

Undergraduate Catalog 2014-2015

UNIVERSITY  
OF  
WEST GEORGIA

*The University System of Georgia*

[www.westga.edu](http://www.westga.edu)

Carrollton, Georgia  
(USPS 368-730)

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With

Announcements For 2014-2015

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## **Student Responsibility**

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 University of West Georgia.

University of West Georgia students are provided a MyUWG e-mail account. The University considers this account to be an official means of communication between the University and the student. The purpose of the official use of the student e-mail account is to provide an effective means of communicating important university related information to UWG students in a timely manner. It is the student's responsibility to check his or her email.

Inquiries concerning requests for application forms and other material should be addressed to Office of Admissions, University of West Georgia, Carrollton, Georgia 30118-4400, or by calling 678-839-5600.

While every effort will be made to ensure accuracy of the material stated herein, the University of West Georgia 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 quasi-contractual 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 University of West Georgia 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 or her by the University of West Georgia.

## How to Find Information Related to Academic Programs and Courses

This catalog includes directional tools customarily included in such publications. The Table of Contents, the Glossary, the Index to Course Listings, the general Index, and the Index of Abbreviations 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 & Schools

The chapter titled "Degree Programs" organizes information on programs within each of the six major academic divisions of the University: The College of Arts and Humanities, the College of Education, the College of Science and Mathematics, the College of Social Sciences, the Richards College of Business, and the Tanner Health System School of Nursing. 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

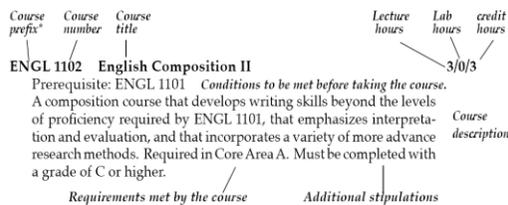
All academic departments are listed in the general Index. Information about each academic department is arranged alphabetically for each college. This information includes, in order, the department Web address, the department faculty, descriptions of programs and program requirements, including majors,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

### Programs

All academic programs of study are listed in the general Index.

### 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 in the Index to Course Listings and the inside back cover.

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# GLOSSARY

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

**Academic Coach** - A staff member or trained peer educator who helps students define and achieve academic goals and improve study skills and strategies.

**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 at the beginning of the semester. Adding courses is possible only in this three day period. (See the course schedule on page 9 for specific dates.)

**eCore** – eCore stands for 'electronic core' – these are fully online core courses that are part of a state-wide initiative (meaning students could be in classes with students from

around the state and your instructor may or may not be a UWG instructor). One or two proctored exams are required but can be taken at sites around the world. See <http://ecore.westga.edu>

**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.

**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 Dual/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.

**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 dual/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.



# UNIVERSITY CALENDAR

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## Fall Semester, 2014

Visit the web or contact the individual colleges and Tanner Health System School of Nursing for application deadlines for graduate programs, as they vary:

<http://www.westga.edu/~gradsch/dates.php>

Deadlines to submit theses and dissertations to the Library for binding: Spring Graduation – April 12, Summer Graduation – July 12, Fall Graduation – November 26. Note: If the deadline falls on a weekend or holiday, then it is due on the following workday by 5:00 pm.

August 25	Classes Begin
September 2	Registration Ends
September 1	Labor Day Holiday (no classes, offices closed)
September 18	Last Day to Withdraw With a Grade of W from Session I - 8 week courses
October 17	Last Day to Withdraw With a Grade of W from Full Term - 15 week courses
October 27	Spring 2014 Registration Begins
November 13	Last Day to Withdraw with a Grade of W from Session II - 8 week courses
November 24-26	Thanksgiving Recess (no classes, offices closed )
December 6-12	Final Instruction/Examination Date (2 hour block schedule)
December 13	Graduation (Saturday, times to be announced)
December 15	Grades Due by 12:00(noon)
December 15-January 4	Winter Break (offices closed dates TBA)

## Spring Semester, 2015

Visit the web or contact the individual colleges and Tanner Health System School of Nursing for application deadlines for graduate programs, as they vary:

<http://www.westga.edu/~gradsch/dates.php>

Deadlines to submit theses and dissertations to the Library for binding: Spring Graduation – April 12, Summer Graduation – July 12, Fall Graduation – November 26. Note: If the deadline falls on a weekend or holiday, then it is due on the following workday by 5:00 pm.

January 5	Classes Begin
January 11	Registration Ends
January 19	Martin Luther King Holiday (Offices closed, no classes)
February 27	Last Day to Withdraw With a Grade of W
March 16-21	Spring Break (no classes)
March 23	Summer/Fall 2015 Registration Begins
April 20-24	Final Instruction/Examinations (2 hour block schedule)
April 25	Graduation (Saturday, times to be announced)
April 27	Grades Due By 12:00 (noon)

## Summer Semester, 2015

Visit the web or contact the individual colleges and Tanner Health System School of Nursing for application deadlines for graduate programs, as they vary:

<http://www.westga.edu/~gradsch/dates.php>

Deadlines to submit theses and dissertations to the Library for binding: Spring Graduation – April 12, Summer Graduation – July 12, Fall Graduation – November 26. Note: If the deadline falls on a weekend or holiday, then it is due on the following workday by 5:00 pm.

### Session I (11 days)

May 4	Classes Begin
May 4	Drop/Add/Registration Ends
May 11	Last Day to Withdraw With a Grade of W
May 20	Final Instruction / Examinations
July 27	Grades Due By 12:00 (noon)

### Session II (36 days)

June 1	Classes Begin
June 2	Drop/Add/Registration Ends
June 23	Last Day to Withdraw With a Grade of W
July 4	Independence Day Holiday (no classes, offices closed)
July 24	Final Instruction / Examinations
July 25	Graduation (Saturday, times to be announced)
July 27	Grades Due By 12:00 (noon)

### Session III (17 days)

June 1	Classes Begin
June 2	Drop/Add/Registration Ends
June 10	Last Day to Withdraw With a Grade of W
June 25	Final Instruction / Examinations
July 25	Graduation (Saturday, times to be announced)
July 27	Grades Due By 12:00 (noon)

### Session IV (17 days)

Jun 29	Classes Begin
June 2	Drop/Add/Registration Ends
July 4	Independence Day Holiday (no classes, offices closed)
July 10	Last Day to Withdraw With a Grade of W
July 24	Final Instruction / Examinations
July 25	Graduation (Saturday, times to be announced)
July 27	Grades Due By 12:00 (noon)

# THE UNIVERSITY SYSTEM OF GEORGIA

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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 19 members, five of whom are appointed from the state-at-large, and one from each of the 14 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 31 colleges and universities that comprise the University System of Georgia and has oversight of the Georgia Archives and the Georgia Public Library System.

## Contact Information:

Board of Regents of the University System of Georgia  
270 Washington Street, SW  
Atlanta, Georgia 30334  
[www.usg.edu](http://www.usg.edu)

Information about the University System of Georgia can be accessed at:

- 2013-2018 Strategic Plan and Public Agenda [www.usg.edu/strategicplan](http://www.usg.edu/strategicplan)
- Profiles of the members of the board [www.usg.edu/regents/members](http://www.usg.edu/regents/members)
- Profiles of the 31 USG institutions [www.usg.edu/inst](http://www.usg.edu/inst)

# UNIVERSITY OF WEST GEORGIA

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## Officers of General Administration

Kyle Marrero, B.M., M.M., D.M.A.	<i>President</i>
Micheal Crafton, B.S., M.A., Ph.D.	<i>Provost and Vice President for Academic Affairs</i>
James R. Sutherland, B.A., B.S., M.B.A., C.P.A.	<i>Vice President for Business and Finance</i>
Scot Lingrell, B.A., M.A., Ph.D.	<i>Vice President for Student Affairs and Enrollment Management</i>
James W. Estes, B.S., M.S., Ed.D.	<i>Vice President for University Advancement</i>

## Academic Officers

Jennifer Schuessler, B.S.N., M.N., Ph.D.	<i>Dean of the Tanner Health System School of Nursing and Professor of Nursing</i>
Dianne L. Hoff, B.S., M.S., Ed.D.	<i>Dean of the College of Education and Professor of Educational Leadership</i>
Faye S. McIntyre, B.B.A., M.B.A., Ph.D.	<i>Dean of the Richards College of Business and Professor of Marketing</i>
Randy J. Hendricks, B.S., M.A., Ph.D.	<i>Dean of the College of Arts and Humanities and Professor of English</i>
Farooq A. Khan, M.Sc., Ph.D.	<i>Dean of the College of Science and Mathematics and Professor of Chemistry</i>
N. Jane McCandless, B.A., M.A., Ph.D.	<i>Dean of the College of Social Sciences and Professor of Sociology</i>
Michael D. Hester, B.A., M.A., Ph.D.	<i>Dean of the Honors College and Trans-Disciplinary Programs</i>
Melanie N. Clay, B.S., M.P.A., Ed.S., Ph.D.	<i>Executive Director of Extended Learning and Dean, USG eCore</i>

## Administrative Staff Officers

Justin Barlow, BSED, BS, MA	<i>Director of Admissions</i>
Lorene Flanders, A.B., M.L.M., M.A.	<i>Dean of University Libraries and Professor</i>
Donna K. Haley, B.S., M.B.A.	<i>Registrar</i>
Rachel Robinson, B.S., M.Ed.	<i>Director of Continuing Education and Public Services</i>

# THE UNIVERSITY

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## 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 reached an all-time high with 11,929 students in the 2013 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 almost 12,000. 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 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 masters degrees are offered: The Master of Arts with majors in criminology, English, history, psychology, and sociology; the Master of Music; and the Master of Public Administration. There is the Master of Science degree with majors in applied computer science, biology, and mathematics, and the Master of Science in Nursing. The Master of Professional Accounting, Master of Business Administration, and Master of Arts in Teaching in Secondary Education (biology, broad field science, business education, chemistry, economics, English, history, mathematics, political science, and physics) and Special Education are offered as well. The Master of Education degree is offered with majors in art education\*, business education, early childhood education, professional counseling, media, reading, secondary education (biology, broad field science, English, history, mathematics, and earth science), special education, and speech-

language pathology. Also offered is the Specialist in Education degree with majors in educational leadership, business education\*, early childhood education, professional counseling, media, and special education. In addition, the Doctor of Education in School Improvement and the Doctor of Education in Professional Counseling and Supervision are offered through the College of Education, a Ph.D. in Psychology : Society and Consciousness is offered through the College of Social Sciences. Graduate certificate programs are offered in selected areas of the arts and sciences. We also offer non-degree initial, post-baccalaureate and post-graduate (add-on) certificate programs in selected areas.

\*These programs are currently suspended.

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. In 2013, the Board of Regents of the University System of Georgia voted to approve the acquisition of the real property at 80 W. Jackson Street, the site of the historic Newnan Hospital facility. UWG will serve students from this new site in early 2015. With an enrollment of more than 500, the Newnan Center provides core curriculum, as well as full bachelor and masters programs, and dual enrollment for high school students. (See Public Services chapter on page 66.)

In June, 1996, the Board of Regents of the University System of Georgia awarded the institution university status and 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 has seen significant growth in recent years. Two new phases of residential housing provide variety to on-campus students including the apartment-style Center Pointe Suites, the Oaks and the East Village Dining Hall, and recently renovated Bowdon Hall. The campus center (student recreational facility), University Bookstore and the Visual Arts Building provide more access to students, while the Coliseum and the Athletic Operations Building offer new space for UWG's expanding Athletics program. When all projects are complete, the gross asset value of the University's facilities will be approximately \$300 million. The University has grown to nearly 645 acres.

## **Presidents of the 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.

Dr. Sethna retired as UWG president on June 30, 2013, after 19 years of service. The University System of Georgia performed a complete national search and named Dr. Kyle Marrero as UWG's seventh president, effective July 1, 2013.

## **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, programs and courses offered online, 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**

UWG 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 school aged 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 with the Southern Association of Colleges and Schools Commission on Colleges to award baccalaureate, masters, education specialists, and doctorate degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of the University of West Georgia.

The purpose of publishing the Commission's address and contact numbers is to enable interested constituents (1) to learn about the accreditation status of the institution, (2) to file a third-party comment at the time of the institution's decennial review, or (3) to file a complaint against the institution for alleged non-compliance with a standard or require-

ment). However, normal inquiries about the institution, such as admission requirements, financial aid, educational programs, etc., should be addressed directly to the institution and not to the Commission's office.

Accreditations also include the following:

*AACSB International-The Association to Advance Collegiate Schools of Business*  
*Council on Academic Accreditation in Audiology and Speech-Language Pathology of the American Speech-Language Hearing Association*  
*Commission on Collegiate Nursing Education*  
*Computing Accreditation Commission of ABET*  
*Council for Accreditation of Counseling and Related Educational Programs*  
*National Association of Schools of Art and Design*  
*National Association of Schools of Music*  
*National Association of Schools of Public Affairs and Administration*  
*National Association of Schools of Theatre*  
*National Council for Accreditation of Teacher Education*

Organizations in which the University holds institutional membership include the American Council on Education, the American Chemical Society, the American Association of State Colleges and Universities, the American Association of Colleges for Teacher Education, the Council on Adult and Experiential Learning, the National Association for Business Teacher Education, and the National Collegiate Honors Council.

## The Campus

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

Front Campus Drive, a three-block-long expanse of rolling hills shaded by scores of towering oak, elm and maple trees, features historic structures such as Kennedy Interfaith Chapel and Bonner House, two of the oldest buildings on campus. 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.

A modern academic complex composed of a newly renovated library, the Technology-enhanced Learning Center, as well as social science, humanities and math-physics buildings lies beyond Front Campus Drive. Other buildings in the area include the Richards College of Business; the three-story University Community Center; the Campus Center, which boasts a full gym, indoor track and rock-climbing wall; the Townsend Center for Performing Arts; and the newly-constructed Visual Arts Building.

UWG also features some of the region's most impressive athletic facilities. The Coliseum, with a capacity of 6,500 for athletic events, has hosted concerts, graduations and community events.

University Stadium, the new 9,500-seat home to UWG football, anchors the university's athletic complex. There are also football and soccer practice fields, as well as the Women's Complex, which features competition soccer and softball fields.

The Greek Village and suite- and apartment- style residence halls offer comfortable and convenient living options for students on campus. The most recent additions include Center Pointe Suites and the East Village.

The on-campus bookstore, conveniently located across the street from both the TLC and the Greek Village, offers textbooks, spirit wear, snacks and more

The university's newest facility is the Tanner Health System School of Nursing Building. With 64,000 square feet of technology-equipped space, the new building provides nursing students with unprecedented access to state of the art equipment.

A commitment to campus growth and expansion will continue to be a priority for our institution, with several construction projects on the horizon.

## **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 provides seating space for 800, three electronic classrooms, small group study rooms, 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 as well as in the Starbucks cafe and adjacent patio overlooking Love Valley.

The library is named in honor of Irvine Sullivan Ingram, 1892-1981, 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 and displays of new books, current newspapers and periodicals. Ingram Library houses a collection of student and faculty art, including "The Prophet," a bronze by Gary Coulter, presented by the Class of 1968. A bowl by renowned artist Phillip Moulthrop, Class of 1969, which Mr. Moulthrop donated to the College of Arts & Humanities in 2012, is displayed on the main floor.

Library collections include some 450,000 cataloged volumes, some 1,000,000 microforms, and more than 20,000 maps and charts. The library provides access to over 70,000 print and electronic serials, including magazines, scholarly journals, and newspapers. As a selective depository for federal documents, the library houses United States government publications and provides access to government information available in online and other electronic formats. 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, faculty and staff through any computer with internet access. By providing access to an extensive range of online materials, through its chat reference service, by 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; the Library's Off-Campus Services unit provides materials to such students as needed, upon request through its ILLIAD system. .

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.

The library pursues an active instruction program. LIBR 1101, a for-credit course which is part of Area B of the Core, is taught face to face as well as online. The course is designed to orient students to doing research in academic libraries and to critically evaluating information and media resources. Library skills classes are also arranged at the request of faculty and tailored to specific assignments and class needs. Individuals seeking assistance with library resources and research needs can utilize reference services at the reference desks, via telephone, and through the 24/7 online chat reference service available through the library web site. Students can make personal research appointments with librarians through the GoPRO service.

The Annie Belle Weaver Special Collections area on the ground 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. The Humanistic Psychology and Parapsychology collections include the papers of Sidney Jourard, Carmi Harari, William Roll and Edith Weisskopf-Joelson. A special effort is 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 recorded between 1985 and 1995 as well as interviews with his staff and some of his supporters. The Thomas B. Murphy Reading Room and State Capitol Office installation, dedicated in 2012, honors Georgia House Speaker Tom Murphy who left office in 2002 with the distinction of serving as the nation's longest-serving House speaker. Murphy's office was replicated as part of a library facility renovation completed in 2011 and funded with a special state legislative appropriation honoring his service to the state of Georgia. The university's Center for Public History and Thomas B. Murphy Center for Public Service are located on the ground floor of the library.

The library hosts numerous cultural programs, including nationally-touring exhibits, concerts, lectures and readings. Ingram Library's Penelope Melson Society, established in 2008 in recognition of the library's centennial, serves as the library's friends group. The Melson Society assists the library in securing and funding programs to draw the campus and surrounding community together. Information about library programs and services is

distributed through publications available in the building, and through the library web site. An online announcements site outlines upcoming events, programs and classes.

## **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. The Center is administered by the Georgia Commission on the Holocaust. 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 state and regional organizations, the Center provides curriculum development assistance, teacher conferences, staff development seminars, exhibits, and other programs.

## **Information Technology Services**

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

Information Technology Services' (ITS) central office and Service Desk is located on the 2nd Floor of Cobb Hall. ITS provides technology leadership and support to all areas of the University of West Georgia community. ITS offers a wide variety of technical services — from support of your UWG ID to the planning and maintenance of the campus technology infrastructure including:

- Technology infrastructure providing both wired and wireless network access (connectWest),
- On campus computing lab facilities for general purpose/homework and specialized use,
- Support of all technology enhanced classrooms,
- The campus portal ([myuwg.westga.edu](http://myuwg.westga.edu)),
- E-mail access powered by Google,
- Collaborative services powered by Google including Google Docs, Google Drive, Google Sites, and Google Calendar,
- Student Information Technology Services (SITS) providing no cost labor for current students who need help with their personal computers and mobile devices,
- Residential Network Services (RESNET) providing network support to students living on campus,
- Student information system access (Banweb),
- and telephone and cable TV service.

The status of all system-wide IT services can be found on our service status page (<http://status.westga.edu>).

## International Services and Programs

The International Services and Programs Office, located in 229 Row Hall, provides advising and support for students seeking to study abroad and for international students and scholars on the UWG campus. The office helps students identify appropriate education abroad programs from those offered by UWG departments, by the University System of Georgia and by our institutional exchange partners. ISP provides counseling on preparation for travel, course selection and ways to finance study abroad. For international students, the office provides assistance and advice regarding housing, immigration matters, finances, personal adjustment, and referrals to appropriate members of the University and the Carrollton community. ISP also offers services to faculty who are here on F, J or H visas and assists interested UWG faculty in developing study abroad programs relevant to their disciplines.

## The Antonio J. Waring, Jr. Archaeological Laboratory

<http://waring.westga.edu>

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 Science and Mathematics was established in 2002 through an estate gift of Sara Hazeltine and match-

ing 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.

## **The University of West Georgia 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 Alumni Association is open to all former students of the University of West Georgia, West Georgia College, or the Fourth District Agricultural and Mechanical School. The Board of Directors, along with several lifetime members, directs activities of the Association. The Association informs alumni of institutional plans, progress, opportunities, and needs.

Through the Alumni Office, communication with alumni is achieved through the alumni magazine, *Perspective*, and *Perspective Online* other smaller publications, as well as an electronic newsletter. Major activities sponsored by the Alumni Association include Homecoming, "On the Road" regional alumni receptions, and many other reunions and special events that involve hundreds of alumni each year.

## **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 University of West Georgia Athletic Foundation**

The University of West Georgia Athletic Foundation is an independent, non-profit organization that strives to support a preeminent intercollegiate athletics program at the University of West Georgia by providing student athletes the opportunity to achieve excellence in academics, community service, and athletic competition.

# STUDENT AFFAIRS AND ENROLLMENT MANAGEMENT

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<http://www.westga.edu/vpsa>

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 under the direction of the Vice President for Student Affairs and Enrollment Management.

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 - <http://www.westga.edu/admissions/>
- Advising Center - <http://www.westga.edu/advising/>
- Career Services - <http://careerweb.westga.edu/>
- Center for Academic Success - <http://www.westga.edu/cas>
- Center for Adult Learners & Veterans
- Center for Diversity and Inclusion - [http://www.westga.edu/diversity/index\\_10836.php](http://www.westga.edu/diversity/index_10836.php)
- Center for Student Involvement - <http://www.westga.edu/csi/1993.php>
- Counseling Center - <http://www.westga.edu/counseling/>
- Enrollment Services Center - <http://www.westga.edu/esc/>
- Financial Aid - <http://www.westga.edu/finaid/>
- First Year Experience - <http://www.westga.edu/fyp/>
- Graduate & International Admissions
- Health Services - <http://www.westga.edu/health/>
- Housing & Residence Life - <http://www.westga.edu/housing/>
- Registrar's Office - <http://www.westga.edu/registrar/>
- Student Conduct - <http://www.westga.edu/handbook/60.php>
- University Recreation - <http://www.westga.edu/campus/>

## **Student Activities**

### **Art, Drama, and Music**

The Departments of Art, Music, 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, Symphonic Band, Jazz Ensemble, Jazz Combos, and a variety of small woodwind, brass, and percussion ensembles.

The Department of 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.

### **Debate**

West Georgia has a phenomenal debate program. In 2010, for the 38th consecutive year, a West Georgia team qualified for the National Debate Tournament. West Georgia's consecutive year-streak of qualifying for the NDT is the fifth longest in the history, surpassed only by Dartmouth, Harvard, University of Kansas and the University of Southern California.

In the past 6 years alone, UWG Debate has been national runner up and finished top 5 in the nation three other times.

### **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.

The WOLF Internet Radio 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 WUTV which air over the local cable channel.

### **Publications and Printing (Your on-Campus Copy Center)**

Publications and Printing, Your On-Campus Copy Center, offers full-color and black-and-white copying and printing, publications design, large-format posters printed and mounted, and more. While-you-wait-service is available, as is a computer design station in the lobby for your use. A full-time staff is available to assist students, faculty, and staff with printing needs, including banners, signs, brochures, soft-bound and hardcover books, letterheads, envelopes, business cards, fliers, promotional materials, laminating, etc. Files can be e-mailed for your convenience. The print shop is located off Back Campus Drive on Pub and Print Drive, across from the East Commons Dining Hall. Hours are Monday through Friday, 8:00 a.m. to 5:00 p.m.

## 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 current conditions provided by University Police 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 University Police Weather Line, 678-839-6200 (day and night) - Please Do Not call the Emergency Number; the office of University Communications and Marketing, 678-839-6464 (daytime only); or visiting the University Website at [www.westga.edu](http://www.westga.edu) or enroll in Wolf Alert - the University's emergency warning system. To register, log into the Portal and within the University Police box, click on the Wolf Alert icon and enroll your phone(s) and e-mail addresses.

## 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 in the Student Organizations section.

Annually, each of the thirty-one 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.

# EXPENSES

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## **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 course bulletin, students UWG email account, 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 33.3% associated with the collection of an unpaid debt.

To insure 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 MasterCard, Discover, American Express, VISA, or by check in the exact amount of the student's 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 for a year. 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.

## **Tuition and Other Student Fees**

All students pay the established tuition and mandatory fees (e.g., health, athletic, technology, activity, campus center, transportation fees, and etc.) which are listed on the Bursar's website at <http://www.westga.edu/bursar/index.php>. A few courses require special fees, such as private music lessons, aquatic, and science courses, and are listed at <http://www.westga.edu/assetsDept/bursar/Fees%282%29.pdf>. These fees are an estimation and are subject to change per the Board of Regents.

## **Table of Charges**

Registration at the beginning of each semester is not complete until all fees and charges have been paid, including for previous semesters. Fees and charges are due by the pub-

lished deadlines. A late fee is charged beginning the day after new student registration. See the Bursar's site at [http://www.westga.edu/bursar/index\\_21481.php](http://www.westga.edu/bursar/index_21481.php) for tuition and fees.

## **Residence Hall Charges Per Semester**

Housing rates can be viewed on the Housing and Residence Life website. Contracts are for 9 months, although rates are listed per semester. The Housing Rates page includes the rates for the Application Fee, Special Interest Housing Fee, and Social Fee, which is assessed each semester to all on-campus residents except Greek Village residents (due to Parlor Fee). The social fee is used to support resident hall activities.

For a combined listing of meal plans and residence halls, see the Bursar's site at [http://www.westga.edu/assetsDept/bursar/Housing-Meal\\_Plan\\_FY14%282%29.pdf](http://www.westga.edu/assetsDept/bursar/Housing-Meal_Plan_FY14%282%29.pdf).

## **Meal Plans**

Requests for meal plans should be submitted at the Wolves Card Office, located on the top floor of the University Community Center, online through My UWG/Ban Web, or online with Dining Services PRIOR to registering for your classes so the cost can be included in registration fees.

### **Meal Membership Policies**

1. Meal Memberships cannot be changed or cancelled after the Drop/Add period.
2. Meal Memberships cannot be used by anyone other than the purchaser of the plan; violators will be subject to campus judicial review.
3. Meal Memberships are loaded onto students' ID cards.
4. ID replacement charges are \$20.00 each.
5. Balances in debit dollar accounts will be forfeited if the student is not enrolled in the next consecutive semester.
6. Membership meals must be used during the semester in which they are purchased.
7. Meal Plan membership changes or cancellations made before the end of drop/add period will be charged on a prorated basis.
8. Requests to be exempt from a required meal plan must be emailed by the student to the Assistant Vice President for Auxiliary Services (mailto:mreeves@westga.edu), who will in-turn forward to the Meal Plan Appeals Committee for a final decision; grant/deny
9. All membership plan pricing is subject to final approval by the Board of Regents and is subject to change.

