of West Georgia Sport Management program is designed to serve society by developing responsible leaders for the world of sport business. It is our goal to be recognized for our:

- **action-oriented curriculum** in which the students learn by practicing and performing those tasks they will be expected to do in their professional positions;
- **student-centered teaching** that is the product of the faculty's commitment to the holistic development of our students;
- **market-driven instruction** that is cutting edge and ensures that the knowledge bases, skills, and competencies we seek to instill in our students are those that are demanded by industry employers;
- **managerially relevant research** that is designed to improve decision making and assists in overcoming organizational challenges;
- **mutually beneficial partnerships** with sport properties that are developed to further solidify the bond between industry and the University.

Recognizing that the sport industry is ever-changing, we are committed to being sensitive to those dynamics that could affect the relevance of our instruction. In summary, the faculty is committed to the advancement of knowledge and practice in the sport industry through the creation and delivery of relevant educational programs, conducting and disseminating research, and working collaboratively with industry organizations.

Hours

Core Areas A, B, C, D, E (see pages 128-134)

42

Core Area F		18
1. CISM 2201	3	
2. SPMG 2600	3	
3. Approved Electives (1000-2000 level)	12	
Courses Required for the Degree		
I. Professional Content <i>(Requires admission to Sport Management)</i> SPMG 3660, SPMG 3661*, SPMG 3662, SPMG 3663, SPMG 3664, SPMG 3665*, SPMG 4665, SPMG 4667, SPMG 4680, SPMG 4584, SPMG 4686		42
II. Related Content – University approved minor See College of Ed advisor for recommendations		15-18
III. Approved Electives		0-3
TOTAL	120	
Physical Education Requirement PWLA 1600 PWLA (any one-hour activity course)		3

**May be taken with permission of instructor and overall GPA of at least 2.5*

Sport Management Admission and Retention Requirements

In order to be admitted to the Sport Management program, students must meet the following criteria:

Current UWG Students

- Minimum overall GPA of 2.5.
- Successful completion of Areas A-E.
- Successful completion of 15 of the 18 hours in Area F. This includes SPMG 2600 that must be passed with a grade of C or better.
- Successful completion of the Regents Reading and Writing Exams.

Transfer Students

- Transfer students will be admitted to the Sport Management program once they have met the criteria for current UWG students.
- Transfer students who lack up to two courses in Areas A-E may take SPMG 2600 Introduction to Sport Management concurrently with SPMG 3661 Sociology of Sport and SPMG 3665 Communication in Sport during their first semester at UWG in addition to the one or two courses they lack in Areas A-E.

Applications deadlines and procedures are available on the department website.

I. Areas A through E

Students must complete all of the Area A-E requirements prior to taking courses from the professional content area. Transfer students who lack up to two courses in Areas A-E may take specified courses concurrently during their first semester of enrollment at UWG.

II. Area F

Students must complete at least 15 of the 18 hours required in Area F prior to taking professional content courses. This includes SPMG 2600 Introduction to Sport Management that must be passed with a grade of C or better.

III. Professional Content Courses

- a. Students must have a minimum overall GPA of 2.5 in order to enroll in any professional content courses.
- b. Students must complete all professional content courses with a grade of C or better.
- c. Students must maintain a minimum overall GPA of 2.5 while in the junior and senior years.
- d. In order to enroll in the internship and graduate from the program, students must have a minimum overall GPA of 2.5.
- e. In order to enroll in the internship, students are expected to have completed all other professional courses (professional content and related content). Under exceptional circumstances (death of a family member, major illness, etc.), a student may be granted a one course exception.
- f. In order to graduate, students must complete the internship with a C grade or higher and meet all other requirements.
- g. Students may appeal admission, retention, and application to intern decisions through the College of Education appeals committee.

IV. Related Content

Students should work cooperatively with their academic advisor to select a university approved minor to complete the program. Students must declare their minor and be advised regarding that minor by an advisor from the college where the minor is housed. Recommended minors include accounting, business administration, creative writing, economics, English, finance, management, marketing, mass communications, pre-law, psychology, and sociology.

HEALTH, PHYSICAL EDUCATION, AND SPORTS STUDIES COURSES

PHED 2602 Introduction to Teaching Health and Physical Education 1/2/2

Prerequisite: 2.5 GPA required

This course introduces students to the teaching of health and physical education with emphasis on the social, historical, and philosophical bases and the context for education in these fields. The students explore the roles and responsibilities of the teacher, including legal, ethical, and effective practice. Field experience involves observing health and physical education classes in the public schools.

PHED 2603 Human Anatomy and Physiology I

3/0/3

Prerequisite: For education majors only

This course focuses on descriptive human anatomy and physiology with an emphasis on the skeletal, muscular, and nervous systems of the human body. The course provides in-depth analysis of the major bones, muscles, and nerves used in a variety of movement activities.

PHED 2604 Human Anatomy and Physiology II 3/0/3

Prerequisite: For physical education majors only

This course focuses on descriptive human anatomy and physiology with an emphasis on the cardiovascular, respiratory, digestive, and endocrine systems of the human body. The course provides in-depth analysis of the processes of respiration, heart function, breakdown and absorption of nutrients, and the integration of these processes within the human body.

PHED 2628 First Aid and CPR for Education Majors 1/0/1

For Education majors only. Students will gain the knowledge and skills necessary to respond in an emergency to help sustain life, reduce pain, and minimize the consequences of injury or sudden illness until professional medical help arrives. Specific school-based situations relating to child injuries and emergencies will be addressed. Certification in CPR and First Aid is awarded upon successful completion of the course. Students must make a grade of C or higher in order to use the course in Area F. **Note:** This course is to be used in Area F, and students may not take both PHED 2628 and PWLA 1643 for credit toward graduation.

PHED 2685 Special Topics in Physical Education var. 1-3

Prerequisite: Approval of Department Chair

Titles and descriptions of specific course will be specified at time of offering. May be repeated for credit.

PHED 3401 Integrating Technology into Health & Physical Education 3/0/3

Prerequisite: MEDT 2401 or equivalent, admission to Teacher Education, and a minimum of 9 hours of upper education course work.

This course concentrates on ways to integrate technology into the health and physical education curriculum. Students will utilize the latest in technology to enhance instruction in the gym. Students will build on their basic computer skills and develop instructional proficiency in the following areas: (1) Georgia's Performance Standards for Curriculum, (2) Integration of Modern and Emerging Technologies into Instructional Practice, (3) Classroom Management in the classroom and the gymnasium, (4) New Designs for Teaching and Learning, and (5) Enhanced Pedagogical Practices.

This course satisfies the Georgia Special Technology Requirement in UWG's physical education program. Laboratory experiences will be included in this course.

PHED 3500 Educational Games, Gymnastics, and Dance 0/4/2

Prerequisite: Admission to Teacher Education

This course focuses on the developmental stages of selected motor patterns fundamental to educational games, gymnastics, and dance. Students develop and practice the skill theme approach to teaching fundamental movement patterns to elementary and middle school students. Students also develop observation and analysis skills for diagnosing children's motor patterns.

PHED 3501 Skills and Strategies in Strength and Conditioning 0/4/2

Prerequisite: Admission to Teacher Education

This course increases students' knowledge, skills, and strategies related to strength and conditioning including weight training, cardiovascular endurance, health-related fitness, performance-related fitness, and flexibility. Focus is on skill development in order to provide K-12 students with accurate information, demonstrations, and performance analysis.

PHED 3502 Skills and Strategies in Target and Outdoor Activities 0/4/2

Prerequisite: Admission to Teacher Education

This course increases students' knowledge, skills, and strategies in target and outdoor activities including golf, track and field, orienteering, and softball. Focus is on skill development in order to provide K-12 students with accurate information, demonstrations, and performance analysis.

PHED 3503 Skills and Strategies in Net and Wall Games 0/4/2

Prerequisite: Admission to Teacher Education

This course increases students' knowledge, skills, and strategies in net and wall games including badminton, pickle ball, tennis, and volleyball. Focus is on skill development in order to provide K-12 students with accurate information, demonstrations, and performance analysis.

PHED 3504 Skills and Strategies in Invasion Games 0/4/2

Prerequisite: Admission to Teacher Education

This course increases students' knowledge, skills, and strategies in invasion games including basketball, flag football, soccer, team handball, and ultimate Frisbee. Focus is on skill development in order to provide K-12 students with accurate information, demonstrations, and performance analysis.

PHED 3601 Movement Analysis I 0/6/3

Prerequisite: Admission to Teacher Education

This course addresses the teaching and analysis of skills associated with team sports, racquet sports/net games, and track and field. Students learn to teach, analyze, and assess skilled performance based on the learner's current skill level and developmental readiness.

PHED 3608 Lifetime Health Concerns 3/0/3

Prerequisite: Admission to Teacher Education

Examination of contemporary health issues across the lifespan with regard to selected health topics; health care systems and delivery; and the impact of demographics, behavior, and environment on personal, community, and national health status.

PHED 3618 Health Education: P-5 3/0/3

Prerequisite: Admission to Teacher Education, PHED 3608

Curriculum development and planning for teaching and evaluating P-5 health education. Focus on constructing and implementing developmentally appropriate experiences that encourage personal and community responsibility.

PHED 3625 Motor Behavior 3/0/3

Prerequisite: Admission to Teacher Education; PHED 2603 and PHED 2604 or equivalent

This course focuses on the growth and development of the human being and the interaction of growth and development on human motor performance. Students examine the impact of motor development and motor learning, neuromuscular function, and information processing on motor skill acquisition and make applications to teaching physical education. The course provides students with foundation knowledge concerning the development and acquisition of motor skills from birth to advanced age, with emphasis on P-12 children.