## **Fall 2014-Spring 2015**

### **Residential Freshmen:**

University of West Georgia requires all freshmen students, that live outside of a 30 mile radius from the campus, to reside on campus and participate in a freshman meal plan. This policy applies to all residential freshmen that have not completed two (2) semesters of residence or thirty (30) credit hours of academic work

### Freshman Meal Plans:

*All Access Membership ~ \$1,916.00 per semester*

Unlimited meals at Z-6 or East Common. Membership includes \$200 Dining Dollars\* to be used at Z-6 or East Commons, Centre Cafe, Center Pointe POD, TLC POD, Wolves Den & Java City locations. BONUS-2 Guest Passes to be used at Z-6 or East Commons for family or friends. Also includes a lunch-time meal exchange at the Centre Cafe.

*Wolves Membership ~ \$1,714.00 per semester*

14 meals a week at Z-6 or East Commons. Membership includes \$250 Dining Dollars\* to be used at Z-6, East Commons, Centre Cafe, Center Pointe POD, TLC POD, Wolves Den & Java City locations. BONUS-2 Guest Passes to be used at Z-6 or East Commons for family or friends. Also includes a lunch-time meal exchange at the Centre Cafe.

*Basic Membership ~ \$1,412.00 per semester*

14 meals a week at Z-6 or East Commons. \*\*\*Restricted to residential Freshmen ONLY.\*\*\*

~~Freshmen living on campus with less than 30 credit hours must participate in the All Access, Wolves, or the Basic Membership. Meal plan Appeals should be sent, via email, to the Assistant Vice President for Auxiliary Services – mreeves@westga.edu ~~

### Upper Classmen - Also have the choice of the following plans:

*Cub Membership~ \$1,349.00 per semester*

10 meals a week at Z-6 or East Commons. Membership includes \$300 Dining Dollars\* to be used at Z-6 or East Commons, Centre Cafe, Center Pointe POD, TLC POD, Wolves Den & Java City locations. BONUS-2 Guest Passes to be used at Z-6 for family or friends.

*Pup Membership ~ \$906.00 per semester*

7 meals a week at Z-6 or East Commons. Membership includes \$150 Dining Dollars\* to be used at Z-6 or East Commons, Centre Cafe, Center Pointe POD, TLC POD, Wolves Den & Java City locations. BONUS-2 Guest Passes to be used at Z-6 for family or friends.

*Budget Membership ~ \$649.00 per semester*

5 meals a week at Z-6 or East Commons. Membership includes \$100 Dining Dollars\* to be used at Z-6 or East Commons, Centre Cafe, Center Pointe POD, TLC POD, Wolves Den & Java City locations. BONUS-2 Guest Passes to be used at Z-6 for family or friends.

*Block 50 Membership ~ \$358.00 per semester*

50 meals per semester at Z-6 or East Commons.

*Block 20 Membership ~ \$148.00 per semester*

20 meals per semester at Z-6 or East Commons.

*West GA Debit Plan ~ \$200.00 per semester*

\$200 Dining Dollars\* to be used at Z-6 or East Commons, Centre Cafe, Center Pointe POD, TLC POD, Wolves Den & Java City locations.

*West GA Debit Reload ~ \$50.00 per reload*

\$50 Dining Dollars\* to be used at Z-6 or East Commons, Centre Cafe, Center Pointe POD, TLC POD, Wolves Den & Java City locations.

*\*Balances left in Dining Dollars accounts are forfeited if student is not enrolled in the next consecutive semester.*

## **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 account.

If a student leaves the residence hall and does not withdraw from school, they are still held responsible for the remainder of the yearly room charge. Students wishing to be considered for a housing release must apply at the Department of Residence Life. All housing refunds will be issued through the student's HigherOne account.

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 account.

A refund of all semester 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 account.

## **Tuition Classification of Students as In-State and Out-of-State**

All applicants who are accepted for admission or readmission to the University of West Georgia for Fall, 2011, or any academic semester thereafter, and who seek to be classified as in-state for tuition purposes, will be required to provide validation of residency and lawful presence in both the State of Georgia and the United States.

The University System of Georgia allows students who have been admitted to the University of West Georgia as out-of-state for tuition purposes, to apply for in-state status through various tuition differential waivers. For more information, see the Registrar's site at <http://www.westga.edu/registrar/473.php>.

# ADMISSION

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## General Admission 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](http://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 \$40 non-refundable application fee. (Georgia residents 62 years of age or older are not required to pay the application fee.)

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 Office of Admissions regarding details of the appeals procedure.

Admissions files of those who apply and do not enroll are kept in the Office of Undergraduate Admissions for 12 calendar months. An applicant may update the semester for which he/she is applying within 12 months by calling the Office of Undergraduate Admissions. Applicants who apply and do not enroll may update their initial application one time. After one update, an additional application and fee will be required.

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: The policy, implementation, guidelines, and the chart of required immunizations can be found at [http://www.usg.edu/student\\_affairs/immun/](http://www.usg.edu/student_affairs/immun/).

## Undergraduate Application and Document Deadline Dates

Fall Semester	June 1
Spring Semester	November 15
Summer Semester	May 15

## 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.

## 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)/Required High School Curriculum (RHSC) courses only, and Freshman Index (FI).

Students must have completed CPC/RHSC requirements as outlined in the second item in the following list.

1. High school graduation with a college preparatory/required high school curriculum diploma is required for admission as a beginning freshman. Both completion of the University System's College Preparatory Curriculum (CPC)/Required High School Curriculum (RHSC) 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.
2. The University System of Georgia requires completion of a College Preparatory Curriculum/Required High School 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 (4)*	-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.

\*Students graduating earlier than 2012 only need 3 units of science. For more details regarding the Required High School Curriculum (RHSC), visit:  
<http://www.westga.edu/rhsc>

3. Each freshman applicant must submit scores earned on the SAT or 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 scores are received.
4. 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.
5. In addition to the minimum test score requirement, a minimum Freshman Index of 2120 is required for any level of freshman or transfer freshman admission.
6. Students whose index falls between 2050-2120 may be eligible for conditional admission and attendance in Ignite, UWG's Summer Transition Program.
7. 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 section on page 38).

## Admission of Home Schooled Students

### Applicants Who Have Completed an Accredited Home School Program

Applicants completing an approved, accredited home school program need only meet traditional freshman admission requirements.

### Applicants Who Have Not Completed an Accredited Home School Program

Home educated applicants who have not completed an accredited home school program must submit the following:

- Application for Undergraduate Admission
- \$40 non-refundable application processing fee
- Official SAT or ACT scores\* (sent directly to UWG by the testing agency)
- Completed Home School Curriculum Evaluation Form, which provides satisfactory documentation of equivalent competence in each of the College Preparatory Curriculum (CPC)/Required High School Curriculum (RHSC) areas.
- Copy of current Declaration of Intent to Home School as filed with the state.

\*University System of Georgia requires Home Schooled students who have not completed an accredited home school program to take the SAT or the ACT and to meet the minimum total score of the average combined score of the preceding year's enrolled Fresh-

man Class.

The standard for home schooled applicants is the average combined critical reading and math scores of the preceding Fall class (minimum subsection scores are 430 Critical Reading and 410 Math) or the ACT Composite equivalent (minimum sub section scores are ACT English 17 and 17 Math).

### **Home Schooled Applicants Applying as Transfer Students**

Transfer applicants who graduated from a non-accredited home school program, and who have earned less than 30 credit transferable, semester hours at the time of the UWG admission application, must meet Freshman admission requirements, including submission of the Declaration of Intent to Utilize a Home Study Program Form or a print out of your online submission. Transfer applicants completing an approved, accredited home school program need only meet traditional Freshman requirements.

## **Adult, Non-Traditional Applicants**

### **Non-Traditional Freshmen**

Non-traditional freshmen are defined as individuals who meet all of the following criteria

1. Have been out of high school at least five years and whose high school class graduated at least five years ago.
2. Hold a high school diploma from an accredited or approved high school or have satisfactorily completed the GED, and
3. Have earned fewer than 30 transferable semester credit hours.

### **Non-Traditional Transfer**

1. Have been out of high school at least five years or whose high school class graduated at least five years ago, and
2. Have earned thirty (30) semester or more transferable hours of college credit.

All non-traditional applicants will be screened to determine their need for learning support courses. Students who require these support courses will not be admissible to UWG until they have satisfied this requirement.

## **Opportunities for Students During High School**

West Georgia offers multiple options for students seeking to begin college early. these opportunities are:

- Dual Enrollment (enrolling in both high school and college during the junior and/or senior year)
- Early-Entrance-to-College (enrolling solely in college courses during a student's senior year in order to graduate from high school while living at home)
- The Advanced Academy of Georgia (please see the description below)

## **Dual Enrollment and Early-Entrance-to-College**

Requirements for Admission:

- Combined SAT of 970 (or ACT 20)\_
- SAT Critical Reading 430 (or ACT English 17)

- SAT Math 410 (or ACT Math 17)
- High School Academic GPA of 3.0

To be admitted as dual enrolled student, applicants must also have successfully completed the following full-year units of Required High School Curriculum (RHSC): English-2, mathematics-2, science-2, and social sciences-1. Early-Entrance to college students must, in addition, have successfully completed one additional unit of each curriculum area. Both student groups 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).

Students wishing to participate while a member of a home school program are exempt from submitting the high school principal/guidance counselor consent.

Both Dual Enrollment and Early-Entrance-to-College students are not eligible to live in campus residence halls.

*Note: Students with a combined SAT score in the upper 5% of national college-bound seniors are eligible for full admission to the university as an "Outstanding Student" regardless of high school course completion. Contact the Office of Admissions for further details.*

To apply for admission, students should contact the West Georgia Admissions Office or their high school guidance counselor and complete the University of West Georgia's application for admission. No student required to participate in screening for learning support courses will be admitted. More information regarding the Advanced Academy is available from the Director of The Advanced Academy, Gunn Hall, 678-839-6249.

Students who attend UWG prior to graduating from high school 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.

## **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 <http://www.advancedacademy.org> 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, Gunn Hall, 678-839-6249.

## **The Hope Accel Program**

Funded by State appropriations and administered by the Georgia Student Finance Commission, Accel helps fund early-entrance course work. Courses pursued by students in the Accel Program must come from the approved course directory available at [www.gacollege411.org](http://www.gacollege411.org). Complete Accel Program Regulations and eligibility rules can also be found at [www.gacollege411.org](http://www.gacollege411.org). For more detailed information regarding Accel at the University of West Georgia, visit: [www.westga.edu/admiss](http://www.westga.edu/admiss).

## **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 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/registrar/> Freshman and sophomore level credit is awarded for the Cambridge International "A" levels. Please contact the Assistant Registrar for Transfer Equivalency <http://www.westga.edu/registrar/> 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/registrar/>

#### DEPARTMENTAL EXEMPTIONS

Several academic departments offer credit by examination, such as the English and Math Departments (see requirements below). The Department of Foreign Languages and Literatures also allows students to exempt certain introductory foreign language courses. Interested students should contact these departments directly.

##### English Placement

Students whose SAT Critical Reading is at least 430, but less than 570 will take ENGL 1101. Likewise, students whose ACT English is at least 17, but less than 25 will take ENGL 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 ENGL 1101. ENGL 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 2010.*

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 Office 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. For more information, see "Mathematics SAT Score for determining Course Placement and Credit" in the Undergraduate Academic Policies Section.

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.

## 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 the Honors College Chapter on page 55 of this catalog 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 (see freshman requirements for additional details).

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.

Transfer students will be considered for admission on the basis of their previous college records:

1. They must have a minimum cumulative grade point average of 2.0 in all transferable college work attempted (non-traditional transfer students with greater than 45 quarter hours/30 semester hours of transferable work may be considered with a lower GPA on a case-by-case basis in order to determine their ability to be successful).
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. Students who have been away from high school for less than five years must have completed all RHSC deficiencies and/or Learning Support requirements prior to being admissible and show both English and math proficiency through course credit. Students who have been away from high school for greater than five years may prove proficiency in English, Reading, and Math either through Compass testing, valid SAT/ACT scores (less than seven years old), or completion of college coursework. Transfer students from an out-of-state institution may also prove proficiency via the COMPASS on a case by case basis. Please contact the Admissions Office for further policy details.
4. 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 Commission of Colleges (COC) accredited is not reviewed for transfer credit. The following stipulations on the transfer of credit are upheld:

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.

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. Dual/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.
4. Transfers From Technical College System of Georgia Colleges

The Board of Regents and the Technical College System of Georgia have 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.

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. 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–  
COMPASS 74  
ASSET 41

Writing–  
COMPASS 60  
ASSET 42

Mathematics–  
COMPASS 37  
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.

Exit from Learning Support at a COC-accredited TCSG institution will be honored if the student has a record of meeting the TCSG minimum test score requirement for exit at UWG within the past year.

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 #7 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.
11. The University System of Georgia Board of Regents authorizes the Office of the Provost and Vice President for Academic Affairs to make decisions about exceptions on a case-by-case basis when questions arise about course substitutions in the Core curriculum.

Transfer course equivalencies may be viewed at <http://westga.edu/transfer> 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 \$40 non-refundable fee for each semester of transient study. 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:

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.

1. 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.
2. 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.
3. 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 above.
4. 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.
5. 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.
6. Transient students –who are not seeking a UWG degree– register on the first day of on-time/open registration.

## Unclassified Student

All applicants who hold baccalaureate degrees should apply for admission through the Admissions Office.

Students accepted by the Office of Undergraduate Admissions as unclassified/post baccalaureate are only required to show academic proof of a degree for admittance but are not eligible for financial aid consideration. Unclassified students are eligible to begin registering for courses three days prior to the start of each semester. 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 and are eligible to begin registering for courses three days prior to the start of each semester. An application form must be submitted to the Office of Admissions (including a \$40 non-refundable fee) prior to the application deadline date of the semester for which they plan to enroll. Auditors who do not stay continuously enrolled must reapply each term they wish to be an auditor. 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 'legally domiciled resident' 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 students apply four (4) to six (6) months prior to the semester 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, whose native language is *not* English, must meet English language proficiency requirements.\*
2. 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.\*\*
3. 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](http://www.toefl.org) or 609-771-7100)
- Official test results from the International English Language Testing System (IELTS) with a minimum score of 6.
- 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 ac-

credited 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:**

WORLD EDUCATION SERVICES, INC.

P.O. Box 5087

Bowling Green Station

New York, NY 10274-5087

[www.wes.org/contact](http://www.wes.org/contact)

[www.wes.org/apply](http://www.wes.org/apply)

In order to attract international students, the University may waive all or a part of 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 for "F1" visa holders; 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 Office 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 including high school graduation, SAT or ACT scores, and Learning Support enrollment exemption, 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 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 \$40 application fee. They should write across the top of the application form *Georgia resident 62 years of age or older* and should submit proof of age and Georgia residency (GA Driver's License or other official document showing age and residency). 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 Enrollment Services Center at least three weeks 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, Advanced Academy, or seeking a second degree 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 Housing and 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.

#### *Readmission of UWG candidates for graduation or those who have recently graduated*

Student records are marked inactive for the term immediately following their scheduled graduation. Currently enrolled students who are candidates for an upcoming graduation or students who have recently graduated must complete a readmission application to enroll in courses for the next or future terms. During the readmission application process the student will be given the option of selecting to return as a degree seeking (2nd degree) or non-degree seeking (professional development) student.

Once the readmission application is processed, the student will need to meet with an academic advisor to be able to register for an upcoming semester. Students who are not currently enrolled will be able to register during the open registration period once they have been accepted and met with an academic advisor. See Registrar Calendar inside the SCOOP for registration dates.

## **Graduate Student Admission**

Admission to a Graduate Program involves submitting to the Office of Admissions, an application and a \$40 application fee. Each program has its own unique academic requirements. 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 Regents' Policies Governing the Classification of Students on page 30.

Additionally, in accordance with Board of Regents Policy 4.3.4, all applicants who are accepted for admission or readmission to institution for fall 2011 or any academic semester thereafter, and who seek to be classified as in-state for tuition purposes, will be required to provide validation of residency and lawful presence in both the state of Georgia and the United States.

# FINANCIAL AID

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[www.westga.edu/finaid](http://www.westga.edu/finaid)

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 (FAFSA) 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](http://www.westga.edu/finaid). Questions may be sent by e-mail to [finaid@westga.edu](mailto: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 qualify for financial aid, students must have a high school diploma or GED or have completed homeschooling at the secondary level.

### **Maintaining Satisfactory Academic Progress**

Satisfactory Academic Progress (SAP) requirements are meant to ensure that students are able to complete their academic program in a timely manner through achieving minimum academic standards. In an age of increasing accountability for the use of federal, state, and institutional student aid funds, institutions of higher education and their students must demonstrate that financial aid funds are being used to assist students in efficiently completing their academic goals.

The University of West Georgia (UWG) has developed the following Satisfactory Academic Progress policy for Financial Aid recipients to encourage student success and accountability in the use of Financial Aid funds for educational purposes. While the University of West Georgia maintains an academic progress policy for the determination of a student's continued academic eligibility for enrollment purposes, the Satisfactory Academic Progress policy for Financial Aid purposes may be more stringent in some components in order to maintain compliance with Federal Student Aid regulations (34 CFR 668.34).

I. Consistency of Application of SAP Standards

Unless otherwise noted, the SAP requirements as stated apply to all students regardless of the student's receipt of financial aid funds, the student's academic classification as an undergraduate or graduate student, or the student's academic program. Exceptions (as noted below) will include but are not limited to the minimum GPA requirement and maximum time frame hours for graduate students.

## II. Frequency of SAP Evaluation

The UWG Financial Aid Office will evaluate all students' Satisfactory Academic Progress status at the conclusion of each term of enrollment. At UWG, the term of enrollment is the semester. Students enrolled in summer semester will be evaluated for SAP at the conclusion of the summer semester.

## III. Grade-Point Average (GPA) Requirement

A. Undergraduate students will be evaluated each semester on the basis of cumulative GPA and the total number of hours attempted. Hours transferred will be included in determining the total hours attempted; however, the cumulative GPA will be computed only on the work completed at UWG (institutional GPA). The cumulative GPA required to maintain SAP for the total number of hours attempted is given below:

- 0 – 30 attempted hours = 1.8 minimum institutional GPA
- 31 – 60 attempted hours = 1.9 minimum institutional GPA
- 61 attempted hours & above = 2.0 minimum institutional GPA

B. Graduate students will be evaluated each semester on the basis of cumulative institutional GPA. The minimum cumulative GPA required to maintain SAP is 3.00.

C. Impacts on GPA regardless of undergraduate or graduate level:

- Transfer credits will not be included in the quality points or GPA hours. The GPA standard is based on UWG credits only.
- The first 30 hours of Learning Support (remedial) credits will be excluded from the GPA calculation.
- Incomplete courses taken at UWG will be excluded from the GPA calculation.
- Grades of W will be excluded from the GPA calculation (not from the pace of progression requirement; see next section)
- Grades of F or WF will count in the GPA calculation as 0 quality points.
- For courses which are repeated at UWG, the last attempt will count in the GPA calculation.
- These Financial Aid Satisfactory Academic Progress standards do not consider an Academic Renewal GPA. All prior institutional grades are included in the SAP GPA.

## IV. Pace of Progression

All students will be evaluated each semester to determine that they are making satisfactory pace of progression through their academic program. A minimum 67% cumulative completion ratio will be required at each evaluation period. Pace of progression is defined as the ratio of the cumulative number of credit hours completed divided by the cumulative number of credit hours attempted:

$$\text{Cumulative hours earned/Cumulative hours attempted} \geq 67\%$$

- Transfer credits accepted toward the student's UWG academic program will count as both earned and attempted hours in the calculation of the pace of progression ratio.
- The first 30 hours of Learning Support (remedial) credits will be excluded from the calculation of the pace of progression ratio.
- Incomplete courses taken at UWG will not count as earned hours but will count as attempted hours in the calculation of the pace of progression ratio.
- Withdrawn courses (grades of W or WF) taken at UWG will not count as earned hours but will count as attempted hours in the calculation of the pace of progression ratio.
- Failed courses (grades of F) taken at UWG will not count as earned hours but will count as attempted hours in the calculation of the pace of progression ratio.
- All repeated courses will count as attempted hours in the pace of progression ratio. Whether the repeated course counts as earned hours will depend on the status of the first attempt:
  - > First attempt not successfully completed, subsequent attempt successfully completed = one course counts as earned credits, both courses count as attempted credits.
  - > First attempt successfully completed, subsequent attempt also successfully completed = one course counts as earned credits, both courses count as attempted credits.
  - > First attempt not successfully completed, subsequent attempt not successfully completed = neither course counts as earned credits, both courses count as attempted credits.

## V. Maximum Time Frame

A student must complete their degree requirements within a specified number of attempted hours per the table below:

### Degree Program

### Maximum Attempted Hours

Bachelor's Degree	180 attempted hour
Master's Degree (36-hour program)	54 attempted hours
Additional Master's Degree	40 attempted hours
Ed.S. (Education Specialist) Degree	41 attempted hours
L5 Certificate (in Addition to Degree)	21 additional attempted hours
Speech Language Pathology (2-year track)	78 attempted hours
Psychology - Option I (Thesis)	59 attempted hours
Psychology - Option II (Non-Thesis)	72 attempted hours
Psychology - Option II (Licensure)	92 attempted hours
Ed.D. (Doctoral Degree in Education)	81 attempted hours
Ph.D. (Doctoral Degree)	117 attempted hours

- A student who is pursuing two majors or a major with minor(s) is still subject to the above Maximum Time Frame limitations.
- An undergraduate student who is pursuing two undergraduate degrees (concurrently or separately) will be granted an extension to 240 attempted hours. No extension of maximum attempted hours is permitted for more than two undergraduate degrees.
- A master's degree student who is pursuing an additional master's degree (concurrently or separately) will be granted an extension of 40 attempted hours above the first master's degree requirement. No extension of maximum attempted hours is permitted for more than two master's degrees.

- Graduate students above the master's degree will only be permitted the maximum attempted hours for the programs outlined above.

## VI. SAP Status

- A student's SAP status will be evaluated at the completion of each term of enrollment. At UWG, the term of enrollment is the semester. Students enrolled in summer semester will be evaluated for SAP at the conclusion of the summer semester. At each evaluation period, one of the following SAP statuses will be assigned:
  - Satisfactory – Student is meeting the GPA, Pace of Progression, and Maximum Time Frame requirements. Student is eligible to continue receiving federal, state, and institutional financial aid.
  - Warning – Student is not meeting either the GPA or Pace of Progression requirements (or both). Student is eligible to continue receiving federal, state, and institutional financial aid for one semester only. Continued eligibility beyond the warning semester will be contingent on the student bringing the deficient requirements to the required minimum standards.
  - FA Suspension – Student is not meeting either the GPA or Pace of Progression requirements (or both) after a Warning semester. Student is not eligible to continue receiving federal, state, and institutional financial aid until the deficient requirements return to the required minimum standards.
  - Maximum Time Frame Warning – Student is within 10 attempted hours of the allotted attempted hours for Maximum Time Frame for the student's degree program. Student is eligible to continue receiving federal, state, and institutional financial aid until the completion of the semester during which allotted attempted hours is crossed.
  - Maximum Time Frame – Student has exceeded the number of attempted hours for the academic program. Student has exhausted all eligibility to continue receiving federal, state, and institutional financial aid.
  - FA Probation – Student placed on FA Suspension or Maximum Time Frame provided an SAP Appeal which was approved by UWG review procedures. Student must complete the requirements of an academic plan which will be monitored by the Financial Aid Office in conjunction with other academic support offices. Student is eligible to continue receiving federal, state, and institutional financial aid for one semester only in coordination with the details of the academic plan. The student's continued eligibility beyond the probation semester will be determined at the conclusion of each semester in coordination with the details of the academic plan.

## VII. Appeals

A student who has been placed on FA Suspension or Maximum Time Frame may appeal the SAP status decision only in cases of extenuating circumstances. Examples of extenuating circumstances for which a student may file an SAP appeal may include a student's injury or illness, serious illness or death of an immediate family member, or other special circumstances. Each SAP appeal will be reviewed individually and decisions are made on a case-by-case basis as outlined in the procedures given below.

The SAP appeal process requires the submission of a written statement by the student outlining the extenuating circumstances which led to their academic difficulties, how the circumstances have now changed, and the student's plan for improving the academic status. The written statement must be typewritten, signed by the student, and must specifically address the courses, grades, and terms of enrollment which are affecting the insufficient SAP standing. The appeal must be accompanied by supporting documentation from at least two individuals who can corroborate the student's circumstances. If the documentation is provided by a professional (business, medical, counselor, clergy, etc.), the documentation must include the institution's professional letterhead, the professional's credentials, and must be signed. If a letter of support is provided by a personal reference (teacher, family friend, etc.), the documentation must be signed by that reference.

SAP appeals will be reviewed by a UWG committee comprised of FA staff and other faculty/staff representatives. A student who wishes to appeal the decision of the SAP Appeals Committee may submit a second appeal to the Director of Financial Aid. The decision of the Director of Financial Aid is final.

If a student's SAP appeal is granted by either the SAP Appeals Committee or the Director of Financial Aid, the student will gain eligibility for continued federal, state, or institutional Financial Aid eligibility for one semester only. The student and a representative from the Financial Aid Office will work cooperatively with the student's academic advisor and the Excel Center to put together an academic plan that will be monitored throughout the semester to be sure the student is making proper academic progress. In cases where it is mathematically impossible to bring the GPA or Pace of Progression ratio to required standards within one semester, the academic plan may be developed across multiple semesters, but it will be evaluated at the conclusion of each semester to be certain that the requirements at each checkpoint are being properly achieved by the student.

If a student's SAP appeal is denied by either the SAP Appeals Committee or the Director of Financial Aid, the student will not be eligible for federal, state, or institutional financial aid until the student returns the GPA and Pace of Progression ratio to required standards.

#### VIII. Notification of SAP Status

At each SAP evaluation period, the student's SAP status will be recorded in BanWeb. Students who are placed on FA Probation, FA Suspension, or Maximum Time Frame will be notified via e-mail to their UWG email account as well as via a postal letter mailed to the permanent address as recorded in BanWeb. Students who are placed on FA Warning will be notified via e-mail to their UWG email account. All notifications will occur within 3 weeks of the conclusion of the semester against which SAP is evaluated.

### **Free Application for Federal Student Aid (FAFSA)**

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.gov](http://www.fafsa.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 extreme 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 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 exceptional financial need.

### **Federal Pell Grant**

The Federal Pell Grant program provides federal grants 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. Students are now limited to receive 600% of Pell awards.

### **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 are deducted from the loan amount borrowed.

### **Ford Direct Unsubsidized Stafford Loan**

Any eligible student, regardless of need, may borrow from the Ford Direct Unsubsidized Stafford Loan Program. The annual loan limits are listed below 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 continues to accrue while the student is enrolled in school. The interest can also be deferred, but would be compounded to the principal of the loan.

Listed below are the maximum amounts a student may borrow each academic year of college:

Freshmen (up to 29 earned hours)	\$5,500
Sophomores (30-59 earned hours)	\$6,500
Juniors and Seniors (60 or more earned hours)	\$7,500
Provisional/Certification Students	\$7,500
Graduate Students	\$20,500

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 \$5,000 a year

*\*Not to exceed UWG costs of attendance for the academic year.*

## Veterans and Dependent Benefits

GI Bill benefits are available to qualified veterans and family members of deceased or VA determined 100% disabled veterans. For information contact the Atlanta Regional Veterans Administration Office, 1700 Clairmont Road, Decatur, GA 30033, or telephone 1-888-827-1000. More information is also available by accessing the websites [www.gibill.va.gov](http://www.gibill.va.gov) or [www.military.com](http://www.military.com)

Additional information may be found under Veterans Information on the university's Financial Aid website, [www.westga.edu/finaid](http://www.westga.edu/finaid).

## State of Georgia Programs

### Hope Scholarships

The State of Georgia provides the HOPE Scholarship to students who have graduated from a Georgia high school since 1993 with a 3.0 cumulative grade point average on all core coursework. 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 must use their HOPE scholarship within 7 years of graduating from High School. Students must complete the GSFAPP application found on the [GACollege411.org](http://GACollege411.org) website or the FAFSA.

Students remain eligible if they maintain a cumulative GPA of 3.0 at 30, 60, and 90 attempted 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 a portion of tuition only.

### Zell Miller Scholarship

The Zell Miller Scholarship program is available to students who have graduated from a Georgia high school with a minimum 3.7 grade point average combined with a minimum score of 1200 on the math and reading portions of the SAT test or a 26 composite score on the ACT test in a single test administration. (Test score must have been prior to high school graduation) This is available to students who graduated after 2011 only.

Students remain eligible if they maintain a cumulative GPA of 3.3 at 30,60, or 90 attempted semester hours. Zell Miller Scholarship recipients must have a cumulative GPA of 3.3 at the end of each spring term in order to continue their eligibility. The scholarship covers tuition only.

### **HOPE GED Voucher**

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 VA Certification Official (VCO) located in the Enrollment Services Center (ESC) completes all GI Bill enrollment certifications for students participating in any of the Veterans Affairs educational assistance programs. As early as possible, preferably after being accepted by the university and at least one month before entering the university, any student planning on enrolling under one of these programs should contact the VA representative in the Enrollment Services Office to initiate enrollment certification procedures. Students requesting enrollment certification for the first time should already be in possession of a Certificate of Eligibility (COE) from the VA. Each VA educational assistance program has its own set of rules/guidelines and students should be prepared to sustain initial university costs since benefits will not begin until several weeks after certification.

Veterans and family members planning to study using GI Bill benefits at the University of West Georgia should apply for admission as any other student. Eligibility for Veterans 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.

Students receiving Veterans benefits must adhere strictly to a planned program of study as indicated on the schools as well as all VA forms. Program changes must be reported promptly to the university's (VCO) in the Enrollment Services Center.

Students receiving VA educational benefits are also required to report to the university's (VCO) any changes in course load, 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 Enrollment Services Center, therefore, asks faculty members to report prolonged and excessive class absences so that the affected students' enrollment certifications may be terminated in a timely manner.

### **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 of fees and charges for COMPLETE withdrawal from the university 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 Enrollment Services Center (ESC), 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 Unsubsidized Stafford Loan
- Direct Subsidized Stafford Loan
- Federal Perkins Loan
- Direct Plus Loan
- Federal Pell Grant
- Federal SEOG
- Other Title IV assistance
- State Programs
- Private/Institutional Programs
- University of West Georgia Programs
- Student

## 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 through the Department of Financial Aid at the University of West Georgia, see the General Scholarship information, and download the application on-line at [www.westga.edu/finaid](http://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 labeled *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.

# HONORS COLLEGE & TRANS-DISCIPLINARY PROGRAMS

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Michael Hester, Dean  
<http://www.westga.edu/~honors/>  
678-839-6636

The Honors College includes the Advanced Academy of Georgia, the Office of Undergraduate Research, UWG Debate, and all Honors College curriculum and activities; it is also the clearing house for Presidential Scholarships and the Select Student program. Additionally, Transdisciplinary Programs includes the Center for Interdisciplinary Studies.

## **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 Admissions section on page 31.

## **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 Humanities, Education, Science and Mathematics, Social Sciences, Richards College of Business, and Tanner Health System School of Nursing), 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 any two of the following five criteria: (1) a composite SAT score of at least 1750 or an ACT Composite score of 26, (2) a minimum score of 650 on the Critical Reading portion of the SAT or an ACT English score of 28, (3) a minimum score of 650 on the Math portion of the SAT or an ACT Math score of 28, (4) a minimum score of 600 on the Writing portion of the SAT, or (5) 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 are strongly advised to enter no later than the beginning of their sophomore year.

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; (3) maintain a minimum grade point average of 3.2 in Honors College courses and in all other academic work; (4) participate in community engagement and reflect on the impact of their contributions of service; (5) participate in undergraduate research. For additional details, visit <http://www.westga.edu/~honors>. 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 enables undergraduate students to realize their full potential through academic rigor and scholarship, leadership development and community engagement.

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:

- Students will demonstrate the ability to examine topics and issues from diverse perspectives.
- Students will demonstrate the ability to engage in higher order abstract, creative and critical thinking.
- Students will demonstrate the ability to explore, and if feasible, experiment with possible applications of their learning toward the solution of "real world" problems.
- Students will demonstrate the ability to explore and conduct discipline-specific independent research and creative activities using a variety of resources.
- 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 Academic Honor section on page 75, 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.

## **Interdisciplinary Studies, Programs and Options**

The College of Arts and Humanities, The College of Science and Mathematics, and the College of Social Sciences recognize the importance of integrating learning across departmentally housed disciplines. In support of this aim, the Colleges and the Center for Interdisciplinary Studies offer students opportunities to enroll in a variety of interdisciplinary options, including single courses combining more than one discipline and two or more courses from different departments linked together by their focus on common themes as well as major and minor degree programs. IDS and XIDS refer to the cross-disciplinary and interdisciplinary nature of courses and programs across the Colleges.

IDS programs include two major degrees: a B.S. ENST in Environmental Studies (Course prefix ENV5), and a B.A. in Global Studies (Course prefix GLOB) both housed in the College of Science and Mathematics (Department of Geosciences). They also include minor degree and certificate programs housed in the College of Arts and Humanities: Africana Studies (English Department), Classical Studies (History Department), Film Studies (English Department), Gender and Sexuality Studies (Foreign Languages and Literatures Department), and those housed in the College of Social Sciences: Latin American Studies (Political Science Department) and Women's Studies (Sociology Department). Each of these programs includes courses from a range of academic departments and disciplines including, from the College of Arts and Humanities, the College of Sciences and Mathematics, and the College of Social Sciences. See the related links for program requirements and course offerings at: <http://www.westga.edu/xids/>.

XIDS courses are an essential part of the Core Curriculum, as they meet and support University and College learning outcomes required in the Core. XIDS courses can be team-taught or taught by a single professor. The purpose is to offer, through special top-

ics, an integrative learning experience that results in a new and enhanced academic perspective. Three XIDS courses in the Core are templates for creating a variety of new, topic-driven sections. These include in Core Area B2, XIDS 2001 and XIDS 2002 ('What do you really know about...[special topics]?'); in Area C1, XIDS 2100 (Arts and Ideas Special Topics) and in Core Area E4, XIDS 2300 (Interdisciplinary Studies in the Social Sciences). For examples and further information, please see the XIDS Core website at: [http://www.westga.edu/xids/index\\_4036.php](http://www.westga.edu/xids/index_4036.php)

For further information, please contact the Center for Interdisciplinary Studies at 678-839-6038 or consult the IDS website at <http://www.westga.edu/xids/>.

## 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:

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

## Debate Program

West Georgia has an exceptional debate program. In 2010, for the 38th consecutive year, a West Georgia team qualified for the National Debate Tournament. West Georgia's consecutive year-streak of qualifying for the NDT is the fifth longest in the history, surpassed only by Dartmouth, Harvard, University of Kansas and the University of Southern California.

Just since 2000, UWG Debate has won two national championships, been runner-up once, finished third twice and in the top five four other times.

West Georgia is also the only school to reach the finals of the Cross-Examination Debate Association's national championship three consecutive years, winning consecutive championships in 2000 and 2001.

## 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

# EXTENDED LEARNING

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Dr. Melanie Clay, Executive Director and Dean of USG eCore

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

678-839-6636

Extended Learning has responsibility for the administration of UWG Online/Distance and Distributed Education, Evening/Weekend University, the Newnan Center, eCore, Continuing Education, and various off-campus instructional sites. It also provides administrative support for other off-campus graduate and undergraduate courses and programs. The offices of Extended Learning are located on the Carrollton campus and in the Newnan Center.

## **UWG Online**

By providing support for fully online and partially online courses and programs, UWG Online (administered by the Distance and Distributed Education Center) makes higher education a possibility for those who face obstacles to taking undergraduate or graduate courses in a traditional face-to-face classroom setting. UWG seeks to extend the ability to earn credit toward a degree or certification program to those whose life circumstances, such as work, family, or distance, make attending face-to-face traditional classes impractical. Through distance learning (online learning), students can attend class whenever and wherever is convenient to them, with just the use of a computer and an internet connection. UWG was one of the first public schools in the state to offer online classes in 1997. Today, our diverse student population is spread across the country and internationally.

Our online courses are web-based and allow students to interact with the instructor and other students through discussion boards, email, and other various online tools. Course notes, assignments, projects and grades are delivered using an online course management tool referred to as CourseDen (powered by Desire2Learn). Some courses incorporate live sessions through two-way live videoconferencing technologies or other synchronous technologies.

Many of our online courses are fully online and do not require students to travel to our campus or other instructional sites. However, some courses may be only partially online and may require you to travel to the main campus or other sites for an orientation, exams, or meetings. Be sure to check the 'instructional method' listed beside each course section in Banweb (the public course bulletin). Some instructors may require students to take proctored exams which can be taken at any approved testing center world-wide. Additional proctored testing site fees may apply and tuition rates may be different. Review the special instructions noted in the online course bulletin and reference your bill carefully.

Online learning generally provides considerable freedom, allowing students to often choose when and where they'll participate in class activities. But at the same time, UWG|Online courses are not typically independent study or self-paced courses where students work by themselves or at their own pace. Each course has a syllabus and schedule to follow. Instructors specify the content to be covered in the course, dates for exams and quizzes, individual and group assignments and other activities that students must

complete by a particular date. Student who do not login and participate by the initial participation deadline may be dropped for non-participation.

Online Core Courses - UWG offers options to meet all core course requirements completely online. Some of these online core courses are designed and taught exclusively by instructors at UWG while others may be part of a state-wide initiative referred to as eCore (electronic core). eCore courses may include students from other University System of Georgia schools and may be taught by non-UWG instructors. Start dates, end dates, policies and procedures may be different for eCore than for other UWG courses. See <http://ecore.westga.edu> or contact 678-839-5300.

Upper-division Undergrad courses – Some upper-division undergraduate courses may be offered partially online with some face-to-face meetings, while others may be listed as "95-100% Fully Online" in Banweb. Always be sure to check the special instructions noted on the public course bulletin site:

<https://grim.westga.edu/www/schedule.htm>

Online undergraduate degree program:

Though many upper-level undergraduate courses are offered partially or fully online, the only UWG undergraduate program that can be earned completely online (with no required visits to campus) is the Bachelor of Science in Criminology. This program is also taught on-campus and allows students to enroll in both online and face-to-face courses, in order to create the most convenient schedule possible. See <http://uwgonline.westga.edu/bachelors-degrees.php>

Other online offerings:

UWG offers many other online degree programs and courses at the graduate and certificate levels. Online degree offerings, services and information for online students, and additional details are available at UWG Online (<http://uwgonline.westga.edu>). See <http://uwgonline.westga.edu>

A primary function of UWG Online/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 (UWG Online), please visit the Honors House, telephone 678-839-6248, or visit <http://uwgonline.westga.edu>

For a complete description of student services, see the UWG Online Student Guide at: <http://uwgonline.westga.edu/online-student-guide.php>.

## **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.

### **College of Social Sciences**

Bachelor of Science-Criminology

## **Richards College of Business**

Bachelor of Business Administration in

- Accounting
- Management
- Management Information Systems
- Marketing
- Real Estate

With appropriate prerequisites satisfied and with careful scheduling, the following graduate degrees may be earned.

## **College of Social Sciences**

Master of Arts-Psychology

Master of Public Administration

## **Richards 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

- Early Childhood
- Media
- Professional Counseling

Education Doctorate in Professional Counseling and Supervision for Candidates Holding as Ed.S. in Professional Counseling

Certification Endorsement in

- Reading

Non-Degree Programs for Teachers Holding Provisional Certification - P-12 Education in

- French Education
- Spanish Education

Non Degree Certification Program in Media (School Library Media or Instructional Technology) for Candidates Holding a Master's Degree in any field

## **Admission**

Credit programs require admission to West Georgia before registration for classes. Applications for admission may be obtained in the Admissions Office and may be found 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 re-

quired in a graduate program may be earned in off-campus instruction. Approved online and off-campus degrees are the exception to these rules.

## 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 or see this website:

[http://www.westga.edu/~honors/extendeddegrees/evening\\_weekend.html](http://www.westga.edu/~honors/extendeddegrees/evening_weekend.html).

## 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 and degree programs 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 offerings are currently delivered fully or partially online, through two-way live videoconferencing, or through a combination of these technologies. They are primarily delivered online through CourseDen (<http://westga.view.usg.edu>). Online degree offerings, services and information for online students, and additional details are available at UWG Online (<http://uwgonline.westga.edu>).

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 (UWG Online), 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 serves 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.

### **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 \$40 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 program must meet criteria established for that program.

All necessary forms are available online.

### **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, 706-368-7759, or the College of Education Academic Advisement Center, 678-839-6050.

## **Newnan Center**

The Board of Regents approved and established a West Georgia off-campus center in Newnan, Georgia, in August of 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. In 2009 the Shenandoah Center was presented as a gift from Coweta County to the Board of Regents and UWG. The UWG Newnan Center is located off Amlajack Boulevard in the Shenandoah Industrial Park.

In addition to the Bachelor of Science in Nursing and the Bachelor of Science in Early Childhood Education, UWG offers undergraduate courses in the University's Core Curriculum at the Newnan Center. Coweta County students account for 44% of the Center's enrolment, while 55% represent more than 38 other Georgia counties. More than 85% of Newnan Center students are undergraduates. Through the ACCEL program, high-performing high school juniors and seniors are encouraged to "Go West Early" and enroll in core classes at the Newnan Center while still in high school.

UWG also offers the following graduate degrees in Newnan: complete Master of Business Administration, and the Ed.S. in Educational Leadership.

### **Admission**

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

**Registration**

The course schedule for the Newnan Center is viewable on the University's class bulletin each semester. Links to the Newnan section of the class bulletin can be found on the Center's website ([www.westga.edu/newnan](http://www.westga.edu/newnan)). Registration for Newnan Center courses is conducted in the same way as for courses on the main campus. Students may register on Banweb or in person at the Registrar's Office in Carrollton during scheduled registration hours. For more information, call 770-254-7280.

**Advising**

Advising for Early Childhood Education, advising for eCore classes, and some general advising are offered at the Newnan Center. In addition, advisors from RCOB, School of Nursing, and Dual Enrollment periodically schedule advising days at Newnan. Call the Center for more information or to make advising appointments.

**Test Proctoring**

The Newnan Center is a test proctoring site for eCore classes, UWG Online, and for online courses from other universities. Call the Center at 770-254-7280 to schedule eCore or UWG Online midterm and final exams.

# PUBLIC SERVICES

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<http://www.uwgce.com>

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.

## **The Department of Continuing Education**

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 a non-degree extension of the traditional learning process. The Department of Continuing Education is responsible for the assessment, development, and implementation of non-degree programs for those who wish to improve their job skills or otherwise enhance their personal development. This includes the coordination of community educational programs, institutes, workshops, conferences, and specialized training programs which serve as a catalyst for economic development.

## **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-degree 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-degree activities that meet appropriate criteria. Second, the CEU may serve as the accounting unit of the institution's total non-degree 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.

# UNDERGRADUATE ACADEMIC POLICIES

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## **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.

## **Advanced Placement Policy (AP)**

Advanced Placement (AP) scores must be reported to the University of West Georgia directly from the College Board. The UWG college code is 5900. More information can be found by visiting the College Board's website at <https://apscore.collegeboard.org/scores>.

Please refer to the chart below to determine course equivalency, credit earned, and exemption information.

Scores of 4 or 5 on AP exams are granted "Honors credit" for the UWG course equivalents. These courses count toward the 10 honors classes required for Honors College graduation.

Questions concerning the policy should be directed to the Registrar's Office Transfer Team by emailing [transfer@westga.edu](mailto:transfer@westga.edu) or calling (678) 839-6438.

Subject	AP Exam	Score	UWG Course Equivalent	UWG Hours
Art	Art History	3	ART 1201	3
	Art History	4	ART 2201 or ART 2202	3
	Art History	5	ART 2201 and ART 2202	6
	Studio Art - 2D/3D Design	4	ART 1006 or ART 1009	3
	Studio Art - 2D/3D Design	5	ART 1006 and ART 1009	6
	Studio Art - Drawing or General Portfolio	4	ART 1007 or ART 1008	3
	Studio Art - Drawing or General Portfolio	5	ART 1007 and ART 1008	6
Biology	Biology	4	BIOL 1107 and 1107L	4
	Biology	5	BIOL 1107 and 1107L and BIOL 1108 and 1108L	8
Chemistry	Chemistry	2	CHEM 1151K	4
	Chemistry	3	CHEM 1211 and 1211L	4
	Chemistry	4-5	CHEM 1211 and 1211L and CHEM 1212 and 1212LL	8
Computer Science	Computer Science A or B	4-5	CS 1301	4
Economics	Economics Macro	3-5	ECON 2105	3
	Economics Micro	3-5	ECON 2106	3
English*	English Literature and Composition	3-4	ENGL 1101	3
	English Literature and Composition	5	ENGL 1101 and 1102	6
	English Literature and Composition	3-4	ENGL 1101	3
	English Literature and Composition	5	ENGL 1101 and 1102	6
Environmental Science	Environmental Science	3-5	XIDS 2202	3
Foreign Languages	French, German, and Spanish	2	Exemption of 1001 and 1002	0
	French, German, and Spanish	3	2001	3
	French, German, and Spanish	4	2001	6
	French, German, and Spanish	5	2001 and 2002 2001 and 2002 and Humanities Elective	9
Geography	Human Geography	3-5	GEOG 1013	3
History	World History	4	HIST 1111 or 1112	3
	World History	5	HIST 1111 and 1112	6
	United States History	4	HIST 2111 or 2112	3
	United States History	5	HIST 2111 and 2112	6
	European History**	4	HIST 1111 or 1112	3
	European History**	5	HIST 1111 and 1112	6

Mathematics	Calculus AB	3-4	MATH 1113 and 1634	8
	Calculus AB	5	MATH 1113, 1634, and 2644	12
	Calculus BC	3	2644	8
	Calculus BC	4-5	MATH 1113 and 1634	12
	Statistics	3-5	MATH 1113, 1634, and 2644 MATH 2063	3
Physics	Physics 1	3-5	PHYS 1111 and 1111L	4
	Physics 2	3-5	PHYS 1112, and 1112L	4
Political Science	Government and Politics: US	3-5	POLS 1101	3
Psychology	Psychology	3-5	PSYC 1101	3

\*UWG awards credit for either the English Literature or English Language exam, but not for both.

\*\*UWG awards European History credit for exam scores earned through Spring 2004

### College Level Examination Program (CLEP)

College Level Examination Program (CLEP) scores must be reported to the University of West Georgia directly from the College Board. The UWG college code is 5900. Test registration information is available through the UWG Testing Office 678-839-6435.

Please refer to the chart below to determine course equivalency and credit earned.

Questions concerning the policy should be directed to the Registrar's Office Transfer Team by emailing [transfer@westga.edu](mailto:transfer@westga.edu) or calling 678-839-6438.

Subject	CLEP Exam	Score	UWG Course Equivalent	UWG Hours
Biology	Biology	50	BIOL 1107 and 1107L and 1108 and 1108L	8
Business Law	Introductory Business Law	50	BUSA 2106	3
Chemistry	Chemistry	50	CHEM 1211K	4
Economics	Economics (Macro)	50	ECON 2015	3
	Economics (Micro)	50	EXON 2106	3
English	College Composition Modular*	60	ENGL 1101	3
	American Literature	60	ENGL 2130	3
	English Literature	60	ENGL 2120	3
Foreign Languages	French	50	FREN 1001 and 1002	6
	German	50	GRMN 1001 and 1102	6
	Spanish	50	SPAN 1001 and 1002	6
History	American History I	50	HIST 2111	3
	American History II	50	HIST 2112	3
Mathematics	College Algebra	50	MATH 1111	3
	Precalculus	50	MATH 1113	4
	Calculus	50	MATH 1634 and 2644	8
Political Science	American Government	50	POLS 1101	3
Sociology	Sociology	50	SOCI 1101	3

*\*The CLEP College Composition Modular exam is a two-part exam consisting of a multiple choice section and an essay section. The UWG English department creates the essay prompt and scores the essay.*

## Departmental Exams for Credit, Exemption, or to Meet Georgia Requirements

Students should contact the academic department for additional information, to include test dates and times.

The exam score determines the amount of credit awarded and a fee of \$6 per hour is assessed to transcript the credit.

Subject	Academic Department	Departmental Exam	UWG Course	UWG Hours	UWG Academic Credit
Accounting	Accounting and Finance	Accounting Validation Exam	ACCT 2101 ACCT 2102	3-6	Score determines amount of credit
Chemistry	Chemistry	ACS Standardized Exam for General Chemistry	CHEM 1211K CHEM 121K	4-8	Score determines amount of credit
English	English and Philosophy	English Composition with Essay Exam	ENGL 1101	3 or exemption	Score determines credit or exemption
Foreign Languages	Foreign Languages and Literature	French, German, and/or Spanish	FREN, GRMN, and/or SPAN 1001, 1002, 2001, 2002	3-12 or exemption	Placement exam score determines enrollment in the appropriate course. A student who places in FREN, GRMN, or SPAN 1002 or above and who earns a B or better in the UWG course can buy the credit for earlier courses at the rate of \$6 per hour
Georgia Constitution	Political Science and Planning	Georgia Constitution Proficiency Exam	fulfills Georgia requirements	exemption	Satisfies Georgia constitution requirement for out-of-state transfer student who has received credit for POLS 1101/American Government taken at an out-of-state institution.

Georgia History	History	Georgia History Proficiency Exam	fulfills Georgia requirements	exemption	Satisfies Georgia history requirement for out-of-state transfer student who has received credit for US History (HIST 2111 or 2112) taken at an out-of-state institution.
Instructional Technology	Educational Technology and Foundations	MEDT Challenge Exam	exempt from prerequisite for MEDT 3401 or 3402	exemption	Student can enroll in MEDT 3401 or 3402
Music	Music	Credit by examination for any course in the Music Theory or Keyboard Skills sequence must be validated by the course's faculty	Aural Skills Sequence, Keyboard Skills Sequence, Music Theory Sequence	Students earn credit for levels by testing out of the level.	Music Theory, Aural Skills, and Keyboard Skills each consists of a four-semester sequence of courses that are required for all Bachelor of Music programs. Students with advanced levels of understanding and/or skill in these areas may request to test out of one or more levels. The faculty members who teach the courses administer the appropriate tests to the student.
U.S. History	History	U.S. History I U.S. History II	HIST 2111 HIST 2112	exemption	Exemption only

### International Baccalaureate Policy (IB)

Students may receive credit for Standard Level (SL) tests with a score of 6 or higher if they complete the IB Diploma. For more information about the IB Diploma, see [https://ibanswers.ibo.org/app/answers/detail/a\\_id/5201/kw/What%20is%20SL%20exam%3F](https://ibanswers.ibo.org/app/answers/detail/a_id/5201/kw/What%20is%20SL%20exam%3F)

International Baccalaureate (IB) scores must be reported to the University of West Georgia directly from IBO North America. To request an official transcript, visit <http://www.ibo.org/iba/transcripts>. Transcripts should be addressed to: University of West Georgia, Registrar's Office, 1601 Maple Street, Carrollton, GA 30118.

Please refer to the chart below to determine course equivalency, credit earned, and exemption information. Total credits awarded for IB may not exceed 24.

Syllabus evaluation is used to determine course credit award for Economics. Contact the Economics Department 678.839.6477. <http://www.westga.edu/econ/>

Questions concerning the policy should be directed to the Registrar's Office Transfer Team by emailing [transfer@westga.edu](mailto:transfer@westga.edu) or calling 678-839-6438.