PHED 3630 Coaching Methods: Baseball/Softball**2/0/2**

This course is designed to provide students with basic information about coaching baseball and softball. Emphasis will be placed on planning and organizing for practice and competition, selecting appropriate drills, teaching and analyzing fundamental skills, evaluating performance, and understanding the basic offensive and defensive strategies.

PHED 3631 Coaching Methods: Basketball**2/0/2**

This course is designed to provide students with basic information about coaching the sport of basketball. Emphasis will be placed on planning and organizing for practice and competition, selecting appropriate drills, teaching and analyzing fundamental skills, evaluating performance, and understanding the basic offensive and defensive strategies.

PHED 3632 Coaching Methods: Football**2/0/2**

This course is designed to provide students with basic information about coaching football. Emphasis will be placed on planning and organizing for practice and competition, selecting appropriate drills, teaching and analyzing fundamental skills, evaluating performance, and understanding the basic offensive and defensive strategies.

PHED 3633 Coaching Methods: Soccer**2/0/2**

This course is designed to provide students with basic information about coaching soccer. Emphasis will be placed on planning and organizing for practice and competition, selecting appropriate drills, teaching and analyzing fundamental skills, evaluating performance, and understanding the basic offensive and defensive strategies.

PHED 3634 Coaching Methods: Volleyball**2/0/2**

This course is designed to provide students with basic information about coaching volleyball. Emphasis will be placed on planning and organizing for practice and competition, selecting appropriate drills, teaching and analyzing fundamental skills, evaluating performance, and understanding the basic offensive and defensive strategies.

PHED 3640 History of Sport**3/0/3**

This course provides a review of historical facts pertaining to the origin and development of games and sports, and the rationale for the support of these sports in America. The relationship of sport to social, economic, and political eras in this country, and the contributions for sport organizations and significant individuals in sport will be recognized.

PHED 3641 Psychology of Sport**3/0/3**

This course provides an overview of the psychological theories and principles explaining human behavior in sport, with an emphasis on applying those theories and principles to diverse sport settings.

PHED 3670 Instructional Strategies of Health and Physical Education **2/3/3**

Prerequisite: Admission to Teacher Education

This course provides students with the basic pedagogical skills and knowledge related to teaching health and physical education in K-12 settings. The course includes a study of management and instructional strategies appropriate for health and physical education. Students develop and build teaching skills through observations and practicing effective teaching behaviors through peer teaching.

PHED 3671 Physical Education in Elementary Schools 3/3/4

Prerequisite: Admission to Teacher Education; PHED 3670

This course develops pedagogical skills and knowledge related to teaching physical education to children (K-5). The course develops an understanding of the characteristics and needs of children, developmentally appropriate curriculum content in elementary school physical education, and effective teaching skills for elementary school education. The course provides observation experiences in both the classroom and gymnasium and requires students to plan, teach, and evaluate physical education lessons.

PHED 3675 Physical Education in Middle and Secondary Schools 3/3/4

Prerequisite: Admission to Teacher Education; PHED 3671

This course develops pedagogical skills and knowledge related to teaching physical education to middle and secondary school students. The course develops an understanding of the characteristics and needs of middle and secondary students, developmentally appropriate curriculum content in middle and secondary school physical education, and effective teaching skills for middle and secondary school physical education. The course provides opportunities to observe in both the gymnasium and outdoor environments, and to plan, teach, and evaluate physical education lessons.

PHED 3676 Elementary Physical Education Field Experience 0/6/2

Co-requisite: PHED 3671 and admission to Teacher Education

Students will gain practical teaching experience in an elementary public school under the supervision of a qualified teacher and university supervisor.

PHED 3677 P-5 Health Education Field Experience 0/6/2

Co-requisite: PHED 3618 and admission to Teacher Education

Students will gain practical teaching experience in an elementary public school under the supervision of a qualified teacher and university supervisor.

PHED 3678 Middle/Secondary Physical Education Field Experience 0/6/2

Co-requisite: PHED 3675 and admission to Teacher Education

Students will gain practical teaching experience in middle and secondary public schools under the supervision of a qualified teacher and university supervisor.

PHED 3710 Assessing Performance in Health and Physical Education 3/0/3

Prerequisite: Admission to Teacher Education; PHED 3671

This course emphasizes accountability and the assessment of teaching, learning, and performance using formative and summative evaluation procedures. Topics include selection and use of appropriate instruments and tests, and assessments of the cognitive, psychomotor, and affective domains in health and physical education.

PHED 3720 Adapted Physical Education Field Experience 0/3/1

Prerequisite: Admission to Teacher Education; Co-requisite: SPED 3715

This course provides practical field experiences in public school and community settings. Students observe and apply knowledge gained for adapting physical activities while working with exceptional children and youth in inclusive and adapted physical education settings and with special programs and events. Students gain an awareness of and appreciation for the challenges faced by exceptional individuals and their families.

PHED 4500 Personal and Community Health Issues 2/3/3

Prerequisite: Admission to Teacher Education

This course focuses on the behavioral, social, economic and community factors that influence health. Students examine the influences of the family, school, and culture on a child's health and well-being. Emphasis is on current family health issues, relationships, communication, safety, consumer health, social-emotional needs, and gender issues. The course includes teaching strategies, directed field observation, and peer teaching.

PHED 4501 Contemporary Health Issues 2/3/3

Prerequisite: Admission to Teacher Education; PHED 4500

This course focuses on current issues in disease prevention and health promotion. Topics include health-related fitness; obesity, nutrition, and dieting; chronic and communicable diseases (i.e., diabetes, cardiovascular disease, etc.); and environmental health. This course includes teaching strategies, directed field observation, and practical teaching experience in school and/or community settings.

PHED 4502 School Health Education 2/3/3

Prerequisite: Admission to Teacher Education; PHED 4501

This course focuses on current school health education topics. Topics include alcohol, tobacco, and drug education; human sexuality; HIV/AIDS; sexually transmitted infections; and school violence. The focus is on qualities of effective curricula, content standards, instructional strategies, and lesson and unit plan preparation for classroom-based instruction. Students observe, develop, and implement developmentally appropriate instructional strategies in public schools and in other community group settings.

PHED 4601 Movement Analysis II 0/6/3

Prerequisite: Admission to Teacher Education

This course addresses the development and analysis of skills in a variety of activities. Students will gain an understanding of the appropriate teaching strategies and modes of assessment that should be utilized with the various activities.

PHED 4603 Applied Exercise Physiology 2/2/3

Prerequisite: Admission to Teacher Education; PHED 2604 or equivalent

This class focuses on the physiological responses and adaptations of the human body during exercise. An in-depth analysis of the responses of the respiratory and circulatory systems to exercise is a major focus. Applied activities include data collection and analysis of a variety of physiological processes related to exercise.

PHED 4605 Applied Biomechanics 2/2/3

Prerequisite: Admission to Teacher Education; PHED 2603

This course applies the core concepts of anatomy and mechanical physics to human motion. Kinematic (distance, speed, acceleration) and kinetic (force, momentum, torque) concepts related to motion along a straight line (linear motion) and around an axis of rotation (angular motion) are major themes of this course. The student will apply these concepts in analyzing exercise and sport skills. Applied activities engage students with fundamental concepts and principles of biomechanics that are essential to effective movement analysis.

PHED 4608 Health Education: 6-12 3/0/3

Prerequisite: PHED 3618 and admission to Teacher Education

Curriculum development and planning for teaching and evaluating 6-12 health education. Focus on constructing and implementing developmentally appropriate experiences that encourage personal and community responsibility.

PHED 4625 Management in Health, Physical Education and Sport 2/0/2

This course addresses the important aspects of planning, organizing, directing, and evaluating school health, physical education, and sport programs.

PHED 4630 Foundations And Principles Of Coaching 3/0/3

This course provides the foundations and principles for coaching in athletics. Topics include individual differences in athletics, motivational and psychological dimensions of athletes, sport as a social phenomenon, factors affecting performance, physiological principles, coaching philosophy and styles, ethics in coaching, and working with parent, booster, and community groups.

PHED 4631 Prevention And Care Of Athletic Injuries 3/0/3

This course is designed to provide an overview of the field of athletic training with emphasis on basic fundamentals utilized by the athletic trainer-coach-teacher in daily prevention, recognition, care, treatment, and rehabilitation of athletic injuries that occur on the athletic field, on the school playground, in recreational sports, and in the home.

PHED 4632 Administration of Athletic Programs 3/0/3

This course provides a critical analysis of current issues that confront directors of athletics or athletic administrators in schools and colleges in the administration of athletics with special reference to national, state, and local control. Special emphasis is given to case scenarios which will provide the opportunity to think critically about strategies that may be employed to solve contemporary athletic administration concerns.

PHED 4633 Coaching Practicum

The coaching practicum is designed to provide the student with an in-the-field coaching experience in which the student can, in a supervised situation, develop, test, and modify her or his coaching knowledge, skills, and attitudes. The primary objective is to provide the student with a realistic coaching experience at a level and in a setting similar to that in which employment may be obtained. This course may be repeated in a different coaching experience.

PHED 4635 Sport for Children and Youth 3/0/3

This course provides a theoretical and applied basis for planning and conducting sport experiences for children and youth to fit their physiological, cognitive, and emotional development growth stages.