Subject	IB Exam and Level	Score	UWG Course Equivalent	UWG Hours
Art	Visual Arts SL	SL 4	ART 1201	3
	Visual Arts SL	SL 5	ART 1201, 1006, or 1007	3
	Visual Arts SL	SL 6-7	ART 1006 and 1007	6
	Visual Arts HL	HL 4	ART 1006 or 1007	3
	Visual Arts HL	HL 5	ART 1006 and 1007	6
	Visual Arts HL	HL 6-7	ART 1006, 1007, and 1009*	9-12**
Biology	Biology HL	HL 5	BIOL 1010 and 1010L	4
	Biology HL	HL 6-7	BIOL 1107, 1107L, 1108, and 1009*	8
Chemistry	Chemistry HL	HL 5	CHEM 1211K	4
	Chemistry HL	HL 6-7	CHEM 1211K and 1212K	8
Computer Science	Computer Science HL	HL 5	CS 1301	4
	Computer Science HL	HL 6-7	CS 1301 and 1302	7
Economics	Economics SL (for IB Diploma recipients only)	SL 5-7	ECON 2101 or 2106 (with syllabus evaluation and approval)	3
	Economics HL	HL 4-5	ECON 2105 or 2106 (with syllabus evaluation and approval)	3
	Economics	HL 6-7	ECON 2105 and ECON 2106 (with syllabus evaluation and approval)	6
English	English SL	SL 5-7	ENGL 1101	3
	English HL	HL 4-5	ENGL 1101	3
	English HL	HL 6-7	ENGL 1101 and 1102	6
Foreign Languages	French A2 HL	HL 4	Exemption from FREN 1001	0
	French A2 HL	HL 5-7	FREN 1002	3
	French B HL	HL 6	FREN 1002 and 2001	6
	French B HL	HL 7	Fren 1002, 2001, and 2002	9
	German A2 HL	HL 4	Exemption from GRMN 1001	0
	German A2 HL	HL 5-7	1001	3
	German B HL	HL 6	GRMN 1002	6
	German B HL	HL 7	GRMN 1002 and 2001	9
	Spanish A2 HL	HL 4	GRMN 1002, 2001, and 2002	0
	Spanish A2 HL	HL 5-7	2002	3
	Spanish B HL	HL 6	Exemption from SPAN 1001	6
	Spanish B HL	HL 7	SPAN 1002	9
	Geography	Geography HL	HL 4-7	SPAN 1002 and 2001 SPAN 1002, 2001, and 2002
Geography HL		HL 4-7	GEOG 1013	3

History	American History HL	HL 5-7	HIST 2111 or 2112	3
	European History HL	HL 5-7	HIST 1112	3
Mathematics	Mathematics HL	HL 4-7	MATH 1113 and 1634	8
Physics	Physics SL	SL 5-7	PHYS 1111, 1111L, 1112, and 1112L	8
	Physics HL	HL 5-7	PHYS 2211, 2211L, 2212, and 2212L	8
Psychology	Psychology HL	HL 5-7	PSYC 1101	3
Sociology	Sociology HL	HL 4-7	SOCI 1101	3
Theatre	Theatre HL	HL 4-7	THEA 1100	3

*\*May Consider ART 1008*

*\*\*Full credit is dependent on departmental review of student's portfolio.*

### **Mathematics - Credit-by-Exam (SAT Score) for Determining Course Placement and Credit**

Students who earn a score of 650 or higher on the Math-SAT are placed into MATH 1413 or MATH 1634. If a final grade of C or higher is earned in the UWG course on the first attempt, the student is awarded credit for the prerequisite math course. A fee of \$6 per hour is assessed to transcript the credit.

Mathematics	Math-SAT Exam Score	Math Course Placement	Prerequisite Math Course	UWG Academic Credit
Mathematics	650 or higher	MATH 1413 Survey of Calculus	MATH 1111 College Algebra	A student who is placed into MATH 1413 on the basis of the Math-SAT score and earns a grade of C or higher on the first attempt will be awarded credit for MATH 1111 (3 credit hours).

Mathematics	650 or higher	MATH 1634 Calculus I	MATH 1113 Precalculus	A student who is placed into MATH 1634 on the basis of the Math-SAT score and earns a grade of C or higher on the first attempt will be awarded credit for MATH 1113 (4 credit hours).
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## Academic Honor Code

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 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. The maximum total load permitted for any combination of sessions without the permission of the appropriate dean is 18. If the student attends Session I for 6 hours, they can only enroll in an additional 12 hours total for the remaining sessions.

<u>Session</u>	<u>Hours</u>
Session I	6
Session II	18
Session III or IV	9 (each session)
Maximum Load for Summer Term (any combination)	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 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:
    - 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, *or*
    - 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.

1. 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.
2. All remaining courses for the current degree objective must be completed at UWG. No transient credit will be accepted.
3. A student can be granted Academic Renewal status only once.
4. Any previous notation of academic probation, suspension, and dismissal will remain recorded on the student's transcript.
5. 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.
6. The Academic Renewal GPA begins with the first term following re-enrollment.
7. Admission or re-entry into any specific degree program (such as teacher education, nursing, business majors, selected majors in the College of Arts and Humanities, Science and Mathematics, and Social Sciences) is not automatic. Admission criteria for specific programs are determined by the department where the program is housed.
8. The granting of Academic Renewal does not supersede financial aid policies regarding Satisfactory Academic Progress.
9. 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.
10. 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.

## Academic Standards of Progress

The University of West Georgia seeks to provide an environment suitable for promoting the systematic pursuit of learning. To ensure this primary goal, the University requires of its students reasonable academic progress. The retention of those students who repeatedly demonstrate a lack of ability, industry, maturity, and preparation would be inconsistent with this requirement.

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 (institutional grade point average (GPA)). 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:

<u>Hours Attempted</u>	<u>Grade Point Average</u>
1-30	1.8
31-60	1.9
61+ hours	2.0

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

## **Academic Warning**

All students who fail to meet academic standards will be on Academic Warning the next semester of enrollment. Students on Academic Warning may be required to meet certain conditions to be eligible to register for future terms. Such conditions may include a reduced course load, meeting with an academic advisor, attending student success seminars, and/or other academic support interventions. There are three possible outcomes from a semester on Academic Warning:

(1) A student who raises his/her institutional grade point average to meet the Academic Standards outlined above, will be removed from Academic Warning. (2) A student who receives a term GPA of 2.0 but does not raise the institutional GPA enough to meet above standards, will remain on Academic Warning. (3) A student who fails to achieve a semester grade point average of 2.0 while on Academic Warning will be placed on Academic Probation.

## **Academic Probation**

All students, who fail to meet the conditions to be removed from or stay on Academic Warning will be placed on Academic Probation the next semester of enrollment. Students on Academic Probation may be required to meet certain conditions to be eligible to register for future terms. Such conditions may include a reduced course load, meeting with an academic advisor, attending student success seminars, and/or other academic support interventions. There are three possible outcomes from a semester on Academic Probation:

(1) A student who raises his/her institutional grade point average to meet the Academic Standards outlined above, will be removed from Academic Probation. (2) A student who receives a term GPA of 2.0 but does not raise the institutional GPA enough to meet above standards, will remain on Academic Probation. (3) A student who fails to achieve a semester grade point average of 2.0 while on Academic Probation will be placed on Academic Suspension. Once on Probation, a student will not return to Academic Warning, but will remain on Academic Probation unless he/she meets outcome 1 or 3.

## **Academic Suspension**

Students who do not earn a minimum semester grade point average of 2.0 while on Academic Probation regardless of the cumulative GPA will be suspended for one semester. 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. A student who is suspended for the second time may apply for readmission on probation one calendar year from the date of suspension. An Academic Suspension Appeal (term or one year) may only be reviewed through a grade appeal or hardship withdrawal.

## **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. An Academic Dismissal Appeal may only be reviewed through a grade appeal or hardship withdrawal

## **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 Humanities, Science and Mathematics, Social 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 Academic Advisement 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 Advising Center; 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 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.

## **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. Non-scholarship students also receive the stipend and book allowance as contracted cadets in the program.

## **Audit of Courses**

Regulations are listed in the Admissions, "Auditors" section, and in this section, under "Grades, Grade Points."

## **Class Absence**

Instruction begins the first day of class. In face-to-face courses, if students fail to attend the first day and have not contacted the instructor to explain their absence, they may be dropped during the Drop/Add Period to make room for other students.

In fully online or hybrid courses each instructor has the authority to specify in the syllabus what qualifies as attendance at the first class meeting and during the Drop/Add Period to drop students who fail to meet that requirement. Instructors may require students to attend a face-to-face meeting, to log in to the online course-delivery system by a specified date, or to take other specified steps at the beginning of the session.

For those courses that meet for the first time after the end of the Drop/Add Period, see Faculty Handbook Section 204.

Class attendance policies are determined by each instructor for his or her courses and may be found in the syllabus. Since course policies differ, students are responsible for understanding attendance requirements for each course. Failure to comply with those requirements may significantly affect grades.

Students are expected to attend each class meeting. Students absent from class while officially representing the University or observing religious holidays should generally not be penalized in the calculation of final grades, as long as they provide advance notice and expeditiously make arrangements to complete any missed work.

University-sponsored activities include but are not limited to the following: intercollegiate athletic competitions; musical/theatrical/art performances or exhibitions associated with a degree program; debate competitions; and research conferences. Activities not considered to be university-sponsored include participation in clubs, even if they are affiliated with UWG, or events associated with social organizations such as fraternities or sororities.

Regardless of the reason for the absence, each student is responsible for the material covered in class, for completing any assignments, and for making specific arrangements with the instructor for any work missed. The degree to which missed work can be made up will depend upon the nature of the work and its intended purpose. Make-up is at the discretion of the instructor.

Any student who must be absent for more than one week of class should notify the Patient Advocates in Health Services, telephone 678-839-6452. The student should also notify the instructor or department.

## College Preparatory Curriculum Deficiencies

Students who are admitted with College Preparatory Curriculum/Required High School 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/Required High School Curriculum Deficiencies, but such credit may not be used to satisfy Core Curriculum or degree requirements.

Students with College Preparatory Curriculum/Required High School Curriculum Deficiencies in English must take the COMPASS in English and in reading. Those with College Preparatory Curriculum/Required High School Curriculum Deficiencies in mathematics must take the COMPASS in mathematics. Students with English and mathematics deficiencies who are required to enter learning support are not admissible.

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

## 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 Enrollment Services Center. 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, 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, 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 university academic calendar.

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.

## English and Mathematics Requirements

Students must complete ENGL 1102 and MATH 1101, 1111, 1113, or 1634 by the time they have accumulated 30 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. 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

Students have the right to appeal a course grade. Grade appeals must be submitted in writing, using the UWG Student Grade Appeal Form found on the Provost's website at [http://www.westga.edu/vpaa/index\\_5879.php](http://www.westga.edu/vpaa/index_5879.php) and following the procedures outlined below. All grade appeals, regardless of their nature, shall be initiated no later than the following semester after cause for the appeal occurred and concluded no later than one year (12 calendar months) after the assignment of the grade. There are two types of grade appeals:

1. Dishonesty Grade Appeal - If the faculty member assigned the grade due to an allegation of cheating, plagiarism, or some other act of academic dishonesty and the student wishes to pursue the appeal, his or her case should be considered a Dishonesty Grade Appeal. Appeals of grades assigned due to an allegation of Academic Dishonesty may

be made as soon as a grade penalty on the grounds of academic dishonesty has been levied against a student.

2. **Grade Determination Appeal** - If the reasons underlying the appeal are based on policy disagreements or alleged charges of arbitrary or unfair treatment by the involved faculty member, the appeal should be considered a Grade Determination Appeal. Grade determination appeals must be initiated during the semester immediately following the semester in which the course grade is assigned.

### **Grade Appeal Review and Decision Process**

1. **Student Initiates the Grade Appeal:** The student must complete and sign the Student Grade Appeal Form, attach a short memo or letter stating the exact nature of the appeal and reason, attach any supporting documentation, and submit the entire packet to the Department Chair of the department in which the course is taught.
2. **Department Level:** The Chair consults with the student and with the faculty member and determines whether the appeal is a Dishonesty Grade Appeal or Grade Determination Appeal.
  - a. The Chair examines the available evidence and renders a decision: Either grant the appeal and change the grade, or deny the appeal. The Chair notifies the student of his/her decision.
  - b. If the appeal is granted, the Chair submits the grade change in writing to the Registrar and notifies the student that the appeal is granted.
  - c. If the appeal is denied, the student may accept the Chair's decision and end the appeal process, or s/he may request that the appeal and all associated documentation be forwarded to the Dean's office (dean or designee) for further review.
3. **College Dean Level:** The Chair forwards the appeal to the Dean/designee. The appeal packet should include the Student Grade Appeal Form (complete information, decision indicated, and signatures/initials from both the student and the Chair) and all associated documentation provided by the student and the faculty member, along with a brief statement from the Chair regarding her/his decision.
  - a. The Dean/designee reviews the appeal and all associated documentation and available evidence and renders a decision: Either grant the appeal and change the grade, or deny the appeal.
  - b. The Dean's Office notifies the student of his/her decision.
  - c. If the appeal is granted, the Dean's Office submits the grade change in writing to the Registrar.
  - d. If the appeal is denied, the student may accept the decision and end the appeal process, or s/he may request that the appeal and all associated documentation be forwarded to the Provost's office for submission to the Grade Appeals Subcommittee.
4. **Grade Appeals Subcommittee Level:** An appeal forwarded to the Provost's office for referral to the Grade Appeals Subcommittee should include the Student Grade Appeal Form (complete information, decisions indicated, and signatures/initials from the student, Chair, and Dean/designee), documentation, and decision statements from the previous levels.
  - a. The subcommittee's review purpose is described here:

- Dishonesty Grade Appeals: The purpose of the subcommittee in hearing this type of appeal is to (1) determine if academic improprieties did take place and (2) to review the appropriateness of the faculty member's corrective action as it related to the final grade assignment.
- Grade Determination Appeals: The purpose of the subcommittee in hearing this type of appeal is to review the totality of the student's performance in relationship to his or her final grade.
- b. The chairperson of the subcommittee will submit in writing to the Provost/designee the conclusions and recommendations of the subcommittee.
- If the appeal is granted, the Provost's office submits the grade change in writing to the Registrar and notifies the student that the appeal is granted.
- If the decision of the subcommittee is to return the appeal to the department for further action, it is the responsibility of the Department Chair to follow through with the instructions of the subcommittee. The Provost/designee notifies the student that the appeal was returned to the department for further action. After re-examining the student's performance, the Department Chair notifies the student of the final grade and notifies the Registrar of a grade change, if warranted.
- If the appeal is denied, the student is notified of the subcommittee's decision.
- c. In unusual circumstances, the Provost/designee may review the decision of the subcommittee for further action (e.g., judicial sanctions).

### **Fairness and Procedural Safeguards Governing Cases of Academic Dishonesty**

In order to guarantee fairness and proper procedural safeguards for all concerned, the subcommittee shall be guided by the following procedures:

1. The subcommittee will hear a case only if the student has exhausted all administrative remedies through the appropriate department chair and his or her college dean
2. The subcommittee chairperson will consult with both the faculty member and student concerning the hearing procedures, the time, date, and place of the hearing and will ensure relevant materials reach all parties in a timely fashion.
3. The burden of demonstrating a preponderance of evidence shall rest upon the officials or faculty member who originated an action against a student or assigned for cause a particular grade.
4. The student appearing before the committee shall have the right to be assisted by an advisor of his or her choice.
5. During the hearing the student shall have the opportunity to testify and to present evidence and witnesses on his or her behalf. He or she shall have opportunity to hear and question adverse witnesses. In no case shall the subcommittee consider statements against a student unless the student has been given an opportunity to rebut unfavorable inferences that might otherwise be drawn.
6. All matters upon which a decision will be based must be introduced at the proceeding before the subcommittee. Any conclusions drawn by the subcommittee shall be based solely upon such evidence.
7. In the absence of a transcript, an audio recording of the hearing shall be made.
8. Appellants who fail to appear after proper notice will have their cases heard in absentia.

9. The chairperson of the subcommittee will submit in writing to the Provost/designee the conclusions and recommendations of the subcommittee.

### **Fairness and Procedural Safeguards Governing Grade Determination Appeals**

In order to guarantee fairness and proper procedural safeguards for all concerned, the subcommittee shall be guided by the following procedures:

1. The subcommittee will hear the case only if the student has exhausted all administrative remedies through the appropriate department chair and his or her college dean.
2. The subcommittee chairperson will consult with both the faculty member and student concerning the hearing procedures, the time, date, and place of the hearing and will ensure relevant materials reach all parties in a timely fashion.
3. The burden of demonstrating a preponderance of evidence of arbitrary or unfair grading rests on the student. The student should realize such a charge is a serious one and refrain from taking capricious action.
4. Both the student and faculty member shall be given an opportunity to present his or her case and to refute the case presented by the other.
5. All matters upon which a recommendation will be based must be introduced during the hearing before the Subcommittee. Recommendations shall be based solely upon such evidence.
6. Appellants who fail to appear after proper notice will have their cases heard in absentia.
7. The chairperson of the subcommittee will submit in writing to the Provost/designee the conclusions and recommendations of the subcommittee.

### **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— (Withdrawn 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:

- attainment of an honors grade-point average on all work attempted and completed at West Georgia; *and*
- 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

A Hardship Withdrawal is an exception that permits a student to withdraw from all courses after the official Drop/Add period during the semester. It is intended for the student who has experienced an acute, traumatic event that prevents him/her from completing the semester. That same event also makes it impossible for the student to take an Incomplete and finish the work the next semester. Thus, the Hardship Withdrawal is based on unusual or emergency circumstances beyond the student's control. Such circumstances are categorized as follows:

### Physical

Examples include bodily injury or invasive surgery resulting in prolonged absences from class, or unexpected physical disability preventing completion of course work. Necessary documentation to support such claims would include a physician's report, including name, address, phone, nature of illness or accidents, dates of treatment, prognosis, and recommendation.

### Psychological

Examples include extreme mental duress suffered from traumatic experiences, of the severity and frequency to prevent completion of course work. Necessary documentation to support such claims would include a memo from a Counseling Center counselor that includes dates of treatment and a clear recommendation of whether a hardship withdrawal be given.

### Personal

Examples include significant change in financial status or personal tragedy such as the death of a loved one or domestic disruptions, to the degree to prevent completion of coursework. Necessary documentation to support such claims might include copy of divorce papers, financial statements, police reports, obituaries, or other pertinent documents.

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

## **Under what conditions may a Request for Hardship Withdrawal be approved?**

A Hardship Withdrawal is intended as relief for extreme circumstances and is granted only in special instances. The following conditions apply:

- Students may request a hardship withdrawal after the official Drop/Add deadline published in the semester term calendar until the Friday immediately prior to the final week of the term. Hardship Withdrawals requested after the Friday immediately prior to the final week of the term will be treated as a Retroactive Hardship Withdrawal.
- Retroactive Hardship Withdrawals will not be approved if the student has completed all course requirements such as a final examination and/or a final project.
- Retroactive Hardship Withdrawals will not be approved for terms occurring more than six months prior to the time the request is made.
- The student must withdraw from all classes during the current term, and may not select only certain classes from which to withdraw.
  - Under unusual circumstances, a student may be granted a hardship withdrawal from only one class, while being allowed to remain in others.
  - An example of unusual circumstances 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 should follow Steps 1-6 below, with emphasis on providing documented evidence in support of the claims warranting the request.

## **Steps for Requesting a Hardship Withdrawal**

In steps 1-6 below, the Dean may designate an Associate Dean to act on his/her authority. The Provost and Vice President for Academic Affairs may designate the Associate Vice President for Academic Affairs to act on his/her authority.

1. The student completes the "Request for Hardship Withdrawal" form found online at [http://www.westga.edu/vpaa/index\\_5879.php](http://www.westga.edu/vpaa/index_5879.php). The student should be prepared to provide documented evidence to substantiate the hardship being claimed.
2. The student submits the completed Request for Hardship Withdrawal form and documented evidence to Health Services (HS) or the Counseling Center.
3. The HS or Counseling Center professional staff will interview the student, review the documented evidence, and recommend to support or not support the request for Hardship Withdrawal. HS or Counseling Center professional staff will send the request form and a letter, which explains the recommendation, as a confidential document to the appropriate unit within Academic Affairs. HS or Counseling Center professional staff will retain the documented evidence in their confidential files.
  - For students with a declared major, the form and letter will be sent to the Dean of the College where the major department is housed.
  - For undeclared students, the form and letter will be delivered to the Dean of the Honors College.
4. The Dean has the final authority to approve the Request for Hardship Withdrawal.
  - If the Dean approves the request, the student will receive a W for each course.
  - The Dean's Office will notify the Registrar of the grade change/s to W.

- The Dean's Office will notify the student that the request was approved.
5. If the Dean does not approve the request, the Dean's Office will notify the student of the denial.
- The student may appeal to the Provost and Vice President for Academic Affairs.
  - The Dean will forward the form and letter to the Provost upon receiving notification from the student that s/he intends to appeal. It is the student's responsibility to notify the Dean that s/he intends to appeal to the Provost.
6. The Provost and Vice President for Academic Affairs has the final authority to grant the appeal for the Request for Hardship Withdrawal.
- The Provost will grant or deny the appeal and notify the student of the decision.
  - If granted, the Provost's Office will notify the Registrar of the grade change/s to W.

**Students should be aware of the following three points when a hardship withdrawal is approved:**

- A hardship withdrawal does not remove courses from the academic record. Course grades are converted to W's for the hardship withdrawal semester.
- The W grades do not count against the overall grade point average.
- The W grades trigger a Financial Aid Warning, because none of the courses in the hardship withdrawal semester are completed. See the Satisfactory Academic Progress Policy for financial aid eligibility at [http://www.westga.edu/financialAid/index\\_2959.php](http://www.westga.edu/financialAid/index_2959.php) for more information.

## 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.

## Limited Course Withdrawals

Undergraduate students may withdraw from courses with a grade of "W" (Withdraw Passing) a maximum of six times during their entire undergraduate enrollment at the University of West Georgia. Students must withdraw from courses during the Withdrawal "W" Period, as noted on the Registrar's Calendar in The Scoop. Retroactive withdrawals for prior terms are not permitted. The Withdrawal "W" Period typically begins after Drop/Add and closes at mid-term. Grades of "W" do not count toward the grade point average.

It is recommended that students consult with the instructor, academic advisor, Financial Aid, Bursar, and International Services and Programs (if applicable) before making the decision to withdraw from a course, since undesirable consequences may follow. For example:

- Student athletes must maintain full-time status to retain athletic eligibility
- International students on an F1 or J1 visa must maintain full-time status to protect their immigration status

- Withdrawing from a course will delay progress toward graduation

Students who attempt to withdraw from a course after reaching their maximum of six withdrawals will continue to be enrolled and will receive a grade at the end of the term, unless the Dean (or Dean's designee) approves the exception. See Petition for Exceptions below.

### *Automatic Exceptions*

The following exceptions do not count toward the maximum of six course withdrawals:

- Grades of W placed on the transcript prior to Fall 2013
- Grades of W included in transfer work
- Withdrawals from courses taken during Summer terms
- Hardship withdrawal
- Military withdrawal
- Administrative withdrawal
- Formal withdrawal from the university

### *Petition for Exceptions*

After the limit of six withdrawals is reached, students are permitted to request exceptions only for circumstances beyond their control. Students appeal in writing to the Dean (or Dean's designee) of the college or school that houses their major. Undeclared students should appeal in writing to the Dean of the Honors College (or Dean's designee). The written request (typewritten) should include the following: (1) description of the exact nature of the appeal, (2) reason for the appeal, and (3) supporting documentation, if applicable. Appeals are not heard unless the student has reached the maximum number of withdrawals allowed.

## **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 Policy**

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

- The College of Arts and Humanities has no physical education requirement.
- The College of Science and Mathematics has no physical education requirement.
- The College of Social Sciences has no physical education requirement.
- The College of Business has no physical education requirement.
- 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 veter-

ans 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.

## 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.

Late Registration is held during the drop/add period of the semester. A \$75 late fee is charged to continuing students who did not participate in on-time registration.

## 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.

## Student 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

## Study Abroad

The University offers a range of study-abroad options for students at all levels of their academic careers. Freshman and sophomore students may participate in short-term programs that offer core-level courses; juniors and seniors may participate in programs lasting from two weeks to a year that offer specialized coursework in their majors. Students may select programs taught in English or may participate in language immersion programs in Spanish, French and German. The International Services and Programs Office provides advising to help each student choose the program and coursework that best fits his or her academic needs and interests.

Short-term program offerings vary from year to year, and students should visit the study abroad website (<http://studyabroad.westga.edu>) or the International Services and Programs Office on the second floor of Row Hall for a complete list of opportunities. Many short-term programs are designed for students who have not traveled extensively and

provide a mix of classroom instruction and site-specific field trips, with airfare, housing and some meals usually included in the program fee. For upperclassmen interested in specialized semester-long programs, the university's network of partner institutions allows us to place students at nearly 200 foreign institutions, representing every continent but Antarctica. Exchange students generally pay on-campus tuition and fees while studying at the exchange partner institution.

Students who participate in study abroad programs or semester exchanges may apply their current financial aid, including Hope scholarship funds, to their study abroad program fees. In addition, students may apply for study abroad scholarships through the International Services and Programs study abroad website.

## **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 total hours for the entire semester, if scheduling allows, thus completing a full semester's work. (See Academic Load on page 75)

## **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 section titled *Transfer Students* on page 38, for regulations regarding transfer of credit.

## **Transient Student Status**

Students wishing to complete classes at another college or university to count towards their degree at West Georgia must maintain good standing at West Georgia and hold active student status at UWG during transient studies. Prior to taking the course(s), students must complete a Transient Status Permission Form, which includes the signatures of their advisor, the chair of the department in which the credit shall be granted, and the dean/designee of their major college. If the transient status involves study abroad, students must also obtain the signature of the Director of International Services and Programs. International students seeking transient status must obtain the signature of the Director of International Services and Programs. It is each student's responsibility to consult the Undergraduate Transfer Course Equivalents link, or contact the Registrar's Office to determine if the course will be accepted as transfer credit at UWG and count toward a given degree. Transient status is given for one semester at a time, and students 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. For final term transient status restrictions, see Graduation Policies in the Undergraduate Catalog.

## **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."

## **The University Year and Definition of a Credit Hour**

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 University of West Georgia grants one semester hour of credit for work equivalent to a minimum of one hour (50 minutes) of in-class or other direct faculty instruction AND two hours of student work outside of class per week for approximately fifteen weeks. For each course, the course syllabus will document the amount of in-class (or other direct faculty instruction) and out-of-class work required to earn the credit hour(s) assigned to the course. Out-of-class work will include all forms of credit-bearing activity, including but not limited to assignments, readings, observations, and musical practice. Where available, the university grants academic credit for students who verify via competency-based testing, that they have accomplished the learning outcomes associated with a course that would normally meet the requirements outlined above (e.g. AP credit, CLEP, and departmental exams).

## **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. The Georgia Constitution requirement may also be satisfied by passing an exami-

nation developed by the Political Science and Planning 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 a written request to the Registrar's Office. At the time the request is presented, specific instructions are given to the student for the completion of formal withdrawal. 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 Affairs & Enrollment Management in consultation, when appropriate, with the student's parents or spouse, the Director of the Counseling 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 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.

# ACADEMIC PROGRAMS AND UNITS OF INSTRUCTION

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## Prerequisites

Many of the courses described in this catalog list prerequisites. Prerequisites are courses or program requirements which must be completed before an advanced course may be taken.

## Degree Programs

The University of West Georgia offers the degrees listed on page 95. Majors or areas of concentration available under each degree are also shown.

## Degree Programs

### Bachelor of Arts

Art  
English\*\*  
Foreign Languages and Literatures\*  
Geography  
Global Studies  
History\*\*  
International Economic Affairs  
Mathematics  
Philosophy  
Political Science  
Psychology  
Theatre

### Bachelor of Business

#### Administration

Accounting  
Economics  
Finance  
Management  
Management Information Systems  
Marketing  
Real Estate

### Bachelor of Fine Arts

Art\*

### Bachelor of Music

Composition  
Music Education\*

Performance  
Performance, Emphasis in Jazz Studies  
Performance, Emphasis in Piano Pedagogy

### Bachelor of Science

Anthropology  
Biology\*\*  
Chemistry  
Computer Science  
Criminology  
Earth Science\*\*  
Economics\*\*  
Environmental Science  
Environmental Studies  
Geography  
Geology  
Mass Communications  
Mathematics\*\*  
Physics\*\*  
Political Science  
Sociology  
Sport Management

\*Certification obtainable in grades P-12

\*\*Certification obtainable in grades 6-12

### Bachelor of Science in Education

Early Childhood Education (P-5)  
Physical Education (P-12)  
Special Education - General Curriculum (P-12)  
Speech-Language Pathology (P-12)

## **Bachelor of Science in Nursing**

### **Master of Arts**

Criminology  
English  
History  
Psychology  
Sociology

### **Master of Arts in Teaching**

Secondary Education  
Biology  
Broad Field Science  
Business Education  
Chemistry  
Economics  
English  
History  
Mathematics  
Physics  
Political Science  
Special Education

### **Master of Business Administration**

### **Master of Education**

Business Education  
Early Childhood Education  
Media  
Instructional Technology  
Media Specialist  
Professional Counseling  
College Student Affairs  
Community Counseling  
School Counseling  
Reading Education  
Secondary Education  
Biology  
Broad Field Science  
Earth Science  
English  
History  
Mathematics

Special Education - General Curriculum  
Speech-Language Pathology

### **Master of Music**

Music Education  
Performance

### **Master of Professional Accounting**

### **Master of Public Administration**

### **Master of Science**

Applied Computer Science  
Biology  
Mathematics

### **Master of Science in Nursing**

### **Specialist in Education**

Early Childhood Education  
Educational Leadership  
Media

Instructional Technology  
Media Specialist  
Professional Counseling  
Special Education

### **Doctor of Education**

Professional Counseling and Supervision  
School Improvement

### **Ed.D. in Nursing Education**

### **Ph.D. in Psychology: Consciousness and Society**

### **Post-Master's Certificate**

Nursing Health Systems Leadership  
Nursing Education

## Non-Degree Initial Certification Programs in Education

Art (P-12)  
 Early Childhood Education (P-5)  
 French (P-12)  
 Media Specialist (P-12)  
 Music (P-12)  
 Spanish (P-12)

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

Educational Leadership  
 Instructional Technology  
 K-5 Mathematics Endorsement  
 K-5 Science Endorsement  
 Media Specialist  
 Reading Endorsement

## Minors

Minors are offered in the following fields: Accounting, Africana Studies, Anthropology, Art, Art History, Biology, Business Administration, Chemistry, Computer Science, Creative Writing, Criminology, Economics, Environmental Studies, Film Studies, Film and Video Production, Finance, French, Gender and Sexuality Studies, Geographic Information Systems, Geography, Geology, German, History, Latin American Studies, Literature, Management, Management Information Systems, Marketing, Mass Communications, Mathematics, Music, Philosophy, Physics, Political Science, Psychology, Real Estate, Religion, Sociology, Spanish, Theatre, and Women's Studies. See Specific Requirements for a Minor on page 102.

## 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	Advising Area
Engineering, dual degree program with Georgia Tech, Mercer, or Auburn—a 5-year program	Physics, Chemistry, or Geology
Pre-Engineering	Physics, Chemistry, or Geology
Pre-Forestry	Biology
Pre-Law	Philosophy or Political Science
Pre-Medical Professions including medicine, dentistry, dental hygiene, veterinary medicine, physical therapy, and physician's assistant	Biology or Chemistry
Pre-Pharmacy	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 requirements outlined under College of Education in the following sections: Admission to Teacher Education, Eligibility, Education Blocks, and Education Program Completion Requirements.
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. 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. Satisfactorily complete Political Science 1101 and History 2111 or 2112. Exemption from history may be earned by passing appropriate tests.
8. 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 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 2.75 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 Tanner Health System School of Nursing.
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 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 Sport Management**

1. A minimum of 120 semester hours of academic work in an approved program and three (3) semester hours of physical education are required, to include PWLA 1600. 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. Satisfactorily complete Political Science 1101 and History 2111 or 2112. Exemption from these courses may be earned by passing appropriate tests.
5. 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.
6. Must have an overall grade point average of 2.5 to enter professional courses.
7. Must complete all professional content courses with a grade of C or better.
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. Complete other requirements for the major as determined by the Department of Leadership and Instruction.

### **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 special education (grades P-12), or a physical education (grades P-12) teaching certificate by meeting the following requirements:

1. A minimum of 120-129 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 on page 164).
6. Complete other requirements for the major as listed by individual departments.
7. Make application for admission to the teacher education program.
8. Make application for all practicum, internship, and block courses with the Office of Field Based Preparation prior to enrollment in the courses. Applications are available through Tk20. Deadlines for both Fall and Spring Semesters are available on-line at <http://www.westga.edu/ofe/>.
9. 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.
10. 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.
11. 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. 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 UWG.
3. Acceptance as a major in the specific discipline.
4. Thirty semester hours must be completed in residence. 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. 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.
8. Complete other requirements for the major as listed by the department.

9. At least 50 percent of the business credit hours required for the business degree must be earned at West Georgia.
10. 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. A minimum of 120 semester hours of academic college work in an approved program.
3. Thirty hours must be completed in residence.
4. 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.
5. 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).
6. 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.
7. 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 132 total semester hours of academic college courses in one of the Department of Art programs. The program includes 42 semester hours in the University Core Curriculum and 18 semester hours in the departmental core. 15 semester hours in the departmental studio core and 57 semester hours in the departmental concentration.
2. A minimum of 60 semester hours in courses numbered 3000 or above. Forty-one to sixty of these hours must be in the Department of Art and as specified by areas of concentration. Twenty-one of these hours must be taken at West Georgia. Also nine hours in the area of concentration must be taken at West Georgia.

3. Thirty semester hours must be completed in residence. Eighteen of these hours must be in the senior year.
4. Attain a minimum overall institutional grade point average of 2.5 and a grade point average of 3.0 in the courses used to satisfy the BFA degree requirements.
5. Satisfactorily complete Political Science 1101 and History 2111 or 2112. Exemption from history may be earned by passing appropriate tests.
6. Not more than twenty-seven semester hours of the program may be done by extension or correspondence. Not more than twenty-seven semester hours may be completed at off-campus sites.
7. During the completion of the final year, BFA candidates will successfully present a portfolio of work and BFA Thesis exhibition. This exhibition and portfolio will be reviewed by a BFA committee selected by the candidate and should demonstrate to that committee the candidate's professional competence within the area of concentration. The Candidate will then have orals exam with the selected committee.
8. Courses of variable credit must be taken for three hours per semester, with a Minimum of fifteen credits in area of concentration.
9. Independent studies or directed readings may be taken toward the fulfillment of degree requirements only after a candidate has successfully completed at least one advance course in the area of concentration and only with the faculty permission.
10. Courses may be substituted for listed required courses with prior approval and permission of the Department Chair
11. 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

The University of West Georgia awards degrees three times a year corresponding with the end of each semester and only to the students who have applied and who are meeting all graduation requirements at the time final grades are posted.

How to Apply:

Students should submit the Undergraduate Application for Graduation along with the \$40 (per degree) application fee to the Enrollment Services Center, first floor Parker Hall by the appropriate deadline listed below.

Spring Graduation - October 1

Summer Graduation - March 1

Fall Graduation - August 1

The graduation application and \$40 (per degree) application fee can be deferred up to one year from the initial term of scheduled graduation. For example, a student who applies for spring 2012 graduation would have until spring 2013 to graduate without having to complete another application for graduation or pay the \$40 (per degree) graduation fee. If the student does not graduate within one year from the original scheduled graduation date, the student must reapply for graduation and pay the \$40 (per degree) application fee again.

### Graduation Policies:

1. Candidates may choose to meet the degree requirements of the current catalog or 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.
2. A student's graduation will be delayed one semester if:
  - all incomplete (I) grades are not removed and a grade recorded in the Registrar's Office by the grade deadline of the term in which the student is graduating;
  - transient, study abroad, credit by exam or any other type of credit is not recorded in the Registrar's Office by the grade deadline of the term in which the student is scheduled to graduate;
  - the student is not meeting graduation requirements after grades are posted for the term in which the student is scheduled to graduate.
3. Students are encouraged to attend graduation. If attendance is not possible, the student should notify the Registrar's Office. A student may participate in only one graduation ceremony per degree earned.

## 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 chapter on page 247 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.

Effective Fall 2012, the University System of Georgia Board of Regents Policy 3.3.1 requires students new to the system to complete overlay requirements in U.S. Perspectives, Global Perspectives, and Critical Thinking as part of the core curriculum experience.

## University of West Georgia Core Curriculum

### Core Area A1

#### Communication Skills

#### Learning Outcomes

**6 hours**

Demonstrate the ability to:

- Recognize and identify appropriate topics for presentation in writing
- Synthesize and logically arrange written presentations
- Adapt written communication to specific purposes and audiences.

Both Required:

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3

### Core Area A2

#### Quantitative Skills

#### Learning Outcomes

**3 hours**

- Students demonstrate a strong foundation in college-level mathematical concepts and principles.
- Students demonstrate the ability to apply symbolic representations to model and solve real-world problems.

Choose one of the following based on major:\*

MATH 1001	Quantitative Skills and Reasoning	3
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.*

### Core Area B

#### Institutional Options

#### Learning Outcomes

**4-5 hours**

Demonstrate the ability to:

- Identify, evaluate, and use information, language, or technology appropriate to a specific purpose.

- Prepare and deliver an effective oral presentation on an appropriate and meaningful topic.

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 2020	Critical Thinking	3
XIDS 1004	Oral and Technological Communication	4

### 2 - Other Institutional Options:

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 the Library	2
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

## Core Area C

### Humanities, Fine Arts, and Ethics

#### Learning Outcomes

**6 hours**

- Students will demonstrate knowledge of the foundational concepts of artistic, intellectual, or literary achievement.
- Students will recognize and make informed judgements about the fine, literary, or performing arts from various cultures.

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
ENGL 2060	Intro to Creative Writing	3
FILM 2080	Intro to the Art of Film	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*
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COMM 1154	Introduction to Mass Communications	3
ENGL 2110	World Literature	3
ENGL 2120	British Literature	3
ENGL 2130	American 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 2010	Introduction to Philosophy	3
PHIL 2030	Introduction to Ethics	3

*\*XIDS 2100 is listed in both categories, but it may be counted only once.*

## Core Area D

### Natural Sciences, Mathematics, and Technology

#### Learning Outcomes

**10-11 hours**

Demonstrate the ability to:

- Apply scientific reasoning and methods, mathematical principles, or appropriate information technologies to explain natural phenomena or situations that arise in the real world.
- Use appropriate scientific tools and instruments to acquire data, process information, and communicate results.

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.

### 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 1211	Principles of Chemistry I	3+1
CHEM 1212	Principles of Chemistry II	3+1
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
GEOG 2553	Introduction to GIS and Mapping Sciences	3
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	4
CS 1302	Computer Science II	3
MATH 1413	Survey of Calculus	3
MATH 1634	Calculus I	4
MATH 2063	Introductory Statistics	3
MATH 2644	Calculus II	4

## 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 1211	Principles of Chemistry I	3+1
CHEM 1212	Principles of Chemistry II	3+1
CHEM 1230K	Accelerated Principles of Chemistry	4
GEOG 1112	Weather and Climate	3+1
GEOG 1113	Landform Geography	3+1
GEOG 2553	Introduction to GIS and Mapping Sciences	3
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

### Option III - Nursing

#### 1. Laboratory Science Courses:

Take one of the two-semester sequences listed below:

CHEM 1151K and 1152K

CHEM 1211 and 1212 (with labs)

PHYS 1111 and 1112 (with labs)

BIOL 1107 and 1108 (with labs)

#### 2. Mathematics Science and Quantitative Technology Courses:

MATH 2063

### Core Area E

#### Social Sciences

##### Learning Outcomes

**12 hours**

- Students will demonstrate the ability to understand the political, social, economic, or cultural dimensions of world and American history.
- Students will demonstrate that they have developed an understanding of the political and legal processes of the U.S. and Georgia, and an understanding of the terminology of political science and U.S. politics.
- Students will demonstrate knowledge of the fundamental concepts of a discipline examining the social world.

#### 1. World History

One required from the following two:

HIST 1111	Survey of World History/ Civilization I	3
HIST 1112	Survey of World History/ Civilization II	3

#### 2. American/Georgia History

One required from the following two:

HIST* 2111	United States History I (to 1865)	3
HIST* 2112	United States History II (since 1865)	3

#### 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
ECON 2100	Economics for Everyone	3
ECON 2105	Principles of Macroeconomics	3
ECON 2106	Principles of Microeconomics	3
GEOG 1013	World Geography	3
GEOG 2503	Cultural Geography	3
PHIL 2130	Intro to World Religions	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.*

#### Overlay Requirements

##### US, GL, and CT Learning Goals

Effective Fall 2012, the University System of Georgia Board of Regents Policy 3.3.1 requires students new to the system to complete overlay requirements as part of the core curriculum experience. The University of West Georgia provides the following options for students to meet these requirements.

##### *US Perspectives Requirement*

Learning Outcome: Students demonstrate an understanding of the social, cultural, or political development of the people and institutions of the United States.

Courses that meet this requirement: ECON 2105, ENGL 2000, ENGL 2130, ENGL 2180, HIST 2111, HIST 2112, and MUSC 1120

##### *Global Perspectives Requirement*

Learning Outcome: Students will demonstrate an understanding of the commonalities and differences among two or more societies, nations, or cultures outside of the United States in regard to any of the following: language, literature, aesthetics, politics, economics, or social and cultural practices.

Courses that meet this requirement: ANTH 1100, ANTH 1102, ENGL 2110, HIST 1111, HIST 1112, MUSC 1110, PHIL 2010, PHIL 2030, PSYC 1101, XIDS 2301

##### *Critical Thinking Requirement*

Learning Outcome: Students will demonstrate the ability to interpret, analyze, evaluate, and explain various kinds of evidence, statements and arguments.

Courses that meet this requirement: ANTH 1100, ANTH 1102, ECON, 2106, ENGL 1102, PHIL 2010, PHIL 2020, PHIL 2030, THEA 2050, XIDS 2100, XIDS 2300

## Core Area F

### Courses applicable to the degree and major (See Area F of specific major program)

**18 hours**

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 several 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://ecore.usg.edu>. More information specific to UWG can be found at <http://ecore.westga.edu>. 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.

eCore Course	Title	Hours	UWG Equivalent
ENGL 1101	English Composition I	3	ENGL 1101
ENGL 1102	English Composition II	3	ENGL 1102
ENGL 2112	World Literature II	3	ENGL 2110
ENGL 2131	American Literature I	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 2010	Introduction to Philosophy	3	PHIL 2010
ENVS 2202	Environmental Science	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 Academic Policies, Physical Education section on page 90 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 Humanities*
- College of Education*
- College of Science and Mathematics*
- College of Social Sciences*
- Richards College of Business*
- Tanner Health System School of Nursing*

# COLLEGE OF ARTS AND HUMANITIES

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Randy Hendricks, Dean  
<http://www.westga.edu/coah>

The College of Arts and Humanities is charged with the responsibility of providing instruction not only to students majoring in traditional arts and humanities disciplines, but also for providing general education components 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 Humanities is dedicated to providing an education that will engage students to meet the future, not merely to live in the present.

The University of West Georgia's College of Arts and Humanities is committed to the academic success of our students.

## Physical Education Requirement

The college of Arts and Humanities 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 Humanities to the College of Education, the student must satisfy that college's physical education requirement.

## Graduation Requirement for Discipline-Specific Writing

All students majoring in disciplines in the College of Arts and Humanities must satisfy the requirements for Discipline Specific Writing (DSW) in order to graduate.

### DSW Requirements

- ENGL 1101 and 1102 (or the equivalent of) are prerequisite to all "W" (writing-intensive) courses.
- W-courses will require a minimum of 4000 words of original, formal, graded writing, including one major assignment entailing instructor feedback and revision.
- Students must take at least two 3000/4000-level W-courses (courses approved as writing-intensive courses and marked in the course bulletin with a W) for a total of at least 6 hours. Both courses must satisfy requirements or electives in the student's major, and at least one must be specific to the major. Departments may also elect to designate specific courses in allied disciplines that would fulfill the DSW requirement for the major.
- DSW requirements vary from department to department: students should consult the catalog and department DSW website for requirements specific to their major.

### Certificate Option

A DSW certificate option is available for students who wish to gain additional experience in writing as well as to demonstrate a commitment to developing exemplary communication skills. A student may elect to double the basic DSW requirements, passing 12 hours of writing-intensive courses. These additional courses need not be in the student's major,

unless the department specifies otherwise. Students who elect this option *and* earn a grade of C or above in each of their writing-intensive classes will receive:

- a Discipline-Specific Writing certificate, *and*
- transcript notation of this accomplishment.

## ART

Humanities 321 •678-839-6521

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

### Associate Professors:

D. Collins, E. Crean, C. Samples, D. Santini, K. Shunn (Chair), R. Tekippe

### Assistant Professors:

J. Hannaford, E. Johnson, C. McGuire, J. O'Donnell, M. Schoon, H. Vinson

### Lecturer:

E. Dixon, R. Lamfers, S. Smith

### Instructors:

M. Dougan, P. Kirk

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, Painting, Printmaking, Photography, Sculpture and 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:

BA in Art learning outcomes

- Develop broad knowledge on the history of art and design.
- Demonstrates a broad understanding of the technical skill within the studio arts.
- Develop thorough knowledge of the fundamentals of visual arts and design.
- Demonstrates a broad understanding of content and conceptual development within aspects of creating art.

BFA in Art learning outcomes

- Develop broad knowledge on the history of art and design.
- Develop thorough knowledge of the fundamentals of art and design.
- Demonstrates in-depth technical focus and proficiency within an area of concentration.
- Demonstrates in-depth research and content development within an area of concentration.

- Demonstrates preparedness for a professional career in the arts.

## Bachelor of Fine Arts with a Major in Art

Requirement	Hours
Core Areas A, B, C, D, E on page 105	42
Core Area F:	18
ART 1006 Design I (2-D)	3
ART 1007 Drawing I	3
ART 1008 Drawing II	3
ART 1009 Design II (3-D)	3
ART 2201 History of Western Art I	3
ART 2202 History of Western Art II	3

### BFA in Art: Art Education

Fine Arts Core:	15
ART 3301 Beginning Ceramics	3
ART 3601 or Painting I or Painting II 3602	3
ART 3701 Introduction to Photography	3
ART 3801 Printmaking I: Survey	3
ART 3901 Introductory Sculpture	3
Art Education Sequence:	18
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 4078 Junior Portfolio Review	NC
ART 4998 Capstone Experience I	1
ART 4999 Capstone Experience II	2
ART 4208 Art of the 20 <sup>th</sup> and 21 <sup>st</sup> Centuries	3
Art History Elective 3000 or Above	3
Art Electives, 3000 or Above	12
Professional Education	24
CEPD 4101 Educational Psychology	3
EDUC 2110 Investigation Critical and Contemporary Issues in Educa- tion	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, Student Teaching in Art Education 4012, 4013:	9
<b>TOTAL</b>	<b>132</b>

### BFA in Art: Sculpture

Fine Arts Core:	15
ART 3301 Beginning Ceramics	3
ART 3601 or Painting I or Painting II 3602	3

ART 3701	Photography I	3	
ART 3801	Printmaking I: Survey	3	
ART 3901	Introductory Sculpture	3	
Sculpture Sequence:			24
ART 3902	Sculpture II	3	
ART 3903	Sculpture III	3	
ART 4903	Sculpture IV	3	
ART 4904	Advanced Sculpture	12	
ART 4078	Junior Portfolio Review	NC	
ART 4998	Capstone Experience I	1	
ART 4999	Capstone Experience II	2	
Art History Electives, 3000 or Above			6
Art Electives, 3000 or Above			15
Concentration Electives, 3000 or Above			12
TOTAL			132

### **BFA in Art: Printmaking**

Fine Arts Core:			15
ART 3301	Beginning Ceramics	3	
ART 3601 or 3602	Painting I or Painting II	3	
ART 3701	Photography I	3	
ART 3801	Printmaking I: Survey	3	
ART 3901	Introductory Sculpture	3	
Printmaking Sequence:			24
ART 3802	Relief Printmaking	3	
ART 4803	Intaglio	3	
ART 4804	Lithography	3	
ART 4805	Adv Printmaking	6	
ART 4821	Silkscreen	3	
ART 4822	Bookmaking & Letterpress	3	
ART 4078	Junior Portfolio Review	NC	
ART 4998	Capstone Experience I	1	
ART 4999	Capstone Experience II	2	
Art History Electives, 3000 or Above			6
Art Electives, 3000 or Above			15
Concentration Electives, 3000 or Above			12
TOTAL			132

### **BFA in Art: Photography**

Fine Arts Core:			15
ART 3301	Beginning Ceramics	3	
ART 3601 or 3602	Painting I or Painting II	3	
ART 3701	Photography I	3	
ART 3801	Printmaking I: Survey	3	
ART 3901	Introductory Sculpture	3	
Photography Sequence:			24
ART 3701	Photography I	3	
ART 3702	Photography II	3	
ART 3703	Photography III	3	

ART 4704	Documentary Photography	3	
ART 4705	History of Photography	3	
ART 4706	Adv Photography Studio	6	
ART 4707	Professional Assignments	3	
ART 4078	Junior Portfolio Review	NC	
ART 4998	Capstone Experience I	1	
ART 4999	Capstone Experience II	2	
Art History Electives, 3000 or Above			6
Art Electives, 3000 or Above			15
Concentration Electives, 3000 or Above			12
TOTAL			132

### BFA in Art: Painting

Fine Arts Core:			15
ART 3301	Beginning Ceramics	3	
ART 3601 or 3602	Painting I or Painting II	3	
ART 3701	Photography I	3	
ART 3801	Printmaking I: Survey	3	
ART 3901	Introductory Sculpture	3	
Painting Sequence:			24
ART 3602	Painting II	3	
ART 4603	Painting III	3	
ART 4604	Painting IV	3	
ART 4605	Advanced Painting	12	
ART 4078	Junior Portfolio Review	NC	
ART 4998	Capstone Experience I	1	
ART 4999	Capstone Experience II	2	
Art History Electives, 3000 or Above			6
Art Electives, 3000 or Above			15
Concentration Electives, 3000 or Above			12
TOTAL			132

### BFA in Art: Graphic Design

Fine Arts Core:			15
ART 3301	Beginning Ceramics	3	
ART 3601 or 3602	Painting I or Painting II	3	
ART 3701	Photography I	3	
ART 3801	Printmaking I: Survey	3	
ART 3901	Introductory Sculpture	3	
Graphic Design Sequence:			24
ART 3401	Introduction to Graphic Design	3	
ART 3402	Graphic Design II (Typography)	3	
ART 4403	Graphic Design III (Type & Image)	3	
ART 4404	Graphic Design IV (Branding)	3	
ART 4405	Graphic Design V (Portfolio Development)	3	
ART 4406	Graphic Design VI (Professional Portfolio)	3	
ART 4586	Internship	3	
ART 4078	Junior Portfolio Review	NC	
ART 4998	Capstone Experience I	1	

ART 4999	Capstone Experience II	2	
Art History Electives, 3000 or Above			6
Art Electives, 3000 or Above			15
Concentration Electives, 3000 or Above			12
TOTAL			132

### **BFA in Art: Ceramics**

Fine Arts Core:			15
ART 3301	Beginning Ceramics	3	
ART 3601 or 3602	Painting I or Painting II	3	
ART 3701	Photography I	3	
ART 3801	Printmaking I: Survey	3	
ART 3901	Introductory Sculpture	3	
Ceramics Sequence:			24
ART 3302	Intermediate Ceramics	3	
ART 4302	Intermediate Ceramics	3	
ART 4303	Intermediate Ceramics	3	
ART 4304	Advanced Ceramics	12	
ART 4078	Junior Portfolio Review	NC	
ART 4998	Capstone Experience I	1	
ART 4999	Capstone Experience II	2	
Art History Electives, 3000 or Above			6
Art Electives, 3000 or Above			15
Concentration Electives, 3000 or Above			12
TOTAL			132

### **Bachelor of Art: Major in Art**

#### **Studio Option**

Core Areas A, B, C, D, E on page 105			42
Core Area F: Art			18
ART 1006	Design I (2-D)	3	
ART 1007	Drawing I	3	
ART 1008	Drawing II	3	
ART 1009	Design II (3-D)	3	
ART 2201	History of Western Art I	3	
ART 2202	History of Western Art II	3	
Foreign Language 2001, 2002			6
Major Courses			15
ART 3301	Beginning Ceramics	3	
ART 3601 or 3602	Painting I or Painting II	3	
ART 3801	Printmaking I: Survey	3	
ART 3901	Introductory Sculpture	3	
ART 4078	Junior Portfolio Review	NC	
ART 4998	Capstone Experience I	1	
ART 4999	Capstone Experience II	2	

Art History Electives, 3000 or Above	6
Studio Art Electives, 3000 or Above	15
Requires change due to university 15-18 credit hour requirement for Minor	
Minor and Electives	18
Requires change due to university 15-18 credit hour requirement for Minor	
TOTAL	120

### Art History Option

Core Areas A, B, C, D, E on page 105	42
Core Area F:	18
ART 1006      Design (2-D)	3
ART 1007      Drawing I	3
ART 1008      Drawing II	3
ART 1009      Design II (3-D)	3
ART 2201      History of Western Art I	3
ART 2202      History of Western Art II	3
Major Courses	15
ART 2301      Non-Western Art	3
ART 3220 or 3230	3
ART 3240, 3250, 3260, 3270, 3275 or 4290	3
ART 3280      Museum Seminar	3
ART 4078      Junior Portfolio Review	NC
ART 4298      Senior Capstone Art History I	1
ART 4299      Senior Capstone Art History II	2
Art History electives, 3000 or above	12
Studio Art electives, above 3000	9
Requires change due to university 15-18 credit hour requirement for Minor	
Foreign Language, French or German, at least through 2002	6
Minor and Electives, at least 9 hours, 3000 and above	18
Requires change due to university 15-18 credit hour requirement for Minor	
TOTAL	120

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.