PHED 4650 Health and Physical Activity in Elementary School 2/0/2

Prerequisite: Admission to Teacher Education; PWLA 1600

This course provides students with the knowledge and skills necessary for teaching health and integrating physical activity in the elementary school curriculum. This course is designed for early childhood education majors.

- PHED 4660 Critical Issues in Health and Physical Education** 3/0/3
Prerequisite: PHED 4679
Opportunities for students to identify and analyze critical issues in health, physical education, and sport through discussion, investigation, practical experience, and research will be provided.
- PHED 4667 Foundations of Nutrition** 3/0/3
Knowledge and application of nutritional information to assist school personnel who teach children about components of a sound diet.
- PHED 4670 Movement for Children in Physical Education and Sport** 3/0/3
Study of philosophy, theory, content, and teaching techniques of movement for children in elementary school and youth sport settings.
- PHED 4677 6-12 Health Education Field Experience** 0/6/2
Co-requisite: PHED 4608 and admission to Teacher Education
Students will gain practical teaching experience in middle and secondary public schools under the supervision of a qualified teacher and university supervisor.
- PHED 4680 Physical Education for Students with Disabilities** 3/0/3
Prerequisite: PHED 3625 and admission to Teacher Education
Study of various physical and mental disabilities in school-age children as they relate to motor development and perceptual abilities in the physical education setting. Planning for involvement in several clinical experiences.
- PHED 4681 Independent Study** var. 1-3
Prerequisite: Approval of Department Chair
This course is an independent study or project. The topic, content, and criteria are to be determined by the student in conjunction with the faculty advisor.
- PHED 4685 Special Topics in Physical Education** var. 1-3
Prerequisite: Approval of Department Chair
To be taken on an individual basis depending on unique circumstances of student.
- PHED 4686 Teaching Internship** 0/27/9
Prerequisite: Completed all other professional courses with a grade of C or better; Co-requisite: PHED 4689
Practical teaching experience in a public school under the supervision of a qualified teacher. Application for field experience required prior to enrollment.
- PHED 4687 Teaching Internship** 0/6/3
Prerequisite: Completed all other professional courses with a grade of C or better. Co-requisite: PHED 4689
Practical teaching experience in a public school under the supervision of a qualified teacher. Application for field experience required prior to enrollment.

PHED 4688 Teaching Internship**0/6/3**

Prerequisite: Completed all other professional courses and admission to Teacher Education

Practical teaching experience in a public school under the supervision of a qualified teacher. Application for field experience required prior to enrollment.

PHED 4689 Teaching Internship Seminar**3/0/3**

Prerequisite: Completed all other professional courses with a grade of C or better; Co-requisite: PHED 4686

This seminar develops heightened professionalism through seminars and reflection focused on issues, topics, skills, materials, and technology appropriate to the teaching experience. This seminar is taken concurrently with the teaching internship.

ACTIVITY COURSES

(These courses cannot be used as general academic electives.)

PWLA 1600 Personal Wellness**2/0/2**

Introduction to the major dimensions of wellness with emphasis on behavioral and environmental factors influencing levels of personal and community health. Examination of concepts related to a variety of health topics, including fitness, nutrition, weight management, stress/stress management, suicide, human sexuality, communicable diseases, and alcohol and other drug use. Emphasis is on decision-making and personal responsibility for lifelong wellness.

PWLA 1601 Aerobics: Dance**0/2/1**

A vigorous activity designed to improve muscle tone and heart-blood-lung system through a well-planned program of aerobic dance.

PWLA 1602 Aerobics: Step**0/2/1**

Designed to teach students the proper technique for step aerobics as well as introduce them to a new form of lifetime aerobic activity utilizing steps.

PWLA 1603 Aerobics: Water**0/2/1**

This course is designed to prepare the student to experience all phases of exercise (warm-up, flexibility, aerobic activity, and toning) in a swimming pool. Water aerobics will be fully developed through these four phases enabling the student to become as fit as they desire. Health-related components of physical fitness, advantages and benefits of water aerobics, and nutrition and weight control will be discussed.

PWLA 1615 Badminton: Beginning**0/2/1**

This class is designed to introduce the student to the strategies and skills of beginning badminton. Fundamentals such as grips, positioning, underhand strokes, overhead strokes, and tournament play in singles and doubles will be taught.

- PWLA 1616 Badminton: Intermediate** 0/2/1
Prerequisite: PWLA 1615 or approval of instructor
This class is a continuation of the beginning badminton course with a review of the skills presented at the beginner level. Focus is placed on advanced strokes, i.e. round-the head, flick, push shot, etc., and strategy of tournament play.
- PWLA 1618 Basketball** 0/2/1
This course is designed to provide an in-depth overview of the fundamental skills, rules, safety issues, and strategies related to basketball.
- PWLA 1625 Camping** 0/2/1
This course teaches basic camping skills such as equipment selection, camp cooking, building fires, pitching tents, compass reading, tying knots, and outdoor safety and first aid.
- PWLA 1627 Canoeing** 0/2/1
Prerequisite: Ability to swim 100 yards and sustain oneself unassisted in the water for 15 minutes
Basic canoeing skills including personal safety, entering and leaving a canoe, changing positions, basic stroke work, landings, and small craft safety.
- PWLA 1629 Cardio Kickboxing** 0/2/1
This course is designed to teach students the proper technique and fundamentals for cardio kickboxing and to introduce them to a new form of lifetime aerobic activity utilizing punches and kicks.
- PWLA 1631 Dance: Folk, Country, and Western** 0/2/1
Designed to enhance skill acquisition in the area of folk, country, and western dancing and to promote these forms of dance as lifetime recreational activities.
- PWLA 1633 Dance: Jazz** 0/2/1
Introduction to style, technique, and rhythmic structures of jazz steps with emphasis on elementary jazz steps, terminology, history, increasing movement capabilities, and personal expression.
- PWLA 1635 Dance: Line** 0/2/1
Designed to enhance skill acquisition in the area of line dancing and to promote this form of dance as a lifetime activity.
- PWLA 1637 Dance: Modern** 0/2/1
This course is designed to introduce students to the theory and practice of beginning modern dance. The history and values; basic body alignment; movement in a stationary position; body lines; feet, body, and arm positions; nonlocomotor/locomotor movements; qualities of movement; and floor patterns will be covered.
- PWLA 1639 Dance: Social** 0/2/1
Basic dance fundamentals (foot positions, posture, movement, and rhythmic awareness); leading and following; and etiquette. Includes dances such as the fox trot, waltz, tango, cha-cha, swing, Lindy, jitterbug, line dances, and current popular dances.

- PWLA 1640 Dance: Tap** 0/2/1
Basic techniques of tap dance, body placement, terminology, and elementary tap combinations with progressions from simple to complex.
- PWLA 1643 First Aid and CPR** 1/1/1
This course is designed to provide the knowledge and skills necessary in an emergency to help sustain life, reduce pain, and minimize the consequences of injury or sudden illness until professional medical help arrives. Various skills and procedures for first aid and CPR. Upon passing, the student will receive American Red Cross certification.
- PWLA 1647 Golf: Beginning** 0/2/1
Beginning skills of golf to include grip, stance, address position, chipping, pitching, full swing and putting, safety, rules, etiquette, and strategy.
- PWLA 1648 Golf: Intermediate** 0/2/1
Prerequisite: Beginning Golf or approval of instructor
Review and refinement of beginning skills, including sand trap shots, uphill, downhill and sidehill lies; swing analysis; intentional hooks and slices; rules; etiquette; and strategy.
- PWLA 1650 Beginning Judo** 0/2/1
This course provides an introduction to the philosophy and techniques of martial arts in general and to Judo in particular. Students will be exposed to a variety of basic throwing and grappling techniques and gain basic skills in those strategies.
- PWLA 1651 Intermediate Judo** 0/2/1
Prerequisite: Beginning Judo (PWLA 1650) or equivalent skill level as assessed by the instructor.
This course provides an intermediate-level overview of the philosophy and techniques of martial arts in general and of Judo in particular. Students build on basic Judo skills and achieve an intermediate level of proficiency at a variety of throwing and grappling techniques. Students also deepen their knowledge and understanding of the history and philosophy of Judo.
- PWLA 1660 Self Defense** 0/2/1
This course is an introduction to practical self-defense techniques against unarmed, armed, single, and multiple attackers.
- PWLA 1665 Skiing: Beginning Snow** 0/2/1
This course offers the student an opportunity to learn to ski in North Carolina. Basic techniques such as walking, gliding, side stepping, downhill, turns, and safety will be taught by certified ski instructors.
- PWLA 1666 Skiing: Intermediate Snow** 0/2/1
Prerequisite: Beginning Skiing or approval of instructor
This course offers the student an opportunity to learn intermediate techniques of skiing in North Carolina. Review and refinement of basic skills along with traversing, turns, and skiing on advanced slopes will be taught by certified ski instructors.