### Application for Acceptance as an Art Major BA in Art (Studio)

Admission to the Department of Art for both the BA and BFA programs is selective. First-year students and transfer students intending to major in Art are required to submit an application for acceptance as an art major, upon acceptance to UWG. Application/portfolio reviews for acceptance will be held on announced dates during the Fall and Spring semesters. (See Department of Art website at <http://www.westga.edu/~artdept> for complete application description and dates). All applicants who are accepted will be approved for the BA in Art (Studio) degree.

The application/portfolio review is based on a consideration of artwork and a written effectiveness. Students who pass the application for admission review process are approved to register for ART 1006, 1007, 1008, 1009 and ART 2201 and 2202, as well as introduc-

tory studio art courses at the 3000 level. Students who do not pass the application/portfolio review are allowed to register for 9 credit hours of ART 1006, 1007, 1008, 1009 and ART 2201 or 2202. After the completion of the allotted 9 hours, the applicant must submit an updated application/portfolio for consideration in order to continue as an art major.

## **Application to the BFA in Art and the BA in Art History Degrees**

Students seeking the BFA in Art (Art Education, Ceramics, Graphic Design, Painting, Photography, Printmaking, Sculpture) or the BA in Art History must submit an application / portfolio for a faculty review. For most applicants this review takes place in the second semester of the sophomore year, or during the semester following the completion of Art 3301, 3601 or 3602, 3802, 3801, and 3901. All transfer students that have completed 45 or more credit hours must complete one semester in residence before they are eligible to submit an application to BA Art History or any BFA degree program. The BFA and the BA in Art History application / portfolio evaluations focus on an applicant's potential for success within a particular program or professional field. Applicants are expected to show skills and knowledge applied to artistic, design or scholarly problems. Applicant's work should demonstrate their ability, originality, and commitment, which altogether exhibit the applicant's potential to function as a professional artist, designer or scholar. All applicants are observed by faculty during the semesters prior to the BFA/BA Art History application on their ability to conduct themselves as future professional artists/designers and scholars. It is imperative for an applicant's application and review to meet or exceed departmental standards to be successful in the BFA/BA in Art History application process. (See Department of Art website at <http://www.westga.edu/~artdept> for full application description, requirements and dates).

## **Internships for BFA in Art**

Internships are available at local businesses and industries. Internships 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.

## **Junior Portfolio Review**

During the second semester of the junior year and with permission of student's Art advisor, all BA and BFA candidates must enroll and successfully complete ART 4078, while maintaining good standing. (See department website for specific requirements for ART 4078). The department will review juniors based on their portfolio, writings, and transcript progress. The faculty will assess the candidate's progress, skill base and knowledge gained. Successful candidates will be allowed to enroll into ART 4998 and 4999 Senior Capstone Experience sequence. Unsuccessful candidates can repeat ART 4078 up to two additional times. If a candidate receives an unsuccessful review on their third attempt, their degree status will be moved to the BA (Studio) or be subject for removal from the art program. (Be mindful of the minor and foreign language requirements FORL 2001, 2002). ART 4078 must be taken during a semester where the student is enrolled in 12 credit hours.

## **Capstone Sequence for BFA in Art**

After successfully completing ART 4078 and at the start of a candidate's final two semesters, BA and BFA in Art candidates will need to enroll in ART 4998 Capstone Experience I and 4999 Capstone Experience II. (ART 4998 is the prerequisite for 4999 and these courses cannot be taken simultaneously).

Candidates should discuss their approach and goals for the Senior Capstone with their advisor and formulate their Capstone Committee. Candidates will need to start developing a plan to assist in making the Capstone sequence a success.

Candidates should prepare a preliminary schedule of courses they wish to take prior to meeting with their advisors.

During the advising appointment, the advisor and student should continue discussing the program requirements and review the student's course selection. Any other individual or special concerns should also be discussed. (See department website <http://www.westga.edu/~artdept> or Art Office for complete information).

## **GPA and Grade Requirements for all Art Majors**

Art students are required to maintain a 2.5 overall GPA and a 3.0 Art GPA. A grade of C or better will fulfill Art requirements. No Art major may receive a D or lower in an Art course and have it fulfill the course requirement in any Art degree program.

## **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.

## **Requirements for a Minor in Art**

Students wishing to minor in Studio Art must take ART 1006, 1007 and ART 1009, and nine additional hours of studio art numbered 3000 or above. Requires special permission by instructor and department chair for prerequisite overrides.

## ENGLISH

TLC 2255 • 678-839-6512

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

### Professors:

F. Chalfant, L. Crafton, M. Crafton (Provost and Vice President for Academic Affairs), C. Davidson, M. Doyle, G. Fraser, R. Hendricks (Dean, College of Arts and Humanities), D. MacComb, D. Newton

### Associate Professors:

S. Boyd, P. Erben, E. Hipchen, A. Insenga (Director of English Education), J. Masters (Director of Graduate Studies), M. Mitchell, M. Pearson (Interim Chair), A. Umminger

### Assistant Professors:

K. Casper, R. Harrison, E. Mock, L. Miller

### Senior Lecturers:

B. James (University Writing Center Director), M. McFarland, L. Snaith

### Lecturers:

B. Adams (Director of First-Year Writing), K. Chaple, M. Jordan, S. Morin, B. Parks, C. Shelnut

### Instructors:

A. Elder, A. Ellison, K. Frank, J. Loicano, L. McKee, D. McMahand, R. McRae, C. McWhorter, J. Morgan, K. Murphy, P. Murphy, E. Schulten, J. Sewell, M. Sherling, R. Williams

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, ENGL 2180 and ENGL 2190 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 and ENGL 2180 or 2190 and ENGL 3000).*

## B.A. Degree with a Major in English

Requirement	Hours
Core Areas A, B, C, D, E on page 105	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 2180 (African American Literature)* or ENGL 2190 (Literature by Women)*	0-3
FORL (through 2002)*	3-6
<i>*Courses can be taken as electives in Core Area C.2.</i>	
Requirements for the Major (Upper-Division Courses)	30
A. ENGL 3000 (Research and Methodology)	3
B. 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*	
<i>* Courses will count in a designated area depending on the specific topic.</i>	
<i>**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.</i>	
C. Genre and Theory: Two (2) courses** selected from the following:	6
ENGL 4106, 4109, 4295, 4310, and 4385*	
<i>* Courses will count in a designated area depending on the specific topic.</i>	
<i>** 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).</i>	
D. Writing and Language: One (1) course selected from the following:	3
ENGL 3200, 3400, 3405, 4210, 4300, or 4385*	
<i>* Courses will count in a designated area depending on the specific topic.</i>	
E. English Major Electives: one course selected from ENGL 3000- or 4000-level courses.	3
<i>*No more than one (1) variable-credit, independent study or internship may be counted toward the major.</i>	

F. ENGL 4384 Senior Seminar*	3
<i>*Prerequisites: 2000-level ENGL courses in Area F, ENGL 3000, and 18 additional hours of upper-level ENGL courses with a C or higher;</i>	
No course may be substituted for the Senior Seminar.	
Minor and/or General Electives*	30
<i>*A minor is not required for the B.A. English degree.</i>	
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 GACE Basic Skills/Program Admission Assessment or exemption; 6) successful completion of EDUC 2110, EDUC 2120, EDUC 2130, and MEDT 2401 (if required); and 7) completion of any other departmental requirements. See English advisor for admission to TEP once pre-requisites have been met and for selection of core and major area courses.

Requirements	Hours
Core Areas A, B, C, D, E on page 105	42
<i>*ENGL 1101 and 1102 are prerequisites for all courses from ENGL 2110 through ENGL 4386 except ENGL 2060</i>	
Core Area F	18
ENGL 2110 (World Literature)*	0-3
ENGL 2120 (British Literature)*	0-3
ENGL 2130 (American Literature)*	0-3
ENGL 2180 (African American Literature)* or 2190 (Literature by Women)*	0-3
FORL (through 2002)*	3-6
<i>*Courses can be taken as electives in Core Area C.2.</i>	
<i>** Students in this track must take the ENGL-Ed designated section</i>	
Requirements for the Major (Upper-Division Courses)	30
ENGL 3000 (Research and Methodology)	3
A. Literary History: Four (4) courses, one from each of the following areas:	
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*	
<i>* Courses will count in a designated area depending on the specific topic.</i>	
<i>**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.</i>	
B. Genre and Theory: Two (2) courses selected from the following:	6
ENGL 4295 (Reading and Literature in Secondary English Classrooms)	3
ENGL 4106, 4109, 4310, OR 4385*	3
<i>* Courses will count in a designated area depending on the specific topic.</i>	

C. Electives: No Electives

D. Writing and Language: Two (2) courses:	6
ENGL 4300 (English Grammar OR History of the English Language)	3
ENGL 3400 (Pedagogy and Writing)	3

*\*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).*

E. ENGL 4384 Senior Seminar\* 3

*\*Prerequisites: 2000-level ENGL courses in Area F, ENGL 3000 and 18 additional hours of upper-level ENGL courses with a C or higher; No course may be substituted for the Senior Seminar.*

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 Integrating Technology into the Curriculum\*\*\*\*\* 3

SPED 3715 The Inclusive Classroom 3

SEED 4271 Curriculum in Secondary Schools\*\* 3

\*\* Admission to Teacher Education Program required before enrolling in these courses.

See admission requirements on page 164 for College of Education.

\*\*\*\* A grade of C or better is required in courses in these sections.

\*\*\*\*\*Prerequisite MEDT 2401 or exemption exam

Total Hours 124

## Requirements for a Minor in Literature

### 18 hours

Students must take one of the following: a) ENGL 2110, 2120, 2130, 2180, or 2190; b) ENGL 3000; 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

### 15 Hours

The courses required for the minor are: ENGL 2060: (Introduction to Creative Writing) or XIDS 2100: (The Creative Process), 3 hours; two different genre specific sections of ENGL 3200: (Intermediate Creative Writing), 6 hours; and two sections of ENGL 4210 (Advanced Creative Writing), in any genre, 6 hours. Classes counting toward the completion of the minor in creative writing must be passed with a grade of "C" or better.

Courses applied toward the creative writing minor cannot count toward the English major.

## Requirements for a Minor in Film Studies

### 18 Hours

Required courses	6
FILM 2080: Introduction to the Art of Film	
FILM 2100: History and Theory of Film	
Select 4 courses from the approved list	12*:
COMM 3356: Film and Culture	
HIST 4485: History in Film (Special Topics)	
PHIL 3160: Philosophy in Literature and Film	
FILM 3200: 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 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

The Africana Studies minor is a multidisciplinary program jointly housed in the English and History departments 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:

Requirements for a Minor in Africana Studies	Hours
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) One humanities course and one social science course	6

Total

15

## FOREIGN LANGUAGES AND LITERATURES

Cobb 107 • 678-839-6515

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

### Professors:

J. Blair, M. Cormican, D. Overfield (Assoc Dean), F. Tweraser (Chair)

### Associate Professors:

J. Farmer, E. Kim

### Assistant Professors:

L. Anderson, L. Connell, E. Dahms, Y. Fuentes, J. Zamostny

### Instructors:

V. Colón, L. Hill

### 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 and other cultures.
- 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 concentrations 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 Foreign Languages and Literatures, French Track

Requirement	Hours
Core Areas A, B, C, D, and E on page 105	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 28

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 (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:

FREN 3100 Composition and Conversation

FREN 3220 Survey of French Literature I

FREN 3221 Survey of French Literature II

FREN 4150 Advanced Language Skills

FREN 4310 Francophone Civilization or 4320 French Civilization and Culture

FREN 4484 Senior Capstone

In addition, students are required to complete through level 2001 in GRMN or SPAN.

Electives

32

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.

TOTAL

120

## **B.A. Degree with a Major in Foreign Languages and Literatures, German Track**

Requirement	Hours	
Core Areas A, B, C, D, and E on page 105		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		25

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:

GRMN 3101 German Conversation

(can be taken twice for credit with different content)

GRMN 3102 German Composition

(can be taken twice for credit with different content)

GRMN 3986 Total Immersion in German

(can be repeated for credit)

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 4250 Contemporary German Cinema

GRMN 4260 Austrian Literature and Culture

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

## B.A. Degree with a Major in Foreign Languages and Literatures, Spanish Track

Requirement	Hours
Core Areas A, B, C, D, and E on page 105	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	28
Spanish majors need to complete 19 semester hours of 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 3102 Composition	
SPAN 3030 Introduction to Hispanic Literature	
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.	
Electives	32
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.	
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 Political Science.

## **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 3030 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 GACE Basic Skills/Program Admission Assessment and EDUC 2110, 2120, and 2130 prior to being admitted to the College of Education. Spanish majors must complete SPAN 3101, 3102, 3030, 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, 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.

## **Requirements for a Minor in Gender and Sexuality Studies**

The interdisciplinary minor in Gender and Sexuality Studies provides an academic forum for the examination of gender and sexuality in contemporary and historical global cultures. It pursues the academic study not only of sexual diversity but also of masculinity and femininity as culturally and historically contingent phenomena. As such, it appeals to an increasingly diverse student population, including members of the GLBTQ community, who actively seek a comfortable, healthy, academic environment to examine and discuss issues relevant to their self-definition and everyday lives. The minor in Gender and Sexuality Studies also creates a broad and formalized academic forum for educating the entire student population and the greater Carrollton community about diversity in gender identity and sexual orientation.

The minor requires 15 credit hours, of which no more than 6 hours can be at the 2000 level and of which at least 3 hours must be at the 4000 level. Required Course: XIDS 2100: Introduction to Gender Studies (3 hours)

Electives – 12 hours (four of these must be taken in AT LEAST two different disciplines). Electives must be approved by the program director. A list of approved courses

may be obtained each semester from the Director of the Minor, Dr. Jeffrey Zamostny (Foreign Languages and Literatures; [jzamostn@westga.edu](mailto:jzamostn@westga.edu)).

## HISTORY

TLC 3200 • 678-839-6508

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

### Professors:

M. de Nie, H. Goodson (Chair), E. MacKinnon, A. McCleary

### Associate Professors:

K. Bohannon, C. Lipp, K. Pacholl, T. Schroer, G. Van Valen, D. Williams

### Assistant Professors:

M. McCullers, N. Popov (Graduate Coordinator), L. Rivers, C. Vasconcellos

### Lecturer:

T. Leslie

### Instructor:

R. Primuth, M. Hild, T. Pitts, S. Pollard

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 who earn the Bachelor of Arts degree in History will be able:

- to demonstrate a general knowledge of U.S. and world history and in-depth knowledge of a particular historical question;
- to recognize and to pose significant historical questions;
- to find useful primary and secondary sources;
- to analyze sources critically;
- to cite sources properly;
- to write in standard English
- to make an effective ten-minute oral presentation;;
- to construct a persuasive historical argument based on evidence; and
- to think historically.

### B.A. Degree with a Major in History

Requirement	Hours
Core Areas A, B, C, D, and E on page 105	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 2001 and 2002 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	3

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
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 focused on the pre-1800 period.	
Minor Field	15
Electives, all options	9-12
<b>TOTAL</b>	<b>120</b>

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.

## **B.A. Degree with a Major in History, Secondary Education Certification**

Students must earn a grade of C or above for all professional sequence courses in education and for all courses listed under content field in history

Requirement	Hours
Core Areas A, B, C, D, and E on page 105	42
Core Area F	18
Foreign language 2001 and 2002	0-6
History, remainder of World or US Surveys	3-6
HIST 2302 Methodology	3
Approved Electives	3-12
from ANTH, ECON, GEOG, POLS, PSYC, SOCI (no more than 6 hrs. from any one area)	
<b>Requirements for the Major</b>	<b>30</b>
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 Latin American, Asian, or African history	3
five additional upper-level electives in history, chosen from at least two different areas (U.S. Europe, other areas); at least one focused on the pre-1800 period; at least one focused on cultural diversity	15
<b>Secondary Education</b>	<b>37</b>
<sup>1</sup> EDUC 2130 Exploring Learning and Teaching	3
<sup>1</sup> EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity	3
<sup>1</sup> EDUC 2110 Investigating Critical and Contemporary Issues	3
The above 3 courses must be completed prior to Teacher Education admission. See advisor for complete list of Teacher Education admission requirements.	
<sup>1</sup> SPED 3715 Inclusive Classrooms	3
<sup>1</sup> MEDT 3401 Integrating Technology	3
*CEPD 4101 Educational Psychology	3
<sup>2</sup> *SEED 4243 Instructional Strategies Social Studies	3
**SEED 4243L Instructional Strategies for Secondary Social Studies Lab	1
<sup>2</sup> *SEED 4271 Curriculum in Sec. School	2
**SEED 4271L Secondary School Curriculum Lab	1

<sup>2</sup> *SEED 4286 Teaching Internship	9
<sup>2</sup> *SEED 4289 Teaching Internship Seminar	3

*Note: All education and major courses should be completed prior to enrollment in SEED 4286 and 4289*

Total Hours	127
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<sup>1</sup> Minimum 2.7 GPA and advisor code, Prerequisite to Teacher Ed admission

<sup>2</sup> Field experiences required

\*Requires admission to Teacher Education for enrollment. Grade of C or better.

## Minor in History

Requirements for a Minor in History	Hours
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
Total Hours	15 - 18

## 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:

Requirements for a Minor in Africana Studies	Hours
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

## Minor in Classical Studies

### What is Classical Studies, and why study it?

The study of the literature, languages, history, art, philosophy and political thought of the Greeks and Romans develops the mind by requiring students to engage critically with such timeless topics as beauty and esthetics, the ideal relationship of the citizen and the

state, the roles of men and women in society, freedom and slavery, the nature of war and peace, the purpose of literature, and the role of religion in public and private life. It is not surprising, therefore, that the Classics have long been considered the ideal foundation of education for the informed citizen in any profession.

### **Program of Study for the Minor in Classical Studies:**

1. Students are required to complete a total of 15 credit hours (5 courses) to be drawn from at least three different departments. At least 9 credits (3 courses) must be taken at the 3000-level and above. Courses are to be selected from the approved lists of courses in the Classical World and the Classical Tradition and its reception after Antiquity (see below), with the caveat that additional courses may qualify for the Minor, subject to the discretion of the Minor committee. Per USG rules, courses taken to satisfy Core areas A-E may not be counted as coursework in the Minor.
2. Students are strongly recommended to take Introduction to Classical Studies, a new XIDS 2100 course, to be taught for the first time in Fall 2012.

### **Courses on the Classical World:**

ART 2201 – History of Western Art I  
 ART 3220 – Art of the Ancient World  
 ENGL 2110 – World Literature  
 HIST 1111 – Survey of World History I  
 HIST 4423 – Women in the Ancient World  
 HIST 4432 – The Roman Republic  
 HIST 4485 – Greek and Roman Warfare  
 HIST 4485 – Civic Conflict and Civil War in the Ancient World  
 HIST 4485 – Latin and Epigraphy for Historians  
 PHIL 3100 – Ancient and Medieval Philosophy  
 POLS 4601 – Ancient and Medieval Political Thought  
 XIDS 2100 – Introduction to Classical Studies

### **Courses on the Classical Tradition and its Reception after Antiquity:**

ART 3230 – Medieval Art and Architecture  
 ENGL 4106 – Studies in Drama  
 ENGL 4110 – Medieval Literature  
 ENGL 4115 – Renaissance Literature  
 ENGL 4120 – 17th – Century Literature  
 ENGL 4188 – Shakespeare  
 FORL 4185 – Topics in Language and Literature  
 FREN 4230 – Classical French Drama  
 SPAN 4280 – The Spanish Golden Age  
 XIDS 2100 – Mythology and Religion

Have questions or would like to declare a Minor in Classical Studies?  
 Contact Dr. Nadya Popov (npopov@westga.edu or 678-839-5370)

### **Minor in Latin-American Studies**

See Latin American section of the Anthropology Program on page 229 for requirements for a Minor in Latin-American Studies.

# MUSIC

Humanities 105 • 678-839-6516

<http://www.westga.edu/music>

## **Professors:**

D. Bakos, J. Bleuel, K. Hibbard (Chair)

## **Associate Professors:**

C. Gingerich, E. Kramer, D. McCord

## **Assistant Professors:**

J. Byrd, D. Neely, C. Self

The Department of Music at West Georgia is dedicated to developing educators who are equally well trained as musicians and teachers, and to developing 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, and Performance with an Emphasis in Piano Pedagogy. The program of study in music education leads 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**

Cultural events are presented in the Kathy Cashen Recital hall, which houses a two-manual, 16-rank Reuter pipe organ and a 9-ft. Steinway concert grand piano, and in the Townsend Center for the Performing Arts, which boasts a mainstage hall of 455 seats and the Richard Dangle "black-box" Theater. 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 Kathy Cashen Recital Hall, the Humanities Building houses a state-of-the-art music technology lab, a well-equipped keyboard lab, a large percussion studio, multi-media classrooms, faculty studios, and numerous practice rooms. UWG is the first public university in the nation to be designated a Kawai EPIC Institution. In addition to the pianos mentioned above, our Excellent Performance Instrument Collection includes Kawai pianos in all classrooms, studios, practice rooms, and rehearsal rooms, an additional Steinway concert grand, and five Shigeru Kawai grand pianos of various sizes, including a designated rehearsal instrument reserved for Piano majors.

## **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 Ensemble, Symphonic Band, Chamber Winds,

Jazz Ensemble, Marching Band, Basketball Band, Keyboard Ensemble, Brass Ensemble, Woodwind Ensemble, Percussion Ensemble, 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/music>). 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 perfor-

mances 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/music/index\\_8004.php](http://www.westga.edu/music/index_8004.php)

## 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
Principal-Applied Area: Voice	
MUSC 4750 Concert Choir, MUSC 4760 Chamber Singers, or	
MUSC 4770 Opera Workshop (see note 5)	4
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
TOTAL Music-Minor Program	18

1. Music minors enroll in MUSC 1000 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 pre-requisite 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

Requirement	Hours	
Core Curriculum: Areas A-E on page 105		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 "Specific Requirements" No.3)	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).

## Bachelor of Music, Major: Music Education

### Music Education Major (48 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. 3.)	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. 3.)	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. 2.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. 2.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	3
(see "Specific Requirements" No. 2.C.)	

1. Six terms must be completed with the grade "S." Transfer students may transfer credit. (See Requirements Common to all Bachelor of Music Degrees on page 141.)
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 Program Admission test.
6. This course includes a field-based music teaching experience once per week.

**Professional Education (24 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 Program Admission test.*

*\*\*\*Admission to the Teaching Internship requires the satisfactory completion of all coursework (see College of Education on page 162). Application must be made one calendar year prior to the internship semester.*

TOTAL Degree Program

132

**Specific Requirements, Bachelor of Music in Music Education**

1. 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 and the GACE Program Admission 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 on page 162). Satisfactory completion of the GACE Content Assessments in Music is required for Georgia Teacher Certification.

## 2. 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.

## 3. 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. 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. Half Recitals exceeding 30 minutes of music must be approved by the hearing committee. 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.

## **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. 2.)	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. 2.)	10
MUSC 4400 Counterpoint (Prerequisite: MUSC 2302, 2402, and 2502)	2
MUSC 4941 Half Recital (see note 5 and "Specific Requirements" No. 2.D..)	0
MUSC 4942 Full Recital (see note 5 and "Specific Requirements" No. 2.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)	
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. 1.A..)	
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	3

(see "Specific Requirements" No. 1.B..)

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. 1.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 on page 141.)
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

1. 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).

## 2. 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.

## 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. 2.)	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	2

(Prerequisite: MUSC 3230)	
MUSC 4240 Form and Analysis	2
(Prerequisite: MUSC 2302 or permission of instructor)	
MUSC 4600 Principal Applied	10
(see note 4 and "Specific Requirements" No. 2.)	
MUSC 4400 Counterpoint	2
(Prerequisite: MUSC 2302, 2402, and 2502)	
MUSC 4941 Half Recital	0
(see note 5 and "Specific Requirements" No. 2.D..)	
MUSC 4942 Full Recital	0
(see note 5 and "Specific Requirements" No. 2.D..)	
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	2
(see "Specific Requirements" No. 1.)	
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 on page 141.)
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

#### 1. 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).

#### 2. 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. Half Recitals exceeding 30 minutes of music must be approved by the hearing committee. 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.

### **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	4
(see "Specific Requirements" No. 2.)	

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. 2.) (Prerequisite: MUSC 2302, 2402, and 2502 or equivalent)	10	
MUSC 4941 Half Recital (see note 5 and "Specific Requirements" No. 2.D..)	0	
MUSC 4942 Full Recital (see note 5 and "Specific Requirements" No. 2.D..)	0	
MUSC 4943 Jazz Recital (see note 5 and "Specific Requirements" No. 2.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. 1.)	4	
MUSC 4800-O Small Ensemble: Jazz Combo (see "Specific Requirements" No. 1.)	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 on page 141.)
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

1. 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.
2. 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. Half Recitals exceeding 30 minutes of music must be approved by the hearing committee. 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.

## 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. 2.)	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 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
MUSC 4600 Principal Applied (see note 4 and "Specific Requirements" No. 2.)	4
MUSC 4610 Secondary Applied or	
MUSC 4850 Applied Conducting (Prerequisite to MUSC 4850: MUSC 3850)	3
MUSC 4944 Half Composition Recital (see note 5 and "Specific Requirements" No. 2.D..)	2
MUSC 4945 Full Composition Recital (see note 5 and "Specific Requirements" No. 2.D..)	3
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. 2.A.)	3
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**Principal-Applied Area: Voice**

MUSC 4750 Concert Choir, MUSC 4760 Chamber Singers, or MUSC 4770 Opera Workshop (see "Specific Requirements" No. 2.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, MUSC 4740 Chamber Winds, MUSC 4750 Concert Choir, MUSC 4760 Chamber Singers, MUSC 4770 Opera Workshop or 4800 Small Ensemble (see "Specific Requirements" No. 2.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 on page 141)
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**

1. 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).
2. 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 4 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 Composition Recital (20-30 minutes of music) of the student's original compositions during the junior year and a Full Composition Recital (40-60 minutes of music) of the student's original compositions during the senior year. Successful completion of MUSC 4944 Half Composition Recital is a prerequisite for permission to enroll in MUSC 4945 Full Composition Recital. Half and Full degree recitals must be auditioned for approval by a faculty committee.