- PWLA 1667 Snowboarding** 0/2/1
This course offers the student the opportunity to learn to snowboard. Basic techniques such as walking, gliding, side stepping, downhill, turns, and safety will be taught in North Carolina by certified instructors. A fee is required for participation in this course.
- PWLA 1671 Soccer** 0/2/1
Designed to teach students the skills needed to play soccer as a lifetime sport to include dribbling, passing, shooting, trapping, defense, rules, and strategies.
- PWLA 1675 Softball** 0/2/1
Fundamental skills to include throwing, catching, fielding, pitching, batting, and base running; terminology; game play; rules; scoring; safety; and basic strategy
- PWLA 1678 Strength and Conditioning** 0/2/1
This course is an introduction to the major dimensions of resistance training, cardio-vascular exercise, and flexibility. It includes demonstration of proper weight lifting techniques and examination of concepts related to a variety of health topics, including fitness, nutrition, flexibility, and weight management. Emphasis is on cardiovascular exercise, anaerobic exercise, and personal responsibility for lifelong wellness.
- PWLA 1681 Swimming For The Non-Swimmer** 0/2/1
For students who have a fear of water and absolutely no swimming skills, but who have a desire to learn to swim. Emphasis on adjustment to water, breath control, floating, gliding, personal safety, and elementary forms of rescue, and elementary stroke work.
- PWLA 1682 Swimming: Beginning** 0/2/1
For students with no fear of the water and limited skill in specific strokes. Fundamental skills include front crawl, elementary backstroke, treading water, safety, rescue and related skills.
- PWLA 1683 Swimming: Intermediate** 0/2/1
For students who are comfortable in deep water and interested in developing stroke refinement and proper technique. Review personal safety, elementary backstroke and front crawl. Introduce sidestroke, breaststroke, and back crawl.
- PWLA 1685 Swimming: Conditioning** 0/2/1
Prerequisite: Must be able to swim either the front crawl, backstroke, breaststroke, or butterfly efficiently per instructor's approval.
A vigorous swimming activity to improve the cardiovascular system through a workout program consisting of different strokes and short and long distance swimming. The target heart rate will be used to determine each individual's progression.
- PWLA 1687 Water Safety Instruction** 0/2/1
To train instructor candidates to teach American Red Cross Swimming and Water Safety courses. Any student who passes receives a certification to teach.

- PWLA 1690 Yoga** 0/2/1
 This course is designed to teach the history and terminology of yoga. The focus for the course is to teach postures designed to open the many channels of the body, especially the main channel, the spine; to develop a balance of strength and flexibility in the physical body; and to connect the movement of the body and the fluctuations of the mind to the rhythm of breathing. The focus centers on connecting the mind, the body, and breathing. This course is designed to reach a total mind-body workout which features functional strength, flexibility, muscle balancing, and relaxation.
- PWLA 1691 Tennis: Beginning** 0/2/1
 Designed to provide fundamental skills (forehand, backhand, serve, lob, and net play) and knowledge base needed to participate in tennis as a lifetime activity.
- PWLA 1692 Tennis: Intermediate** 0/2/1
 Prerequisite: Beginning Tennis or instructor's approval
 Review and refinement of beginning skills, volley, lobs, smash, topspin serve, strategy, and tournament play.
- PWLA 1694 Ultimate Frisbee** 0/2/1
 This course is designed to teach the fundamental skills and rules of Ultimate Frisbee as well as how to play the game and how to implement basic strategies used in the game. Emphasis will be placed on skills, rules, and participation in playing the game of Ultimate Frisbee.
- PWLA 1695 Volleyball: Beginning** 0/2/1
 Fundamental skills to include passing, setting, spiking, serving, game play (rotation, substitution), rules, safety, scoring, and basic strategy.
- PWLA 1696 Volleyball: Intermediate** 0/2/1
 Prerequisite: Beginning Volleyball or approval of instructor
 This course is designed to further a student's playing ability, understanding of rules and strategy, and game play in volleyball.
- PWLA 1697 Walk/Jog** 0/2/1
 Vigorous activity designed to improve muscle tone and the cardiovascular system through a well-planned program of walking and/or jogging.
- PWLA 1698 Weight Training** 0/2/1
 Major muscle group strength training exercises designed to improve function and efficiency of the musculoskeletal system.
- PWLA 2611 Special Activities** 1/0/1
 Activities offered to accommodate student needs and interests—e.g., martial arts, roller skating, self defense, etc.
- PWLA 2651 Independent Activity** 1/0/1
 Prerequisite: Approval of department
 Available only to students with disabling conditions, medical restrictions, or similar unique situations. Available only to students with prior permission from the department.

PWLA 2685 Special Topics In Physical Education**3/0/3**

Prerequisite: Approval of department

Titles and descriptions of specific courses will be specified at time of offering.

May be repeated for credit.

SPORT MANAGEMENT COURSES*(All courses carry three credit hours unless otherwise specified)***SPMG 2600 Introduction to Sport Management**

This course provides an overview of basic knowledge areas for the successful sport manager. Fundamental sports management principles, key skills required for success, and current issues are emphasized.

SPMG 2685 Special Topics in Sport Management**var. 1-3**

Prerequisite: Approval of Department Chair

Titles and descriptions of specific courses will be specified at time of offering.

May be repeated for credit.

SPMG 3660 Managerial Ethics and Governance in Sport

Prerequisite: Admission to Sport Management

This course will examine business ethics and governance of sport organizations within the context of the managerial function. Students discuss various ethical theories, develop a framework for ethical decision-making, and have the opportunity to apply their decision-making framework to important sport industry issues. Students will also examine various governing agencies of sport and how these organizations impact managerial decision-making through policy development and implementation.

SPMG 3661 Sociology of Sport

Prerequisite: Admission to Sport Management or permission of instructor

This course provides a study of the sociological aspects of sport, athletics, and recreation in the American culture.

SPMG 3662 Management and Leadership in Sport Organizations

Prerequisite: Admission to Sport Management

This course emphasizes the management component of sport management. More specifically, the course will focus on means of improving performance within sports organizations. Several areas will be discussed to that effect, such as developing goals, making decisions, strategic planning, leadership, and human resource management.

SPMG 3663 Sport Facility and Event Management

Prerequisite: Admission to Sport Management

This course is designed to develop student understanding and competencies regarding designing, planning, and controlling of sport facilities and sport event logistics. Topics include: 1) scheduling the sport facility; 2) planning and scheduling of sports events; 3) box office management; 4) security and supervision of facility events; 5) safety and medical services; 6) housekeeping and maintenance; 7) concessions and merchandise; 8) risk management and insurance; 9) media marketing of sports events; 10) sponsorship of and hospitality at sport events; and 11) assessment of the sport event.

SPMG 3664 Economics and Finance In Sport

Prerequisite: Admission to Sport Management

This course examines traditional and innovative methods of revenue acquisition and financial management in sport organizations. In addition, it examines the broader economic impact and implications of sport in society.

SPMG 3665 Communication in Sport

Prerequisite: Admission to Sport Management or permission of instructor

This course is designed to serve as an introductory class in public and media relations for students in sport administration, including the presentation of principles, standards, and guidelines in sport public relations and information systems involved in sport information management. Information technology and its role in sport will be covered. Throughout the course the concepts of public relations within sport and leisure organizations will be examined and applied to sport.

SPMG 3670 Practicum**0/6/3**

Prerequisite: Overall GPA of at least 2.5 and completion of 9 semester hours of SPMG courses

Field experiences yield the necessity of receiving direction, undertaking responsibility, and demonstrating competence by applying theory learned from course work. The practicum allows students to complete a partial fulfillment in their degree program and will help them discover career options and confirm career choices.

SPMG 4584 Pre-Internship Seminar in Sport Management

Prerequisite: Admission to Sport Management; to be taken the semester preceding the internship or by permission of instructor.

This course is designed to prepare the student to make the transition from student to professional in Sport Management. Topics for discussion will include the following: internship selection, application materials, interviewing skills, job search, salary negotiation, and other professional issues. Mentoring during the internship search process will be provided.

SPMG 4665 Sports Marketing and Promotion

Prerequisite: Admission to Sport Management

This course is designed to provide students with a basic understanding of sports promotion and marketing. Fundamental marketing and promotional principles are emphasized as they relate to sports.

SPMG 4667 Legal Issues for Sport Management

Prerequisite: Admission to Sport Management

Examination of major legal issues in sport management. Emphasis on providing legally sound programs that reduce risk of litigation.

SPMG 4668 Human Resource Management in Sport

Prerequisite: overall GPA of at least 2.5

An overview of human resource management, examining the techniques, policies, processes, strategies, and practices used by sport managers and organizations to utilize human resources effectively and efficiently. This includes topics such as equal employment opportunity, staffing, performance appraisal, compensation management, training and development, work life quality, health/safety, and labor-management relations.

SPMG 4680 Applied Research Methods in Sport Management

Prerequisite: Admission to Sport Management

This course introduces students to the concepts and processes of research. Both quantitative and qualitative methodologies are discussed. Students will become informed consumers of research and thus develop an understanding of how to integrate research into decision making. Students will develop skills to conduct their own research related to the operation of sport organizations.

SPMG 4681 Independent Study**1-3/0/1-3**

Prerequisite: Approval of department

Independent study or project. Topic, content, and criteria to be determined by the student in conjunction with the faculty advisor.

SPMG 4685 Special Topics in Sport Management

Prerequisite: Overall GPA of at least 2.3

This course provides the opportunity to offer course content and topics that may not be covered by other course titles. Titles and descriptions of specific courses will be identified at the time of offering. The course may be repeated for credit.

SPMG 4686 Internship**0/24/12**

Prerequisite: Overall GPA of at least 2.5 and completion of all other professional content courses required for the degree

Field experiences yield the necessity of receiving direction, undertaking responsibility, and demonstrating competence by applying theory learned from course work. The internship allows students to complete a partial fulfillment in their degree program and will help them discover career options and confirm career choices.