## PHILOSOPHY

TLC 2255 • 678-839-4848  
<http://www.westga.edu/~phil/>

### Professors:

J. Donohoe, R. Lane

### Associate Professor:

M Tietjen (Director)

### Assistant Professors:

R. Kellison, W. Riker

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, including the views of at least three major historical figures of philosophy
- Incorporate a philosophical position in oral and written communications
- Critically outline and analyze philosophical issues
- Exhibit critical thinking skills

### B.A. Degree with a Major in Philosophy

Requirement	Hours
Core Areas A, B, C, D, E on page 105	42
Core Area F	18
PHIL 2010	3
PHIL 2020	3
PHIL 2030	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 3140 Existentialism		
PHIL 4100 Phenomenology		
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 3140 Existentialism		
PHIL 3160 Philosophy in Literature and Film		
PHIL 4100 Phenomenology		
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 3220 Christian Thought		
PHIL 4230 Philosophy of Religion		
Minor (optional) and/or Electives		27
<b>TOTAL</b>		<b>120</b>

*\*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**

Requirement	Hours	
Core Areas A, B, C, D, E on page 105		42
Core Area F		18
PHIL 2010	3	
PHIL 2020	3	
PHIL 2030	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 3140 Existentialism

PHIL 3160 Philosophy in Literature and Film

PHIL 4100 Phenomenology

PHIL 4220 Hermeneutics

PHIL 4240 Philosophy of Friendship and Love

## C PHIL 3170 Asian Philosophy

PHIL 3205 Religious Texts

PHIL 3220 Christian Thought

PHIL 4230 Philosophy of Religion

Minor (optional) and/or Electives

27

TOTAL

120

## B.A. Degree with a Major in Philosophy, Religion Track

Requirement	Hours	
Core Areas A, B, C, D, E on page 105		42
Core Area F		18
PHIL 2010	3	
PHIL 2020	3	
PHIL 2030	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 3220 Christian Thought*	3	
PHIL 4230 Philosophy of Religion	3	
<i>*Students may take PHIL 3170 Asian Philosophy in place of PHIL 3220.</i>		
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 3140 Existentialism		
PHIL 3160 Philosophy in Literature and Film		
PHIL 4100 Phenomenology		
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 2010, 2020, 2030 plus three (3) additional upper-division courses.

## **Requirements for a Minor in Religion**

Eighteen (18) hours including PHIL 2010, 2020, 2130, plus three (3) courses chosen from the following, at least two (2) of which must be PHIL courses: PHIL 3170 Asian Philosophy, PHIL 3205 Religious Texts, PHIL 3220 Christian Thought, PHIL 4220 Hermeneutics, PHIL 4230 Philosophy of Religion, ANTH 4170 Myth, Magic and Religion, HIST 4478 American Religion to 1800, HIST 4479 American Religion Since 1800, PSYC 4130 Eastern and Transpersonal Psychologies, SOCI 3543 The Sociology of Religion.

## THEATRE

Martha Munro Building • 678-839-4700  
<http://www.westga.edu/~theatre/index.html>

### Professors:

A. Cuomo, R. Elman, P. Gagnon (Chair), A. Yeong

### Assistant Professors:

B. Darvas, A. Cabral

### Instructors:

P. Joyce, S. Polhemus

### Technical Director/Adjunct Faculty:

J. Webb

## 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. This program is nationally accredited through the National Association of Schools of Theatre (NAST).

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.

### Degree Learning Outcomes

- Students will demonstrate knowledge of selected plays, theatrical conventions, and theatrical movements important in the formation of the modern theatre.
- Students will describe basic knowledge of theatre history, theory, and criticism, including research sources and methodology.
- Students will demonstrate skills in analyzing plays, using theatre technology, and conducting research.
- 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.
- Students will apply skills learned in courses to a variety of work and social environments.
- Students will illustrate awareness of the complex human condition acquired through aesthetic and intellectual perceptions as evidenced in various modes of theatrical production.
- Students will function safely and effectively while using theatre technology.
- Students will demonstrate knowledge of the various means (acting, directing, designing, constructing, playwriting, etc.) through which a theatrical concept is realized.

Requirement

Hours

Core Areas A, B, C, D, & E on page 105		42
Core Area F		18
THEA 2100	3	
THEA 1291	3	
Foreign Language - 2001 and 2002	6	
THEA 1100	3	
Any one 1000 or 2000 level three-credit course in Art or Music (may include studio courses)	3	
Courses specific for the major		45
THEA 1000	0	
THEA 1111 & 1112	2	
THEA 2291	3	
THEA 2111 & 2112	2	
THEA 2214	3	
THEA 2290	3	
THEA 2390	3	
THEA 3291 or THEA 4485 or THEA 4486	3	
THEA 3392 or 3290	3	
THEA 3394	3	
THEA 3111 & THEA 3112	2	
THEA 3415	3	
THEA 3357	3	
THEA 4111	3	
THEA 4412 or THEA 3214	3	
THEA 4415	3	
THEA 4457W	3	
Electives for Theatre (select 6 hours from courses below)		6
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		9
6 hours at 3000 level or above outside the major		
3 hours must at 1000-2000 level outside the major		
TOTAL		120

## 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

Requirement	Hours
THEA 1111 or THEA 1112 Production & Performance	3 (1 hour each)
OR THEA 2111 or 2112	
OR THEA 3111 or 3112	
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

# COLLEGE OF EDUCATION

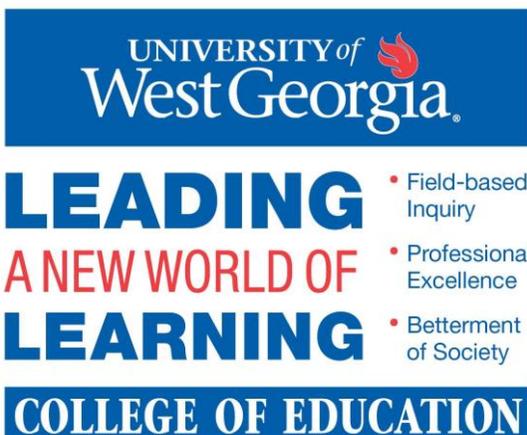
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*LEADING A NEW WORLD OF LEARNING*

Dianne L. Hoff, Dean

678-839-6570

<http://coe.westga.edu/>



## **Mission Statement**

Locally connected and globally relevant, the Mission of the College of Education is to prepare graduates for meaningful careers in diverse settings. Spanning undergraduate through doctoral study, we are committed to depth of knowledge and excellence in teaching, professional practice, and applied research.

## **Vision Statement**

The College of Education at the University of West Georgia will be recognized for Leading a New World of Learning, with relevant and innovative programs that contribute to educational improvement and the betterment of society.

## **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 (PWLA 1600) and one 1-hour activity course.

A range of activity courses is offered each semester emphasizing lifetime activities, fitness-based activities, individual pursuits, 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. Secondary Education (Grades 6-12), with these majors:
  - Biology
  - Chemistry
  - Earth Science
  - Economics
  - English
  - History
  - Mathematics
  - Physics
3. All level fields (Grades P-12)
  - Art Education
  - French
  - Health and Physical Education
  - Music Education
  - Spanish
  - Special Education - General Curriculum

The teacher education programs in Early Childhood, 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, 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 satisfactory requirements in the identification and education of children who have special needs.

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.

State authorization to provide a program related to the preparation of teachers or other P-12 school / system personnel does not indicate eligibility for an Alabama certificate. Applicants for an Alabama certificate based on reciprocity must meet Alabama's test requirements and submit a valid, renewable professional educator certificate / license issued by another state at the degree level, grade level, and in the teaching field or area of instructional support for which an Alabama certificate is sought and for which Alabama issues a certificate. Applicants for Alabama certification in an area of administration must also document at least three years of full-time employment as an administrator in a P-12 school system(s). [www.alsde.edu](http://www.alsde.edu)

## 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 through their Tk20 account. The Tk20 information page can be found at [http://westga.edu/coe/index\\_550.php](http://westga.edu/coe/index_550.php). Admission to the program is based on meeting specific qualifications.

Due to accreditation rule changes, the grade point average for Admission to Teacher Education is changing to a 3.0 minimum. This change will go into effect for students entering Teacher Education beginning with fall semester, 2016.

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://www.westga.edu/ofe/index\\_826.php](http://www.westga.edu/ofe/index_826.php).

## Eligibility

Admission to the teacher education program is a prerequisite to enrollment in professional education courses. Eligibility requirements for admission to teacher education for undergraduate programs include the following:

1. Completion of all core requirements for Areas A, B, C, D, E and F.
2. A minimum overall GPA of 2.5 is required for those entering the Physical Education degree program; a minimum overall GPA of 2.7 is required for those entering Art, Music, French, Spanish, Early Childhood, Secondary, Special Education: General Curriculum, and Speech-Language Pathology.
3. Proficiency in oral communication as demonstrated by a grade of C or better in any course found in Area B - Category 1 (Oral Communication) of the Core Curriculum, or by other means determined by the department—e.g., interviews or tapes of oral communication).
4. Satisfactory completion of the program admission test (or exemption) required of all candidates admitted to teacher education – GACE Basic Skills/Program Admission

Assessment 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.

5. Successful completion of Area F courses with grades of C or better.
6. Satisfactory completion of the physical education requirement of the college from which the candidate will graduate. See the Undergraduate Catalog for further details.
7. Satisfactory results on the College of Education Criminal Background Check.
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 Special Education: General Curriculum register concurrently for Block I: MEDT 3401, READ 4253, CEPD 4101, SPED 3713, READ 3251, and SPED 4709; Block II: SPED 3702, SPED 3761, SPED 3714, SPED 3751, and READ 3262; Block III: SPED 4712, SPED 4713, SPED 3752, 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; Block II: SLPA 3705, SLPA 3760, SLPA 3790, SLPA 4701, SLPA 4703; Summer (Junior Year): SLPA 4784; Block III: SLPA 4720, CEPD 4101, SPED 3713, SPED 4710, SLPA 4704; Block IV: SLPA 4721, SLPA 4722, MEDT 3401, SPED 3714, SLPA 4724.

Majors in French and Spanish with certification must be admitted to Teacher Education prior to taking SEED 4271; FORL 4502; 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 4011; MUSC 4021; 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 4009; ART 4010; 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 4243/4243L (Social Studies); ENGL 4238 (English); SEED 4271/4271L, ENGL 4286; SEED 4286, SEED 4289, and CEPD 4101.

Majors in Physical Education must be admitted to Teacher Education prior to taking the professional education sequence: Block I: PHED 3500, PHED 3501, PHED 3625, PHED 3670, PHED 4500, and CEPD 4101; Block II: PHED 3503, PHED 3671, PHED 4501, PHED 4603, PHED 3720, and SPED 3715; Block III: PHED 3401 (Summer Senior Year); PHED 3502, PHED 3504, PHED 3710, PHED 3675, PHED 4502, PHED 4605; and Block IV: PHED 4686 and PHED 4689.

### **College of Education Criminal Background Check**

A Criminal Background Check (CBC) and signed agreement to self-report are required of all students prior to admission to teacher education (TE) programs. These forms are located at [http://www.westga.edu/coe/index\\_850.php](http://www.westga.edu/coe/index_850.php) and must be submitted to the CBC Director in the COE Dean's office. The CBC form must be notarized and a notary public is available in the COE Dean's office. Candidates must have received a cleared status on their CBC prior participation in a field placement and agree to self report any incident that occurs after receipt of the clear CBC.

All candidates (undergraduates in teacher education and initial certification) applying to an initial teacher education preparation program (with the exception of UTEACH) are required to have a CBC and a signed agreement to self report submitted to the CBC Director as part of the admission requirements to TE.

All candidates in the UTEACH program must have a CBC and signed agreement to self report completed prior to their first field placement AND as part of the admission requirements to TE

Candidates in the sport management program must have a CBC and compliance form submitted prior to their internship.

There are no additional CBC requirements in subsequent field experiences for any candidate; however candidates are expected to self report any incident that occurs after receipt of the clear CBC. Failure to do so will result in automatic removal from the program.

### **Education Program Completion Requirements**

Candidates are recommended for the Georgia educator certificate only upon successful completion of the teacher education program and a passing score on the appropriate certification test of the teaching field content, as required for certification by the Professional Standards Commission. Candidates must meet the following requirements for successful completion of the teacher education program:

1. See specific bachelor's degree program as applicable.
2. Complete SPED 3713 (Special Education programs only) or SPED 3715, or department approved alternative to meet the special education requirement of Georgia House Bill 671.
3. Students must make a grade of C or better in all professional education sequence courses, in teaching field (content) courses, and in supporting courses for the teaching field, including Area F of the Core. (See program sheets.)

4. Student must satisfactorily complete all field experiences, including exhibiting responsible professional behavior at the field placement sites and in interactions with peers, faculty, and students.

## Field Experiences

All teacher education programs require satisfactory completion of field experiences. Check with appropriate College of Education departments for information on field experience requirements and procedures for application.

Application/enrollment for placements for all practicum, internship, and block courses must be completed through Tk20. Field experience applications are due the semester prior to enrollment. Due dates for submittal will be announced on the Office of Field Based Preparation website at [www.westga.edu/ofe](http://www.westga.edu/ofe).

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 students in their field placements at the student teaching internship experience level. The funds will also be applied to costs associated with field experiences (including evaluation forms and supervision travel).

## Liability Insurance

All teacher education candidates must provide their own liability insurance. Candidates, not the University of West Georgia, are responsible for acts committed while participating in professional field 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 Based Preparation. 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 Based Preparation.

## UWG Pre-Kindergarten

West Georgia operates a pre-kindergarten in the Education Annex for children aged four to five years who meet eligibility requirements for Georgia Pre-K. The program is under the direction of the Department of Learning and Teaching. The pre-kindergarten program

is open from 8 a.m. to 2:30 p.m. weekdays, August through May.

During the regular school year, the program employs four full-time teachers and four 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.

For further information, call 678-839-6563.

## **Multimedia Classrooms**

All College of Education classrooms and seminar rooms located in the Education Center, Education Annex, and Coliseum are equipped with a computer, LCD projector, and screen to support display of multimedia resources. Each computer has an internal CD/DVD player, USB connections on the keyboard or monitor to accommodate flash drives, and an Internet connection. Personal laptops can be integrated into the system using a provided cable and switch. Some rooms have a SP Control system, document camera, symposium touch screen monitor, promethean boards, and/or wireless mice. Technical assistance and training on equipment use is available through the ITS helpdesk (678-839-6587).

## **Computer Labs**

The College of Education provides two 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>. For technical assistance, contact the ITS Helpdesk at 678-839-6587.

## **TechHUB**

The TechHUB Technology-Enhanced Curriculum 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 TechHUB collection consists of both print and non-print materials for use in elementary, middle, and secondary schools. The collection includes e-books, interactive tools, literature for K-12 grades, curriculum guides, teaching activity guides, periodicals, manipulatives, software programs, DVDs, puppets, CDs, and games. Hours of operation, checkout policies, and general information can be found at <http://techub.westga.edu/>.

## **Test Center**

The Test Center is located in the TechHUB, 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://techub.westga.edu/>.

# DEPARTMENT OF CLINICAL AND PROFESSIONAL STUDIES

Ed. Annex 207/239 • 678-839-6554/678-839-6567

<http://www.westga.edu/coecsi>

*The Department of Clinical and Professional Studies offers programs and courses in the following areas:*

Professional Counseling (CEPD)  
Speech-Language Pathology (SLPA)

## **Area of Counselor Education and College Student Affairs**

### **Professors:**

S. Boes, D. Cobia, M. McClellan, R. Stanard

### **Associate Professors:**

J. Chibbaro, M. Parrish (Interim Chair)

### **Assistant Professors:**

R. Bronkema, M. Keim, C. Perjessy, M. Varga, J. Whisenhunt

### **Instructor:**

R. Day

## **Area of Communication Sciences and Disorders**

### **Associate Professor:**

K. Harris Brown

### **Assistant Professors:**

D. Dwight, M. El-Kady, L. Farran, T. Perryman

### **Instructors:**

E. Leak, A. Mayfield

## **B.S. in Education Degree with a Major in Speech-Language Pathology**

This pre-professional program is designed to give candidates a basic knowledge of human communication and communication disorders in preparation for graduate study in audiology and speech-language pathology. Speech and language development, normal anatomical and acoustic bases of communication, characteristics of a variety of commu-

nicative disorders, and 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.

Requirement	Hours	
Core Areas A, B, C, D, and E on page 105	42	
Area A - MATH 1111 recommended		
Area B - COMM 1110 recommended		
Area D - 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 <sup>A</sup>		
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 <sup>A, B</sup>		45
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 <sup>A, B</sup>		15
CEPD 4101	3	
SPED 3713	4	
SPED 3714	3	
SPED 4710	2	
MEDT 3401	3	
Total		120 <sup>c</sup>
Physical Education Requirement		3
PWLA 1600	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. The program is 120 hours plus 3 hours in PER to meet College of Education degree requirements.
- D. 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, as well as licensure to work in hospitals and other medical settings.
  - 1. See Specific Admission, Retention, and Program Completion requirements on page 164.
  - 2. See Specific requirements for the Bachelor of Science Degree in Education on page 99.

## DEPARTMENT OF LEARNING AND TEACHING

Ed. Annex 109 • 678-839-6559

<http://www.westga.edu/coeelce>

*The Department of Learning and Teaching offers programs/endorsements in the following areas:*

Early Childhood Education (ECED)

K-5 Mathematics Endorsement (EDME)

K-5 Science Endorsement (EDSE)

Reading Education (READ)

Special Education (SPED)

### **Area of Early Childhood Education**

#### **Professor:**

J. Drake

#### **Associate Professors:**

R. Duplechain, D. Harkins (Chair), J. Strickland

#### **Assistant Professors:**

N. Johnson, F. Stonier

#### **Instructors:**

E. Muzio, L. Steed

#### **Lecturers:**

J. Cox, R. Lansing

#### **Limited-Term Instructor:**

J. Heidorn

### **Area of Special Education**

#### **Associate Professors:**

J. Bucholz, M. Cooper, M. Trotman Scott

#### **Assistant Professors:**

K. Green, K. Griffith, S. Robbins, C. Smith

### **Area of Language and Literacy**

#### Reading Education

#### **Associate Professors:**

T. Ogletree, E. Roberts

## 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 block 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.

Requirement	Hours
Core Area A (Essential Skills)	9
Core Area B (Institutional Priorities)	5
COMM 1110 is recommended	3
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
Science (lab)	4
BIOL 1010/1010L is recommended	
Science	3
GEOL 1121 is recommended	
Math, Science, & Quantitative Technology	3
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
 <i>Note: To ensure proper background in required content area, ECED students are strongly advised to complete the following (or equivalent):</i>	
COMM 1110	GEOG 1013
ENGL 2110, 2120, or 2130	GEOL 1121
BIOL 1010 and 1010L	XIDS 2100
MATH 2008	
Physical Education Requirement	3
PWLA 1600	2
PWLA (activity course)	1
Courses Required for the Degree	
Professional Education	66
Block I	17
CEPD 4101 Educational Psychology	3
ECED 3271 Integ C, I, & CM for PreK-5 Class	3
ECED 3282 Practicum I	1
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 4283 Practicum II	2	
READ 3262 Teaching Content/Process: Reading Ed	3	
Block III	18	
ECED 4251 Assess & Corr Math Ed	3	
ECED 4251L Assess & Corr: Clinical Lab	1	
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 3402 Integrat Tech into the Classrm	2	
Total		128

## Notes:

- Application for field experiences must be submitted by posted deadline.
- See specific Admission, Retention, and Program Completion requirements on page 164.
- See specific requirements for the Bachelor of Science Degree in Education on page 99.

## **B.S. in Education Degree with a Major in Special Education-General Curriculum**

This program in the area of General Curriculum prepares candidates to teach students with disabilities who are being educated in the general education curriculum who attend preschool through high school programs, as well as preschoolers receiving special education services. 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 Initial Content Standards and the Initial Knowledge and Skills Sets of the Council for Exceptional Children.

Requirement	Hours
<i>Core Areas A<sup>a</sup>, B<sup>a</sup>, C<sup>a</sup>, D<sup>a</sup>, and E<sup>on page 94a</sup></i>	42
Area A - Math 1111 recommended	
Area B - COMM 1110 is recommended	
Area C - XIDS 2100 is recommended	
Area D - BIOL 1010L, and CS 1030 recommended	

Area E - GEOG 1013 recommended		
Core Area F: Major Specific Courses <sup>b</sup>		18
ISCI 2001	3	
ISCI 2002	3	
MATH 2008	3	
EDUC 2110	3	
EDUC 2120	3	
EDUC 2130	3	
Courses Required for the Degree <sup>b,c</sup>		60
CEPD 4101	3	
MEDT 3401	3	
READ 3251	3	
READ 3262	3	
READ 4251	3	
READ 4253	3	
SPED 3702	3	
SPED 3713	3	
SPED 3714	3	
SPED 3751 <sup>d</sup>	3	
SPED 3752 <sup>d</sup>		
SPED 3761	3	
SPED 4709	3	
SPED 4712	3	
SPED 4713	3	
SPED 4761	3	
SPED 4786 <sup>d</sup>	9	
SPED 4789	3	
Total		120
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. Courses require admission to Teacher Education
- d. Advance application required

DEPARTMENT OF EDUCATIONAL TECHNOLOGY AND FOUNDATIONS

Ed. Annex 139/146 • 678-839-6558/678-839-5259  
<http://www.westga.edu/coeei>

*The Department of Educational Technology and Foundations offers programs and courses in the following areas:*

Educational Foundations (EDFD/EDUC)  
Educational Psychology (CEPD)  
Educational Research (EDRS)  
ESOL (PTED)  
Media and Instructional Technology (MEDT)

**Area of Educational Psychology, Research, and Foundations**

Educational Foundations

**Professor:**

D. Jenkins

**Associate Professor:**

H. Ramanathan

**Assistant Professor:**

T. Peterson

**Instructor:**

M. Sethna

Educational Psychology

**Professor:**

L. Cao

**Associate Professor:**

M. Slone

**Assistant Professor:**

Y. Yang

Educational Research

**Professor:**

A. Packard

**Associate Professor:**

B. Kawulich

**Assistant Professors:**

F. Chummney, D. Mindrila, M.A. Varga

**Area of School Library Media and Instructional Technology**

**Professors:**

D. Baylen, D. Putney

**Associate Professors:**

S. Bronack (Chair), L. Haynes, J. Huett, P. Snipes

**Assistant Professors:**

Y. An, A. D'Alba, G. Bradford, K. Huett, O.P. Cooper

## DEPARTMENT OF LEADERSHIP AND INSTRUCTION

Coliseum 2057 • 678-839-6530

<http://www.westga.edu/coelai>

*The Department of Leadership and Instruction offers programs and courses in the following areas:*

Educational Leadership (EDLE)

Physical Education (PHED)

Personal Wellness (PWLA)

Secondary Education (SEED)

Sport Management (SPMG)

UTeach (UTCH)

### **Area of Educational Leadership**

#### **Professor:**

D. Hoff (Dean)

#### **Associate Professors:**

M. Gantner, M. Hooper, A. Nixon

#### **Assistant Professors:**

M. Bullard, C. Johnson

### **Area of Health and Physical Education**

#### **Associate Professors:**

B. Heidorn, J. Johnson

#### **Assistant Professor:**

B. Mosier

#### **Lecturer:**

B. Stewart

#### **Instructor:**

K. Clevenger, D. Morris

### **Area of Secondary Education**

#### **Professors:**

J. Butler, R. Morris

**Assistant Professors:**

J. Edleman, R. Huss, G. Marshall

**Instructors:**

A. Ayers, L. Moore

**Lecturer:**

R. Shepherd

**Area of Sport Management****Associate Professor:**

F. Butts (Chair)

**Assistant Professors:**

M. Henderson, G. Scremin, K. Teed

**Instructor:**

T. Ross

**B.S. in Education Degree with a Major in Physical Education**

Prior to entering the physical education major program, candidates 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 (this includes 2 credit personal wellness and 1 credit activity course).

Requirement	Hours
Core Areas A, B, C, D, E on page 105	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
Professional 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 4630 Foundations and Principles of Coaching	3	
PHED 4603 Advanced Concepts of Personal Training	3	
PHED 3720 Adapted Phys Education Field Exp	1	
SPED 3715 Inclusive Classroom	3	
Summer Senior Year	3	
PHED 3401 Integrating Tech Into Health/PE	3	
Secondary Block (Fall Senior Year)	17	
PHED 3502 Skills & Strategies Target/Outdoor 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		124
Physical Education Requirement		3
PWLA 1600	2	
PWLA (Any one hour activity course)	1	

*\*Requires admission to Teacher Education and a grade of "C" or better*

## **B.S. Degree in Sport Management**

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 assist 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, the program is committed to being sensitive to the dynamics that could affect the relevance of the 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.

Requirement	Hours
Core Areas A, B, C, D, E on page 105	42
Core Area F	18
CISM 2201	3
SPMG 2600	3
Approved Electives (1000-2000 level)	12

## Courses Required for the Degree

I. Professional Content	42
(Requires Admission to Sport Management)	
Select any 24 hours from:	
PHED 4603 SPMG 3660, SPMG 3661*, SPMG 3662, SPMG 3663,	
SPMG 3664, SPMG 3665*, SPMG, SPMG 4665, SPMG 4667, SPMG 4685**	
II. Required Professional Content	
SPMG 3670 Practicum	3
SPMG 4584 Pre-Internship Seminar	3
SPMG 4686 Internship	12
III. Related Content - University approved minor	
See College of Education advisor for recommendations	18
TOTAL	120
Physical Education Requirement	3
PWLA 1600	2
PWLA (any one-hour activity course)	1

\*May be taken with permission of instructor and overall GPA of at least 2.5

\*\*May be repeated for credit

### 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, including SPMG 2600 with a grade of C or better.

#### 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 to 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.

### 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, psychology, and sociology.

# COLLEGE OF SCIENCE AND MATHEMATICS

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Farooq Khan, Dean

<http://www.westga.edu/cosm>

The College of Science and Mathematics is charged with the responsibility of providing instruction to students majoring in traditional sciences and mathematics disciplines, as well as providing the general education component of all the non-science and mathematics 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. This is done by offering a challenging curriculum that exposes students to innovative teaching and hands-on experiences.