READING

(See pages 429-430)

**DEPARTMENT OF SPECIAL EDUCATION
AND SPEECH-LANGUAGE PATHOLOGY**

Ed. Annex 112 • 678-839-6567

<http://coe.westga.edu/sedslp/>

Professor, M. Hazelkorn (Chair); **Associate Professors**, M. Cooper, M. Larkin; **Assistant Professors**, J. Bucholz, K. Harris, A. Shook, Frazier Trotman, J. Jackson; **Lecturer**, G. Boddie; **Instructors**, J. Barton, D. Carroll, S. Wyatt

The Department of Special Education and Speech-Language Pathology offers a bachelor-level preparation program on the undergraduate level. Students must exercise great care in planning their progression through these programs because of the need to meet requirements for admission to Teacher Education and to sequence courses appropriately. Students should refer carefully to the material contained in this catalog and consult with advisors regularly.

**B.S. IN EDUCATION DEGREE WITH A MAJOR IN SPECIAL EDUCATION-
GENERAL CURRICULUM**

This program in the area of General Curriculum prepares students to teach students with disabilities who are being educated in the general education curriculum who attend preschool through high school programs. Graduates sometimes choose other jobs in related social service areas or pursue teacher

certification in additional areas of specialty at the graduate/post-baccalaureate level. The learning outcomes for the students who receive the Bachelor of Science in Special Education: General Curriculum are taken from the Special Education Content Standards of the Council for Exceptional Children. In addition, the undergraduate students must satisfy the 10 Principles of the Interstate New Teacher Assessment and Support Consortium (IN TASC) established by the Chief State School Officers Council.

Core Areas A ^a , B ^a , C ^a , D ^a , and E ^a (see pages 128-134)		42
Area A – MATH 1111 recommended		
Area B – COMM 1110 recommended		
Core Area F: Major Specific Courses ^{b,c}		18
ISCI 2001	3	
ISCI 2002	3	
MATH 2008	3	
EDUC 2110	3	
EDUC 2120	3	
EDUC 2130	3	
Courses Required for the Degree ^{b,d}		61
CEPD 4101	3	
MEDT 3401	3	
READ 3251	3	
READ 3262	3	
READ 4251	3	
READ 4253	3	
SPED 3702	3	
SPED 3707	2	
SPED 3713	4	
SPED 3714	3	
SPED 3751 ^e	1	
SPED 3752 ^e	2	
SPED 3761	3	
SPED 4710	2	
SPED 4712	3	
SPED 4713	3	
SPED 4751 ^e	2	
SPED 4761	3	
SPED 4786 ^e	9	
SPED 4789	3	
Total		121
Physical Education Requirement		3
PWLA 1600	2	
PWLA (activity course)	1	

Program Notes:

a. See catalog and advisor in major area

b. Requires a grade of C or better in each course

- c. Requires a minimum GPA of 2.5
 d. Courses require admission to Teacher Education
 e. Advance application required

POST BACCALAUREATE NON-DEGREE INITIAL CERTIFICATION PROGRAMS

The Department intends to phase out the Post Baccalaureate Non-Degree Initial Certification programs. Effective June 1, 2007, the program will no longer accept new applicants. Students who are currently enrolled in this program must decide by June 1, 2008, or prior to the completion of the 12th hour of graduate credit, whether they intend to finish the non-degree initial certification program or complete the Master of Education degree.

B.S. IN EDUCATION DEGREE WITH A MAJOR IN SPEECH-LANGUAGE PATHOLOGY

This program is designed to give students a professional background in the discipline of speech-language pathology. Speech and language development, normal anatomical and acoustic bases of communication, characteristics of a variety of communicative disorders, and educational intervention processes are emphasized. This program does not lead to certification.

Students must satisfy the 10 Principles of the Interstate New Teacher Assessment and Support Consortium (INTASC) established by the Chief State School Officers Council.

	Hours
Core Areas A ^a , B ^a , C ^a , D ^a , and E ^a (see pages 128-134)	42
Area A - MATH 1111 recommended	
Area B - COMM 1110 recommended	
Area D - MATH 2703 recommended	
A course in Biology and a course in Physical Science are recommended for D1 and D2.	
Area E - PSYC 1101 or SOCI 1101 recommended	
Core Area F: Major Specific Courses ^{A,C}	
ISCI 2001	3
ISCI 2002	3
MATH 2008	3
EDUC 2110	3
EDUC 2120	3
EDUC 2130	3
Courses Required for the Degree	
CONTENT SPECIALIZATION ^{A, B}	51
SLPA 3701	3
SLPA 3702	3
SLPA 3703	3
SLPA 3704	3
SLPA 3705	3
SPLA 3760	3
SLPA 3790	3
SLPA 4701	3
SLPA 4703	3

SLPA 4704	3	
SLPA 4720	3	
SLPA 4721	3	
SLPA 4722	3	
SLPA 4724	3	
SLPA 4784	3	
CONCENTRATION ^{A,B}		12
CEPD 4101	3	
SPED 3713	4	
SPED 3714	3	
SPED 4710	2	
MEDT 3401	3	
Total		123 ^D
Physical Education Requirement		3
1. PWLA 1600	2	
2. PWLA (activity course)	1	

Program Notes:

- A. A grade of C or better is required in courses in these sections.
- B. Admission to teacher education program required before enrolling in these courses.
- C. Minimum 2.5 GPA required for enrollment in EDUC courses.
- D. The program is 123 hours plus 3 hours in PER to meet College of Education degree requirements.
- E. Must apply for practicum placement approximately two semesters prior to the semester planning to enroll in this course. Students must maintain a GPA of 2.7 throughout program. Completion of this program does not lead to certification to work in public schools. A master's degree in speech-language pathology is required to obtain full certification to work in public schools.
 1. Application for field experiences must be submitted two semesters prior to enrollment in methods and internship. See page 414 for specific deadlines.
 2. See pages 411-414 for specific Admission, Retention, and Program Completion requirements.
 3. See page 123-124 for specific requirements for the Bachelor of Science Degree in Education.

SPECIAL EDUCATION COURSES (SLPA & SPED)

SLPA 3701 Introduction to Communication Disorders	3/0/3
Prerequisite: Admission to Teacher Education	
This course is a study of the anatomical structures and physiology of the speech, hearing, and neurological systems. Information related to respiration, phonation, resonance, articulation, neurology, and hearing in the normal child and adult are emphasized.	
SLPA 3702 Speech and Language Acquisition	3/0/3
Prerequisite: Admission to Teacher Education	
An in-depth study of speech and language acquisition and development in the normal child. This course covers the normal developmental stages for the acquisition of the content, form, and use of language.	

SLPA 3703 Phonetics**3/0/3**

Prerequisite: Admission to Teacher Education

Applied phonetic analysis and transcription. Applications to the problems of speech improvement, speech disorders, and standard and nonstandard English. It must be taken as a prerequisite to articulation and phonological courses in the speech-language pathology program. This course is designed for speech-pathology majors. This course requires the student to become familiar and proficient with the International Phonetic Alphabet (IPA) as a means of speech and language change.

SLPA 3704 Anatomy and Physiology of Speech and Hearing**3/0/3**

Prerequisite: Admission to Teacher Education

This course is a study of the anatomical structures and physiology of the speech, hearing, and neurological systems. Information related to respiration, phonation, resonance, articulation, neurology, and hearing in the normal child and adult is emphasized.

SLPA 3705 Speech and Hearing Science**3/0/3**

Prerequisite: Admission to Teacher Education

This course is a study of the science involved in the anatomical, physiological, and psychological processes of speech, language and hearing in children and adults. The science involved in respiration, phonation, resonance, articulation and hearing is emphasized through conceptual theory and objective measurement.

SLPA 3760 Articulation and Phonological Disorders**3/0/3**

Prerequisite: Admission to Teacher Education; SPLA 3701, SLPA 3702, and SLPA 3703

A study of the etiology, diagnosis, and treatment of articulation and phonological disorders. Students will become familiar with the traditional and phonological approaches to intervention. Students also will be required to administer and interpret results of various tests. In addition, students will be required to observe therapy procedures with speech impaired children and adults.

SLPA 3761 Methods of Clinical Management**3/0/3**

Prerequisite: Admission to Teacher Education; SLPA 3701; SLPA 3702; SLPA 3703

Introduction to the speech/language clinical practice emphasizing professional conduct, therapy techniques and procedures, equipment, and scheduling.

SLPA 3790 Introduction to Clinical Practicum: Observation**1/6/3**

Prerequisite: Admission to Teacher Education; SLPA 3701; SLPA 3702; SLPA 3703

This course provides a supervised clinical experience in which the student clinician observes and interacts with individuals having various speech, language, or hearing impairments under the supervision of a speech-language pathologist. This course is required as the initial field experience in speech-language pathology for SLP majors and is designed to introduce students to therapy and assessment procedures.

SLPA 4701 Language Disorders in Children 3/0/3

Prerequisite: Admission to Teacher Education; SLPA 3701; SLPA 3702; SLPA 3703

A study of the characteristics, etiologies, diagnosis, interventions, and prevention of language disorders in children. This course is designed to cover characteristics of children with language disorders, causes and preventions of language disorders, and assessment and intervention strategies for working with children with language disorders.

SLPA 4703 Introduction to Audiology 3/0/3

Prerequisite: Admission to Teacher Education; SLPA 3701; SLPA 3704

This course provides an introduction to the field of audiology. Basic auditory disorders, types of hearing loss, audiological assessment and interpretation, hearing loss definition and significance, and management of hearing loss are covered in children and adults.

SLPA 4704 Introduction to Manual Communication 3/0/3

Prerequisite: Admission to Teacher Education

This is an introductory course in manual communication systems, including history and descriptions. Receptive and expressive skills for manual communication will be developed. This course is designed for any student wishing to obtain basic skills and knowledge in Signing Exact English (SEE) for use in educational settings.

SLPA 4720 Introduction to Assessment of Speech-Language Disorders

Prerequisite: Admission to Teacher Education; SLPA 3701; SLPA 3702; SLPA 3703.

This course is designed for students to learn introductory diagnostic/assessment skills, including the use of formal and informal diagnostic instruments, to obtain assessment data within a specified range of communication disorders. The use of these data for making a differential diagnosis and for planning and implementing a therapy program is also addressed.

SLPA 4721 Introduction to Neurological Communication Disorders

Prerequisite: Admission to Teacher Education; SLPA 3701; SLPA 3704.

This course is a study of the primary neurological communication disorders in children and adults. Areas covered include characteristics, assessment, etiology, and treatment of communication disorders of the central and peripheral nervous systems.

SLPA 4722 Multicultural Perspectives in Communication Disorders 3/0/3

Prerequisite: Admission to Teacher Education; SLPA 3701

This course provides an overview of the role that cultural variables play on verbal and nonverbal communication. Students will develop a detailed understanding of their own culture and the characteristics of the four major cultural groups in the United States. Cultural, phonologic, and linguistic features that affect service delivery when working with clients from diverse backgrounds will be emphasized.

SLPA 4723 Advanced Methods of Clinical Management

Prerequisite: Admission to Teacher Education; SLPA 3701; SLPA 3702; SLPA 3760; SLPA 3790; SLPA 4701. Co-requisite: SLPA 4790.

Advanced study in speech/language practice emphasizing remediation of clients in the clinic, professional conduct, clinic administration, and client scheduling issues. The student will be required to analyze therapy sessions through use of problem-based learning, observations, lectures and discussions. This course is designed for sophomore and junior speech-language pathology majors who will be required to observe and interact with live and pre-recorded therapy sessions in the clinic, with live sessions generated from the student's assigned caseload. Students are expected to enroll concurrently in SLPA 4790.

SLPA 4724 Counseling Issues in Communication Disorders 3/0/3

Prerequisite: Admission to Teacher Education; SLPA 3701

This course introduces students to issues associated with counseling clients with speech-language pathology related disorders and their caregivers. Knowledge and practice in counseling strategy, process, skills, and ethics will be emphasized.

SLPA 4784 Professional Practices Seminar in Communication Disorders 3/0/3

Prerequisite: Admission to Teacher Education; SLPA 3701

This course introduces students to the process, practices, roles, and ethical responsibilities of the speech-language pathologist.

SLPA 4785 Special Topics in Speech-Language Pathology 3/0/3

Prerequisite: Admission to Teacher Education; permission of instructor.

This course offers students formal opportunities to increase professional knowledge and skills in speech-language pathology through readings and specific study in intervention techniques. Portions of the course may be delivered on-line. Students enrolled in this course may engage in opportunities designed to increase expertise in designated areas of the profession through guided professional support.

SPED 3701 Language Development of Children with Disabilities 3/0/3

Prerequisite: Admission to Teacher Education; SPED 2706 or equivalent

An investigation of communication characteristics and needs of exceptional children. The course of normal speech and language acquisition and development will be explored, along with how the exceptional child's speech and language deviates. Specific topics will include assessment and intervention strategies, materials, and resources used in understanding and improving communication/language skills.

SPED 3702 Educational Evaluation of Children with Disabilities 3/0/3

Prerequisite: Admission to Teacher Education

Application and interpretation of formal and informal test measures designed for classroom evaluation of children.

SPED 3703 Behavior Modification 3/0/3

Prerequisite: Admission to Teacher Education

Theoretical formulations and practical applications of behavioral techniques, especially as they apply to classroom management and assisting students in developing pro-social behavior.

- SPED 3705 Policies and Procedures in Special Education 3/0/3**
 Prerequisite: Admission to Teacher Education
 Coverage of procedures pertinent to teachers providing special education services, including federal and state regulations, IEPs, and development of basic instructional plans.
- SPED 3707 Transition Services for Students with Disabilities 2/0/2**
 Prerequisite: Admission to Teacher Education
 A study of the transition services needed by students with disabilities. Covers transition issues at the secondary/middle school, elementary, and preschool levels.
- SPED 3713 Introduction to Special Education and Mild Disabilities 4/0/4**
 Prerequisite: Admission to Teacher Education
 A study of the characteristics, nature, and features of disabilities with emphasis on mild and moderate disabilities, including etiology, definition, identification, age- and level-related characteristics, associated conditions, family/community issues, service needs and options, and resources. "Best" teaching practices for this population will be examined.
- SPED 3714 Behavior and Classroom Management 3/0/3**
 Prerequisite: Admission to Teacher Education
 Theoretical formulations and practical applications of behavioral and instructional techniques, especially as they apply to classroom management and assisting students in developing pro-social behavior.
- SPED 3715 The Inclusive Classroom: Differentiating Instruction 3/0/3**
 Study of characteristics, identification, and assessment of exceptional children and youth across age ranges and levels of severity, including individualizing instruction in inclusive classrooms. "Best" teaching practices for this population also will be examined. Designed for non-special education majors.
- SPED 3717 Diversity and Disabilities 3/0/3**
 Historical and current influences on and effects of cultural and ethnic diversity on children with disabilities in the classroom will be examined. Activities will focus on strategies that can be employed in P-12 settings to increase achievement in all students.
- SPED 3751 Practicum I 0/2/1**
 Prerequisites: Admission to Teacher Education; Application for field experience required prior to enrollment.
 Field experience supporting coursework in the general program in special education. Requires full time participation in a school setting for a period of 45 hours.
- SPED 3752 Practicum II 0/4/2**
 Prerequisites: Admission to Teacher Education; Block I or permission of instructor. Application for field experience required prior to enrollment.
 Field experience in the public schools under the supervision of an experienced, qualified classroom teacher on the level of and in the field of intended certification. This course is designed to provide students with the opportunity to participate in activities in which teachers of students with mild disabilities typically engage. Requires full time participation in a school setting for a period of 5 weeks.

- SPED 3761 Curriculum and Methods: Mild Disabilities 3/0/3**
Prerequisites: Admission to Teacher Education. All courses from Block I.
A study and application of curriculum methods, classroom organization, and management for students with mild/moderate disabilities.
- SPED 4705 Characteristics of Learner: LD/BD 3/0/3**
Prerequisite: Admission to Teacher Education; SPED 2706 or equivalent
A systematic analysis of characteristics of students with specific learning disabilities, as well as those learners with emotional, behavioral, and social needs. This course will emphasize etiology, perceptual-motor, language, and academic aspects, as well as examine the types of treatment and educational programs that can be provided within school and other settings.
- SPED 4710 Ethics, Policies, and Procedures in Special Education 2/0/2**
Prerequisites: Admission to Teacher Education. All courses from Block II.
Coverage of ethical guidelines, policies, and procedures pertinent to teachers providing special education services, including current laws, ethical standards, federal and state regulations, and individualized education programs.
- SPED 4712 Language, Communication, and Technology: Mild Disabilities 3/0/3**
Prerequisites: Admission to Teacher Education. All courses from Block II.
A survey of the communication characteristics and needs of students with disabilities. Characteristics and acquisition of normal speech and language will be discussed, as well as the variations and deviations of speech and language in students with disabilities. Intervention strategies, materials, and resources are also included. In addition, assistive technology for use in educational programs for students with disabilities will be discussed.
- SPED 4713 Collaboration in School Settings 2/0/2**
Prerequisites: Admission to Teacher Education. All courses from Block II.
Covers various collaborative roles required of service providers in education, with an emphasis on team interaction and meeting the needs of students with special needs in inclusion settings.
- SPED 4751 Practicum III 0/4/2**
Prerequisites: Admission to Teacher Education. All courses from Block II or permission of instructor. Application for field experience prior to enrollment. Must be taken concurrently with SPED 4710, 4712, 4713, and 4761; READ 4251.
Teaching for a 6-week period in the public schools under the supervision of an experienced, qualified classroom teacher on the level of and in the field of intended certification. This course is designed to provide students with the opportunity to participate in activities in which teachers of students with mild disabilities typically engage.
- SPED 4761 Secondary Methods: Mild Disabilities 3/0/3**
Prerequisites: Admission to Teacher Education. All courses from Block II. Must be taken concurrently with READ 4251, SPED 4710, 4712, 4713, and 4751.
A study and application of curriculum, methods, classroom organization, and management for students with mild disabilities in middle grades and secondary programs.

SPED 4765 Curriculum and Methods: LD/BD 3/0/3

Prerequisite: Admission to Teacher Education; SPED 4705 or equivalent
A study and application of curriculum methods, classroom organization, and management for students with specific learning disabilities and those with emotional behavioral disorders.

SPED 4785 Special Topics in Special Education var. 1-3

Prerequisite: Admission to Teacher Education and permission of instructor
Title and description of specific courses to be inserted at time of offering.
May be repeated for credit.

SPED 4786 Internship in Special Education 0/18/9

Prerequisites: Admission to Teacher Education; All courses from Block I-III or permission of instructor. Application for field experience required prior to enrollment. Must be taken concurrently with SPED 4789.

Teaching one semester in the public schools under the supervision of an experienced, qualified classroom teacher on the level and in the field of intended certification. A student teaching seminar (SPED 4789) accompanies student teaching.

SPED 4789 Internship Seminar 3/0/3

Prerequisites: Admission to Teacher Education; Blocks I-III or permission of instructor. Must be taken concurrently with SPED 4786.

Information and issues related to student teaching in an approved setting in which students identified as having specific disabilities appropriate to certification in Special Education are being served.

SPED 4791 Practicum: Learning Disabilities/Behavior Disorders 0/6/3

Prerequisite: Admission to Teacher Education; SPED 4705, SPED 4765
Supervised practicum in an approved setting in which students identified as having specific learning disabilities and/or emotional behavioral disorders are being served. Includes seminars and outside readings/assignments as well as in-program activities. This course can be repeated for up to 6 hours of credit. Application for field experience required in advance.

XI. OTHER COURSES

First Year University Experience

Learning Support Courses

Library Instruction Courses

Regents' Skills Courses

FIRST YEAR UNIVERSITY EXPERIENCE**UWG 1101 First Year University Experience**

UWG 1101 is designed to enhance the first year student's experience adjusting to university life. Its fundamental goal is to instruct the student in critical thinking, study skills, and the social and cultural life of University of West Georgia.

LEARNING SUPPORT COURSES**ENGL 0099 Basic Composition****3/0/3**

This is a three-hour institutional credit course in the fundamentals of essay composition. It emphasizes generation of ideas, effective sentence construction, and paragraph development. Topics include grammar, mechanics, punctuation, and spelling and diction. After reviewing the basic units that convey sentence sense, the course will focus upon writing a complete composition for a general audience in a variety of contexts. It does not carry credit for graduation.

MATH 0097 Beginning Algebra**3/0/3**

This is a three-hour institutional credit course in the fundamentals of arithmetic and elementary algebra. It is designed to prepare students who have deficiencies for MATH 0099. Topics include arithmetic, geometry, real numbers, polynomials, linear equations in one variable, inequalities, factoring, and linear equations in two variables. It does not carry credit for graduation.

MATH 0099 Intermediate Algebra**3/0/3**

Prerequisite: MATH 0097 or placement by exam.

This is a three-hour institutional credit course. It is designed to prepare students for college-level mathematics by increasing their awareness of the structure of elementary mathematics. Emphasis is on principles, techniques, and applications of basic algebra. Topics include polynomials, rational expressions, exponents, radicals, calculator usage, linear equations and inequalities, quadratic equations, and graphs of equations in two variables. It does not carry credit for graduation.

READ 0099 Improvement of Reading**3/0/3**

This is a three-hour institutional credit course which aims at identifying and correcting reading or reading-related problems, guiding students in improving learning skills, and exposing students to a variety of reading experiences and techniques for developing reading fluency. It does not carry credit for graduation.

LIBRARY INSTRUCTION COURSES**LIBR 1101 Academic Research and the Library 2/0/2**

The course will provide an introduction to academic research and the efficient and effective use of library and information resources and technology, using an academic library as a laboratory setting for hands-on experience in the scholarly communication process. The course will provide instruction in the access, evaluation, and utilization of disciplinary literature. Traditional library research techniques will be covered and emphasis will be given to modern methods of information retrieval using online, interactive computer capability.

REGENTS' SKILLS COURSES (RGT)**RGTR 0198 Regents' Reading Skills 3/0/3**

The Regents' Reading Skills course is intended to ensure that all graduates of the University System of Georgia possess certain minimum skills in reading comprehension. Students work on improving their comprehension of material drawn from a variety of subject areas (social science, natural science and humanities) with various modes of discourse (exposition, narration, and argumentation). Critical thinking is emphasized, as is each of the following four major aspects of reading: vocabulary in context, inferential and literal comprehension, and analysis of texts.

RGTE 0199 Regents' Writing Skills 3/0/3

The Regents' Writing Skills course is intended to ensure that all graduates of the University System of Georgia possess certain minimum skills in writing. Students learn to evaluate their own writing strengths and weaknesses. Students will also work on improving their writing skills so that they are able to write an essay that meets the Regents' criteria.



XII. GENERAL FACULTY 2008-2009

- AANSTOOS, CHRISTOPHER MICHAEL, B.A. (Michigan State University), M.A., Ph.D. (Duquesne University), *Professor of Psychology*
- ABUNAWASS, ADEL M., B.S. (Moorhead State University), M.S., Ph.D. (North Dakota State University), *Professor of Computer Science and Chair, Department of Computer Science*
- ADAMS, BONNIE, B.A., M.A. (University of West Georgia), *Lecturer in English and Internship Coordinator*
- ALBERG, JEREMIAH L., B.A., M.A. (St. Louis University), B.A., M.A. (Sophia University, Japan), Ph.D. (University of Munich, Germany), *Associate Professor of Philosophy*
- ALDRICH, MICHAEL H., B.S. (Brigham Young University), M.L.S. (Louisiana State University, Baton Rouge), M.P.A. (University of West Georgia), *Assistant Vice President for Academic Affairs, Librarian Associate Professor and Government Documents Librarian*
- ALLEN, JEANETTE, B.A. (Wake Forest), M.S., Ph.D. (Georgia Institute of Technology), *Assistant Professor of Computer Science*
- ANDERSON, JONATHAN R., B.S. (Utah State University), M.Ed. (State University of West Georgia), Ph.D. (University of Kentucky), *Associate Professor of Management and Associate Dean, Richards College of Business*
- ANDERSON, JOSEPH L. B.A. (University of Nebraska-Lincoln), M.A. (University of Kansas), Ph.D. (Iowa State University) *Assistant Professor of History*
- ANDERSON, LYNN, B.A., J.D. (University of Kansas), M.A. (Bryn Mawr), Ph.D. (Princeton University), *Assistant Professor of French*
- ANDERSON, PAMELA, B.A. (Middle Tennessee State University), M.S. (Austin Peay State University), Ph.D. (Middle Tennessee State University), *Instructor of Physical Education and Recreation*
- ANGELO, ADRIENNE, B.A. (Goucher College), Ph.D. (Emory University), *Assistant Professor of French*
- ASHFORD, SUSAN, B.S.N. (Medical College of Georgia), M.N., Ph.D. (Emory University), *Assistant Professor of Nursing*
- AUSTIN, ADRIAN M., B.S. (University of Memphis), M.A., Ph.D. (Duke University), *Assistant Professor of Economics*
- AUTREY, CAROLYN H., B.S., M.S. (University of Southern Mississippi), *Lecturer in Mathematics*

- BAKOS, DANIEL FRANK, B.M., M.M. (University of Cincinnati), Ph.D. (Ohio State University), *Professor of Music*
- BANFORD, HEIDI, B.S. (Evergreen State College), M.A., Ph.D. (College of William and Mary), *Assistant Professor of Biology*
- BAR, BONNIE BELL, B.S. (Medical College of Georgia), M.S.N. (Georgia State University), *Associate Professor of Nursing*
- BARTLEY, JULIE K., A.B. (Bryn Mawr College), M.S., Ph.D. (University of California, Los Angeles), *Professor of Geology*
- BARTON, JILL, B.S. (University of Arkansas at Little Rock), M.S. (University of Arkansas for Medical Sciences), *Instructor of Special Education and Speech Language Pathology*
- BASU-DUTT, SHARMISTHA, B.S. (Jadarpur University), M.S., Ph.D. (Wayne State University), *Associate Professor of Chemistry*
- BAUMSTARK, LEWIS, B.S. (Tennessee Technological University), M.S., Ph.D. (Georgia Institute of Technology), *Assistant Professor of Computer Science*
- BAYLEN, DANILO, B.A. (University of the Philippines), M.Ed., Ed.D. (Northern Illinois University), *Associate Professor of Media and Instructional Technology*
- BENNETT, ELIZABETH KIRBY, B.A. (Vanderbilt University), M.S. (Syracuse University), Ph.D. (Florida State University), *Professor of Media and Instructional Technology*
- BERG, CHRISTOPHER A., B.S. (University of Cincinnati), M.S. (University of Kentucky), Ph.D. (University of Texas at Austin), *Assistant Professor of Geology*
- BERGIEL, ERICH B., B.S. (Mississippi State University), M.B.A. (California State University), Ph.D. (Mississippi State University), *Assistant Professor of Business Administration*
- BEST, RONALD W., B.B.A., M.B.A. (University of Georgia), Ph.D. (Georgia State University), *Professor of Business Administration*
- BIRD, BRUCE MACKAY, B.A. (Vanderbilt University), M.S., J.D. (University of Cincinnati), C.P.A., *Professor of Business Administration*
- BLACK, JOY W., B.S.Ed., M.A. (University of Alabama), Ph.D. (Auburn University), *Assistant Professor of Mathematics*
- BLAIR, JOHN, B.A. (Hendrix College), M.A., Ph.D. (Indiana University, Bloomington), *Professor of German*
- BLEUEL, JOHN, B.M. (University of Wisconsin, Oshkosh), M.M. (University of Wisconsin, Milwaukee), D.M.A. (University of Georgia), *Associate Professor of Music*
- BODDIE, GERALDINE, B.S. (Mercer University), M.C.D. (Auburn University), *Lecturer in Speech-Language Pathology*
- BOES, SUSAN R., A.B. (Mary Manse College), M.Ed., Ph.D. (Auburn University), *Professor of Counseling*
- BOHANNON, KEITH S., B.A., M.A. (University of Georgia), Ph.D. (Pennsylvania State University), *Associate Professor of History*

- BOLDT, DAVID JOHN, B.A. (San Diego State University), M.A., Ph.D. (University of New Mexico), *Professor of Economics and Chair, Department of Economics*
- BOUMENIR, AMIN, B.Sc. (University of Science Technology of Algiers), M.Sc., Ph.D. (University of Oxford), *Associate Professor of Mathematics*
- BOYD, STACY, B.A. (Randolph-Macon College), M.A. (University of West Georgia), Ph.D. (Emory University), *Assistant Professor of English*
- BRAY, LESSELL MARTINY (MARTY), B.S., M.L.S. (Appalachian State University), M.S.Ed., Ph.D. (Indiana University), *Assistant Professor of Media and Instructional Technology*
- BRICKMAN, BARBARA, B.A. (James Madison University), M.A. (University of Georgia), Ph.D. (University of Rochester), *Assistant Professor of English*
- BUCHOLZ, JESSICA, A.S. (Suffolk County Community College), B.A. (C.W. Post College), M.S. (Dowling College), Ed.D. (Florida Atlantic University), *Assistant Professor of Special Education and Speech Language Pathology*
- BURTON, JAMES HARPER, B.B.A., M.B.A., Ph.D. (Georgia State University), C.P.A., *Professor of Business Administration*
- BUSH, DAVID M., B.S. (State University of New York, Oneonta), M.S., Ph.D. (Duke University), *Professor of Geology*
- BUTLER, JUDY D., B.S. (Southern State College), M.L.S. (University of Oklahoma), Ed.D. (Vanderbilt University), *Associate Professor of Secondary Education*
- BUTTS, ELIZABETH, B.S. (Southwestern University), M.S. (Baylor University), M.S. (University of South Alabama), *Temporary Instructor of Physical Education and Recreation*
- BUTTS, FRANK, B.S. (Carson-Newman), M.S. (East Tennessee State University), Ed.D. (University of Georgia), *Assistant Professor of Physical Education and Recreation*
- CAO, LI, B.A. (Chongqing Jianzhu University, China), M.A. (Sichuan University, China), M.Ed. (Queen's University, Canada), Ph.D. (McGill University, Canada), *Associate Professor of Educational Psychology*
- CARESS, STANLEY M., B.A., M.A. (San Jose State University), Ph.D. (University of California, Riverside), *Professor of Political Science*
- CARTER, JOHN, B.A. (Pomona College), Ph.D. (University of California, Los Angeles), *Assistant Professor of Psychology*
- CHADWICK, NANETTE, B.S., M.S. (Georgia State University), Ph.D. (Medical College of Georgia), *Assistant Professor of Nursing*
- CHALFANT, FRAN CERNOCKY, A.B. (Drake University), Ph.D. (University of North Carolina, Chapel Hill), *Professor of English*
- CHARLESWORTH, JOHN ROBERT, JR., B.S. (Indiana University of Pennsylvania), M.S., Ph.D. (Mississippi State University), *Assistant Professor of Counseling*
- CHATTERJIE, AYONA, B.S., M.S. (University of Pune-India), *Assistant Professor of Mathematics*

- CHIBBARO, JULIA S., B.A. (Randolph Macon Woman's College), M.Ed. (The Citadel), Ed.S., Ph.D. (University of South Carolina), *Assistant Professor of Counseling*
- CHOWNS, TIMOTHY MICHAEL, B.Sc. (University of Leicester), Ph.D. (University of Newcastle upon Tyne), *Professor of Geology*
- CLARK, CHARLES W., B.A. (Colorado College), M.A., Ph.D. (University of Colorado, Boulder), *Professor of History and Interim Dean of the Graduate School*
- CLENNEY, ELIZABETH F., B.A. (State University of West Georgia), M.B.A. (Georgia State University), *Lecturer in Business Administration*
- CLIFTON, MITCHELL HOWARD, B.S., M.S. (University of Illinois), *Assistant Professor of Computer Science*
- COLEMAN, MARY A., B.A. (James Madison University), M.A. (Temple University), Ph.D. (Virginia Commonwealth University), *Assistant Professor of Educational Leadership and Professional Studies*
- COLLEY, JAMES RONALD, B.A., M.Acc. (University of South Florida), Ph.D. (Georgia State University), C.P.A., *Professor of Business Administration and Chair, Department of Accounting and Finance*
- COLLINS, DAVID, B.A. (Clarion University), M.F.A. (University of Notre Dame), *Assistant Professor of Art*
- COLOMBO, CHARLES A., Jr., B.A. (Boston College), M.S.L.S. (Drexel University), *Instructor and Instruction Librarian, Ingram Library*
- COLQUITT, B. DENISE, B.B.A., MPAcc (University of West Georgia), *Lecturer in Business Administration*
- COOK, FLORENCE "Cita" E., B.A. (Southern Methodist University, Texas), M.A. (University of Texas, Austin), Ph.D. (University of California, Berkeley), *Associate Professor of History*
- COOPER, MARGARET A., B.A. (Antioch College), M.S. (George Peabody College for Teachers), Ph.D. (Kent State University), *Associate Professor of Special Education*
- CORMICAN, MURIEL, B.A. (University College Galway), M.A. (University of Missouri), Ph.D. (Indiana University), *Associate Professor of German*
- CORNELIUS, LUKE M., B.A. (Washington and Lee University), M.A. (University of Georgia), Ph.D. (University of Florida), *Associate Professor of Educational Leadership*
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Athletics

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UWG Catalogues, Handbooks & Policies

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West Georgian Newspaper

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Writing Center

<http://www.westga.edu/~writing/>

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Vision and Mission Statements for University System of Georgia

“The University System of Georgia will create a more educated Georgia, well prepared for a global, technological society, by providing first-rate undergraduate and graduate education, leading-edge research, and committed public service.”

The mission of the University System of Georgia is to contribute to the educational, cultural, economic, and social advancement of Georgia by providing excellent undergraduate general education and first-rate programs leading to associate, baccalaureate, masters, professional, and doctorate degrees; by pursuing leading-edge basic and applied research, scholarly inquiry, and creative endeavors; and by bringing these intellectual resources, and those of the public libraries, to bear on the economic development of the State and the continuing education of its citizens.

Each institution in the University System of Georgia will be characterized by:

- A supportive campus climate, leadership and development opportunities, and necessary services and facilities to meet the needs of students, faculty, and staff;
- Cultural, ethnic, racial, and gender diversity in the faculty, staff, and student body, supported by practices and programs that embody the ideals of an open, democratic, and global society;
- Technology to advance educational purposes, including instructional technology, student support services, and distance education; and
- A commitment to sharing physical, human, information, and other resources in collaboration with other System institutions, the public libraries, state agencies, local schools, and technical colleges to expand and enhance programs and services available to the citizens of Georgia.

Correspondence Directory

For information, please address inquiries as indicated below:

Admissions/Undergraduate.....	Director of Admissions —	678-839-4000
Alumni.....	Assistant Director of Alumni Services —	678-839-6582
Business Matters and Expenses	Vice President for Business and Finance —	678-839-6410
Academic Programs.....	Vice President for Academic Affairs —	678-839-6445
Graduate Studies/Admissions	Dean, Graduate School —	678-839-6419
General Information		678-839-5000
Residence Life.....	Director of Residence Life —	678-839-6426
*Scholarship and Student Aid	Director of Financial Aid —	678-839-6421
Transcripts and Academic Reports.....	Registrar —	678-839-6438

Visitors Welcome

The University welcomes visitors to the campus. All administrative offices are open Monday through Friday from 8:00 a.m. to 5:00 p.m. Visitors desiring information on weekends should come to the Department of Public Safety across from the baseball field. Visitors desiring interviews with members of the staff are urged to make appointments in advance.

Crime and Emergencies

All faculty, staff, and students are encouraged to report to the Department of Public Safety (678-839-6000) any on-campus crime for which they are a victim or witness. Public Safety will investigate all reported crimes and assist the victim in prosecuting the case through the criminal courts. Students who commit crimes on the campus are subject to both criminal prosecution as well as disciplinary action through the Student Judiciary.

All emergencies (fire, medical, crimes in progress) should also be reported to Public Safety at 678-839-6000. The Department will respond to all calls for assistance and coordinate the response of other emergency personnel as needed.

Telephone - Area 678-839-5000

Zip Code 30118

***Individuals, organizations, or business firms desiring to contribute funds for scholarships and other purposes are invited to contact the State University of West Georgia Foundation, Inc. Telephone 678-839-6582.**

INDEX TO COURSE LISTINGS BY ABBREVIATIONS

ABEDBusiness Education 384	LIBR.....Bibliographic Instruction 457
ACCTAccounting 387	MATH.....Mathematics 279
ANTHAnthropology 140	MATH.....Learning Support 456
ARTArt 151	MEDT.....Media and Instructional Technology 425
ASTRAstronomy 334	MGEDMiddle Grad Education 420
BIOLBiology 165	MGNT.....Management 396
BUSA.....Business Administration 389	MKTG.....Marketing 399
CEPD.....Counseling and Educational Psychology 410	MUSC.....Music 305
CHEM.....Chemistry 180	NURSNursing 320
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FORLForeign Language 225	SOCI.....Sociology 359
FRENFrench 228	SPAN.....Spanish 232
GEOG.....Geography 242	SPEDSpecial Education 450
GEOLOGY.....Geology 247	SPMGSport Management 442
GLOBGlobal Studies 256	THEATheatre 367
GRMN....German 230	UWGFirst Year University Experience 456
HISTHistory 260	XIDSInterdisciplinary 267
ISCI.....Integrated Science 267	



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