The College of Science and Mathematics offers degrees in all traditional areas of science and mathematics, including biology, chemistry, computer science, geology, mathematics, 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.

## **Graduation Requirement for Discipline-Specific Writing**

All students majoring in disciplines in the College of Science and Mathematics must satisfy the requirements for Discipline Specific Writing (DSW) in order to graduate.

### **DSW Requirements**

- ENGL 1101 and 1102 (or the equivalent of) are prerequisite to all "W" (writing-intensive) courses.
- W-courses will require a minimum of 4000 words of original, formal, graded writing, including one major assignment entailing instructor feedback and revision.
- Students must take at least two 3000/4000-level W-courses (courses approved as writing-intensive courses and marked in the course bulletin with a W) for a total of at least 6 hours. Both courses must satisfy requirements or electives in the student's major, and at least one must be specific to the major. Departments may also elect to designate specific courses in allied disciplines that would fulfill the DSW requirement for the major.
- DSW requirements vary from department to department: students should consult the catalog and department DSW website for requirements specific to their major.

### **Certificate Option**

A DSW certificate option is available for students who wish to gain additional experience in writing as well as to demonstrate a commitment to developing exemplary communication skills. A student may elect to double the basic DSW requirements, passing 12 hours of writing-intensive courses. These additional courses need not be in the student's major, unless the department specifies otherwise. Students who elect this option *and* earn a grade of C or above in each of their writing-intensive classes will receive:

- a Discipline-Specific Writing certificate, *and*
- transcript notation of this accomplishment.

### **Physical Education Requirement**

- The college of Science and Mathematics 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 Science and Mathematics to 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 Science and Mathematics. 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/](http://www.westga.edu/careerweb/).

## BIOLOGY

Biology 160 • 678-839-6547  
<http://www.westga.edu/biology/>

### Professors:

J. Hendricks, D. Morgan, G. Payne, S. Swamy-Mruthinti (Assoc Dean), C. Tabit (Interim Chair), H. Zot

### Associate Professors:

H. Banford, W. Kenyon, L. Kral, N. Penco, C. Perjessy

### Assistant Professors:

B. Ballentine, M. Johnson, M. Mitra, S. Molesworth-Kenyon, A. Zot

### Lecturer:

M. Hullender

### Instructors:

E. Duckett, P. Heard, K. Spitze

### Admission to B.S. in Biology Program

To be admitted into the B.S. program in Biology, students must have completed at least 30 hours with a cumulative GPA (including all transfer credit) of 2.5 or better. The criteria for declaring a major in the B.S. in Biology Program are as follows:

- The standard for declaring a major in Biology shall be the cumulative GPA as calculated by UWG from all academic courses on a student's transcript at the end of the most recent semester in which 30 or more academic hours have been completed.
- A student with fewer than 30 academic hours can elect to declare a pre-major in the B.S. in Biology program. This entitles the student to follow the Biology program of study under the supervision of a professional adviser of the Advising Center.
- A student who has completed a minimum of 30 academic hours with a cumulative GPA of 2.5 or greater can declare a major in Biology. This entitles the student to earn a B.S. in Biology degree under the supervision of a faculty adviser of Biology.
- A pre-major in Biology who reaches 30 academic hours with a cumulative GPA less than 2.5 is advised to meet with an adviser in the Advising Center and submit an action plan that includes specific steps to improve GPA. A major in Biology will be deferred to the first semester in which the student's GPA reaches or exceeds the standard as described above.
- In transferring from another major, a student who has accumulated at least 30 academic hours with a cumulative GPA less than 2.5 is advised to meet with an adviser in the Advising Center and submit an action plan that includes specific steps to improve GPA. A major in Biology will be deferred to the first semester in which the student's GPA reaches or exceeds the standard as described above.
- In transferring from another institution, a Biology major who has accumulated at least 30 academic hours can declare a major in Biology at UWG.

- The B.S. in Biology program imposes no other GPA restrictions. However, all students must meet minimum institutional GPA requirements for graduation.

### Learning Outcomes and Expected Results

- Students will use concepts, principles, and knowledge to demonstrate mastery in at least three of the following four subject areas: 1. cell biology; 2. molecular biology and genetics; 3. organismal biology; 4. population biology, evolution, and ecology.
- Students will use critical thinking skills or problem based learning skills to demonstrate mastery of the scientific method as it pertains to experimental design, data analysis, or interpretation of experimental data.
- Students will communicate scientific information through the acquisition, organization, or presentation of scientific information in written form.
- Students will communicate scientific information through the acquisition, organization, or presentation of scientific information in oral form.

## B.S. Degree with a Major in Biology, General Biology Track

Requirement	Hours	
Core Areas A, B, C, D, & E on page 105		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
BIOL 2107 and 2108 + Labs	8	
1000/2000 Level Academic Electives	10	
Requirements for Major: (21 hours BIOL 3000/4000)		39
Organismal Requirement	3 - 4	
Prokaryotic Requirement	3 - 4	
Ecological/Evolutionary Requirement <sup>1</sup>	3 - 4	
Physiological Requirement <sup>1</sup>	3 - 4	
Cell and Molecular Requirement	3 - 4	
Chemistry Requirement	3 - 4	
Biology Electives (3000/4000)	0 - 20	
Electives (3000/4000)	0 - 18	
Supporting Courses for the Major		6
MATH 1113 or Calculus (if not in Area F)	1 of 4	
CHEM 2411 + L (if not in Area F)	4	
CHEM 1211K and 1212K (if not in Area F)	8	
BIOL 1110 (if not in Area F)	3	
Electives		0 - 15
Total		120

<sup>1</sup> See Subtopic Biology Courses on page 188.

**B.S. Degree with a Major in Biology, Pre-Professional Track**

Requirement	Hours
Core Areas A, B, C, D, & E on page 105	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
1000/2000 Level Academic Electives	10
Requirements for the Major (21 hours BIOL 2000/4000)	39
Lower division requirements for Major:	4
CHEM 2411 + L	4
Upper division requirements for Major:	39
BIOL 4984	1
Organismal Requirement <sup>1</sup>	3 - 4
Prokaryotic Requirement <sup>1</sup>	3 - 4
Ecological/Evolutionary Requirement <sup>1</sup>	3 - 4
Physiological Requirement <sup>1</sup>	3 - 4
Cell and Molecular Requirement <sup>1</sup>	3 - 4
Clinical Requirement <sup>1</sup>	3
Chemistry Requirement <sup>1</sup>	3 - 4
Biology Elective (3000/4000)	0 - 17
Elective (3000/4000)	0 - 17
Supporting Courses for the Major	6
MATH 1113 (if not in Area F)	1 of 4
CHEM 1211K and 1212K (if not in Area F)	8
CHEM 2411 + L (if not in Area F)	4
BIOL 1110 (if not in Area F)	3
Electives	0 - 15
Total	120

**B.S. Degree with a Major in Biology, Secondary Education Track UTeach**

Requirement	Hours
Core Areas A, B, C, D, & E on page 105	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.	
Core Area F:	18
BIOL 2107 and BIOL 2108 + Labs	8
1000/2000 Level Academic Electives	10
1000/2000 Level Academic Electives	10
Requirements for the Major (21 hours BIOL 2000/4000)	46-51

BIOL 4984	1	
Organismal Requirement <sup>1</sup>	3 - 4	
Prokaryotic Requirement <sup>1</sup>	3 - 4	
Ecological/Evolutionary Requirement <sup>1</sup>	3 - 4	
Physiological Requirement <sup>1</sup>	3 - 4	
Cell and Molecular Requirement <sup>1</sup>	3 - 4	
Chemistry Requirement (without lab) <sup>1</sup>	3	
BIOL 3285	3	
STEM 3815	3	
UTCH 3001	3	
UTCH 3002	3	
UTCH 4000	9	
UTCH 3003	3	
UTCH 3004	3	
Supporting Courses for the Major		8
MATH 1113 (if not in Area F)	1 of 4	
CHEM 2411 + L (if not in Area F)	4	
BIOL 1110 (if not in Area F)	3	
CHEM 1211K (if not in Area F)	4	
CHEM 1212K (if not in Area F)	4	
UTCH 2001	1	
UTCH 2002	1	
Electives		1 - 6
Total		120

<sup>1</sup> See Subtopic Biology Courses on page 188.

## 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 either BIOL 1107 and BIOL 1108 or 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.

## Subtopic Biology Courses

Courses that meet the subdiscipline requirements are compiled in Table A.

Table A

Sub-Discipline	Courses that meet the Requirement
Organismal Requirement	BIOL 3221, 3223, 3226, 3231, 3232, 4241, 4242, 4245, 4441
Prokaryotic Requirement	BIOL 3310
Ecological/Evolutionary Requirement	BIOL 3135, 3242
Physiological Requirement	BIOL 3513, 4539
Cell and Molecular Requirement	BIOL 3134
Clinical Requirement	BIOL 3621, BIOL 3526, 4325, 4729, 4730, 4731, 4732, 4733, 4734
Chemical Requirement	BIOL 4503, CHEM 3422+L, 3310+L, 4711

\* Lab not required for Secondary Education Track

## Course Pre-requisite Information

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 should complete Combination A unless transferring the equivalent of BIOL 1107 or BIOL 1108 from another major or from another institution.

**CHEMISTRY**  
TLC 2135 • 678-839-6550  
<http://www.westga.edu/~chem/>

**Professors:**

S. Basu-Dutt, F. Khan, P. Ray, S. Slattery (Chair)

**Associate Professors:**

M. Fujita, A. Gaquere, V. Geisler, J. Hansen

**Assistant Professors:**

D. Stuart

**Lecturer:**

T. Ayers, D. Boatright

**Lab Coordinator:**

D. Otwell

The Department of Chemistry offers courses leading to a B.S. degree with a Major in Chemistry. Students may also elect to minor in chemistry. Students interested in chemistry should talk to a chemistry advisor as early as possible. There are three categories of degree tracks. The first category has degree tracks that are certified by the American Chemical Society (ACS). The ACS certified degree tracks have a greater concentration in either Applied Chemistry (Option A) or Biochemistry (Option B) and is recommended for students planning careers in chemical industry or for those who plan to pursue a graduate study in chemistry or biochemistry. The second category is a dual degree track that allows a student, in approximately five academic years, to obtain a Bachelor of Science with a Major 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 a transfer of 30 semester credit hours of chemical engineering courses from an engineering school. The third category of degree tracks offer students the opportunity to develop a broad background in preparing for a variety of careers in the area of business, law, secondary education, or for entering professional school in medicine, dentistry, veterinary science, and pharmacy. All of the chemistry B.S. Chemistry degree tracks 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.

## **B.S. with Major in Chemistry (ACS Certified) Options A and B**

The B.S. with a Major in Chemistry degrees, Option A (Concentration in Applied Chemistry) and Option B (Concentration in Biochemistry) are approved by the Committee on Professional Training of the American Chemical Society (ACS). 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. Both the A and B degree options

## B.S. Option A. Concentration in Applied Chemistry (ACS Certified)

A senior research thesis and oral presentation is required and designed to introduce students to modern advanced techniques and approaches to chemical research in conjunction with a faculty advisor.

Upon completion of this degree program the student will have acquired:

- A well-developed understanding of the major areas of chemistry including organic, analytical, physical, and inorganic chemistry
- The ability to formulate significant research questions, design experiments, carry out experimental protocol, and analyze and interpret data
- An understanding of mathematical formalism as applied to chemistry
- The ability to communicate effectively in both oral and written presentations
- Proficiency in retrieving information from the literature
- The ability to use appropriate computer applications and information technology as applied to chemistry
- Adequate preparation to compete successfully in a science-related career and/or a graduate or professional program
- An understanding of the impact of chemistry in a global/societal context

Requirement	Hours
Core Areas A, B, C, D, E on page 105	42
Core Area A must include MATH 1113*(*1 hr moved to Area F)	
Core Area D must include MATH 1634* (*1 hr moved to Area F), and PHYS 2211, PHYS 2212 is recommended.	
Core Area F: Courses specific to the major	18
MATH 2644	4
CHEM 1211 or CHEM 1212L	4
CHEM 1212 and CHEM 1212L, 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 or CS 1300	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 W courses are required.

\*\*A senior thesis paper and oral presentation are required.

\*\*\*Chemistry Electives: The following courses are not allowed: CHEM 3130, CHEM 3140, CHEM 4083, CHEM 4084, and CHEM 4185.

## B.S. Option B, Concentration in Biochemistry (ACS Certified)

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. 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 (e.g. medical school). It can be used to pursue opportunities in biotechnology, clinical chemistry, biomedical engineering, toxicology, and pharmacology to name a few examples. A senior research thesis and oral presentation is required and designed to introduce students to modern advanced techniques and approaches to chemical research in conjunction with a faculty advisor.

Upon completion of this degree program, the student will have acquired:

A well-developed understanding of the major areas of chemistry including biochemistry, organic, analytical, physical, and inorganic chemistry

- The ability to integrate principles from other sub-disciplines of biology and chemistry to the study of biochemistry
- The ability to formulate significant research questions, design experiments, carry out experimental protocol, and analyze and interpret data in both chemistry and biochemistry
- The ability to communicate effectively in both oral and written presentations
- An understanding of mathematical formalism as applied to chemistry and biochemistry
- Proficiency in retrieving information from the literature
- The ability to use appropriate computer applications and information technology as applied to chemistry and biochemistry
- Adequate preparation to compete successfully in a science-related career and/or a graduate or professional program
- An understanding of the impact of chemistry and biochemistry in a global/societal context.

Core Area A must include MATH 1113>(*1 hr moved to Area F)		
Core Area D must include MATH 1634(*1 hr moved to Area F), and PHYS 2211, PHYS 2212 is recommended.		
Core Area F: Courses specific to the major		18
MATH 2644	4	
CHEM 1211 and CHEM 1211L	4	
CHEM 1212 and CHEM 1212L or CHEM 2422 and 2422L	4	
CHEM 2411 and 2411L	4	
MATH credit from Area A and D	2	
Concentration		50-54
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 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 W courses are required.*

*\*\* A senior thesis paper and oral presentation are required.*

## Dual Degree Option: B.S. with Major in Chemistry (Non ACS Certified) and B.S. in 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 at 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 program requirements on page 201)

Upon completion of this degree program the student will have the ability to:

- understand the basic concepts of physical, organic, analytical, instrumental chemistry, and chemical engineering
- apply mathematical and computer techniques to solve numerical problems in chemistry and chemical engineering
- analyze and interpret experiments conducted in chemistry and chemical engineering
- communicate effectively in both oral and written presentations
- compete successfully in a science/engineering-related career

## **B.S. with Major in Chemistry (Non-ACS Certified) Degree Tracks:**

This degree has as its core a number of fundamental courses in chemistry and allows for students with interests in additional fields to build a broad based curriculum. Combining this degree with a minor or second major prepares students for a variety of career opportunities in addition to laboratory positions and include the following: with business – technical sales; with biology or geology – environmental studies, industrial hygiene; with political science followed by law school – patent law; with education – middle school or high school teaching.

Upon completion of the following degree tracks the student will have acquired:

- competence in the basic content of organic, inorganic, physical, analytical chemistry, biochemistry, and biology;
- the ability to carry out experimental protocols and analyze and interpret data;
- the ability to communicate effectively in both oral and written presentations;
- proficiency in the use of appropriate computer applications and information technology as applied to chemistry;
- adequate preparation to compete successfully in a science-related career or entering professional school;
- an understanding of the impact of chemistry in a global/societal context.

## **B.S. with Major in Chemistry, General Option**

Core Areas A, B, C, D, E on page 105

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Core Area A must include MATH 1113\*(1 hr moved to Area F)

Core Area C: foreign language is recommended.

Core Area D must include MATH 1634\*(1 hr moved to Area F), and PHYS 1111 or 2211, PHYS 1112 or 2212 is recommended.

Core Area F: Courses specific to the major

18

CHEM 1211 and CHEM 1211L

4

CHEM 1212 and CHEM 1212L

4

MATH 2644

4

CHEM 2411 and 2411L	4	
MATH credit from Area A and D	2	
Requirements for the major		27
Courses from the major:		
CHEM 2310	1	
CHEM 3422 and 3422L	4	
CHEM 3310K	4	
CHEM 3510 or 3521 or 3522	3	
CHEM 4610	3	
CHEM 4711	3	
CHEM 4910L	3	
CHEM electives (3000 or above)	6	
Supporting Courses and/or Minor Discipline Courses (refer to catalog) 33 hrs with minimum of 13 hrs 3000 or above		33
<b>TOTAL</b>		<b>120</b>

General Restrictions: No D's are permitted in a major course. A maximum of 4 hours of research is allowed in the degree program. Must complete 6 hours of 3000/4000 level W-courses where at least one is a chemistry course and the other may be a course and the other may be a course that is in the major program.

## **B.S. with Major in Chemistry, Business Option**

Requirement		
Core Areas A, B, C, D, E on page 105		42
Core Area A must include MATH 1113>(*1 hr moved to Area F)		
Core Area C: foreign language is recommended.		
Core Area D must include MATH 1634>(*1 hr moved to Area F), and PHYS 1111 or 2211, PHYS 1112 or 2212.		
Core Area F: Courses specific to the major		18
CHEM 1211 and CHEM 1211L	4	
CHEM 1212K (with 1212L) or CHEM 2411 and 2411L	4	
MATH 2644	4	
CHEM 2411 and 2411L	4	
MATH credit from Area A and D	2	
Requirements for the major		27
Courses from the major:		
CHEM 2130	1	
CHEM 3422 and 3422L	4	
CHEM 3310K	4	
CHEM 3510 or 3521 or 3522	3	
CHEM 4610L	3	
CHEM 4711	3	
CHEM 4910L	3	
CHEM electives (3000 or above)	6	
Minor in Accounting, Business Management, management Information Systems, Marketing, or Real Estate. See course catalog for specific re- quirements.		15-18
Electives		15-18
<b>TOTAL</b>		<b>120</b>

General Restrictions: No D's are permitted in a major course. A maximum of 4 hours of research is allowed in the degree program. Must complete 6 hours of 3000/4000 level W-courses where at least one is a chemistry course and the other may be a course that is in the major program.

## B.S. with Major in Chemistry, Pre-Professional Option

### (Pre-Med, Pre-Dent, Pre-Dent Hygiene, Pre-Vet, Pre-PA)

See Pre-Professional Progra on page 223m

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.

Requirement	Hours
Core Areas A, B, C, D, E on page 105	42
Core Area A must include MATH 1113>(*1 hr moved to Area F)	
Core Area C: foreign language is recommended.	
Core Area D must include MATH 1634>(*1 hr moved to Area F), and PHYS 1111 or 2211, PHYS 1112 or 2212	
Core Area F: Courses specific to the major	18
CHEM 1211 and CHEM 1211L	4
CHEM 1212 and CHEM 1212L or CHEM 2411 and 2411L	4
MATH 2644	4
CHEM 2411 and 2411L	4
MATH credit from Area A and D	2
Requirements for the major	27
Courses from the major:	
CHEM 2130	1
CHEM 3422 and 3422L	4
CHEM 3310K	4
CHEM 3510 or 3521 or 3522	3
CHEM 4610	3
CHEM 4711	3
CHEM 4910L	3
CHEM electives (3000 or above)	6
Courses from supporting disciplines (one of the following courses):	3-4
CS 1300, MATH 2063, or 2654, or 3303, SPAN 1002	
Recommended Minor (Biology, Psychology, or Spanish)	15-18
15-18 total hours with minimum 9-12 hours at 3000-level or above	
Electives	15-18
TOTAL	120

General Restrictions: No D's are permitted in a major or minor course. A maximum of 3 hours of research is allowed in the degree program. Must complete 6 hours of 3000/4000 level W-courses where at least one is a chemistry course and the other may be a course that is in the major program.

## B.S. with Major in Chemistry, Secondary Education Option

• Advisor: S. Dutt

Core Areas A, B, C, D, E on page 105

42

Core Area A must include MATH 1113>(\*1 hr moved to Area F)

Core Area B (UTCH 2001 and 2002 is recommended)		
Core Area C: foreign language is recommended.		
Core Area D must include MATH 1634*(1 hr moved to Area F), and PHYS 1111 or 2211, PHYS 1112 or 2212 is recommended.		
Core Area F: Courses specific to the major		18
CHEM 1211 and CHEM 1211L	4	
CHEM 1212 and CHEM 1212L	4	
MATH 2644	4	
CHEM 2411 and 2411L	4	
MATH credit from Area A and D	2	
Requirements for the major		27
Courses from the major:		
CHEM 2310	1	
CHEM 3422 and 3422L	4	
CHEM 3310K	4	
CHEM 3510 or 3521 or 3522	3	
CHEM 4610	3	
CHEM 4711	3	
CHEM 4910L	3	
CHEM electives (3000 or above)**	6	
Supporting Courses		14
CHEM 3825 (Research Methods)	3	
BIOL 1107 and 1107L	4	
BIOL 1108 and 1108L	4	
STEM 3815 (Perspective on Science & Math)	3	
Professional Education Concentration		21
UTCH 3001 (Knowing & Learning)	3	
UTCH 3002 (Classroom Interactions)	3	
UTCH 3003 (Problem Based learning)	3	
UTCH 3004 (Inclusive Math & Science Classroom)	3	
UTCH 4000 (Apprentice Learning)	9	
TOTAL		122

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. Must complete 6 hours of 300/4000level W- courses where at least one is a chemistry course and the other may be a course that is in the major program.

Chemistry Workshop Leader ( It is required to be a chemistry workshop leader for one semester. To apply as a workshop leader one must have a minimum grade of B in both CHEM 1211 and CHEM 1212, and have a minimum GPA of 2.9. Also, the student must take the course XIDS 2002 (What do you know about Leadership).

\*\* CHEM 3130 and 3140 cannot be used here.

## 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

## COMPUTER SCIENCE

TLC 2200 • 678-839-6485

<http://www.cs.westga.edu/>

### **Professor:**

A. Abunawass (Chair)

### **Associate Professor:**

L. Baumstark, W. Jin, W. Lloyd, A. Remshagen, L. Yang, D. Yoder

### **Assistant Professor:**

J. Church, M. Orsega

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 that is accredited by the Computing Accreditation Commission of ABET, <http://www.abet.org>. 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.

## **B.S. Degree in Computer Science**

**Accredited by the Computing Accreditation Commission of ABET,  
<http://www.abet.org>.**

Requirement	Hours
Core Areas A,B,C,D and E on page 105	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 1301 Computer Science I	4	
CS 1302 Computer Science II	3	
CS 2100 Introduction to Web Development	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 3201 Program Construction I	3	
CS 3202 Program Construction 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 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 DSW (Discipline Specific Writing) 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 2100 Introduction to Web Development	3
CS 3201 Program Construction I	3
CS 3211 Software Engineering I	3
CS 3280 System and Network Administration	3
Additional 3000/4000 level CS courses	3 - 6
<b>TOTAL</b>	<b>15 - 18</b>

## ENGINEERING STUDIES

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 B.S. Plan C on page 193)

### Chemical Engineering, Bio Engineering Options

Requirement	Hours
Core Curriculum Areas A, B, C, D, & E on page 105	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	
CHEM 2411 and 2411L	4	
Math credit from Area A and D	2	
Concentration		60
Courses from the major:		
CHEM 2130	1	
CHEM 2422 and 2422L	4	
CHEM 3310K	4	
CHEM 3521	3	
CHEM 3522	3	
CHEM 3810	3	
CHEM 3830	3	
CHEM 47XX	3	
Courses from Supporting Disciplines		
MATH 2853	3	
MATH 3303	3	
BIOL 1107 and BIOL 1107L	4	
Engineering Courses Transferred	26	
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

Requirement	Hours	
Core Curriculum Requirements		
Core Areas A, B, C, D, E on page 105		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	

*\*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.*

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 Physics Program section of this catalog)

Requirement	Hours
Core Areas A, B, C, D, E on page 105	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, 2211L, 2212L	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 1301	
x number of hours at the external institution	21-30
(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].	
TOTAL	120

## ENVIRONMENTAL STUDIES

Pafford 217 • 678-839-6505

<http://www.westga.edu/envstud/>

### Degree Advisors:

H. Gerhardt (Geosciences)

### Program Learning Outcomes

Students completing the Environmental Studies degree should be able to:

- Identify major regional and global environmental problems
- 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.

### Environmental Studies Minor

Required Courses:

15

Social Science (choose 2 courses)

6

XIDS 2202 or GEOG 2505

12 additional hours compiled from the list of 3000 level or higher "major courses" offered for a B.S. degree in Environmental Studies

See course lists for the Environmental Science Degree and Environmental Studies Degree for possible selections (must be upper-level courses).

## GEOSCIENCES

Calloway 148 • 678-839-6479

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

*with Programs in Geology, Earth Science and Geography*

### **Professors:**

D. Bush, C. Hollabaugh (Chair), R. Kath, J. Seong

### **Associate Professors:**

G. DeWeese, H. Gerhardt, J. Mayer, A. Walter

### **Assistant Professors:**

C. Berg, B. Deline, J. Hong, S. Rose, K. Tefend

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 the interactions between people and places, local and global processes, and social and biophysical systems. It is an integrative discipline in which scholars endeavor to understand the role of humans in producing the social and biophysical worlds in which they live. Geographic knowledge can be applied to explain cultural and political conflicts, environmental policies and practices, human landscapes, and economic well-being. Modern geographical analysis typically involves cartographic and geospatial techniques (GIS) and both qualitative and quantitative methods.

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.

A range of 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. Four degree options are available under the B.S. Degree in Geography: Human Geography emphasizes on urban, political, economic, cultural, and social processes; Physical Geography concentrates on biological and geomorphological systems and atmospheric (weather and climate) processes; Environmental Geography focuses on the interactions between society and natural systems; and GIS concerns geospatial technologies and spatial analysis.

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>

Requirement	Hours
Core Areas A, B, C, D, and E See University of West Georgia Core Curriculum requirements on page 105 (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	31
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 4082 Independent Research	1
GEOL 4084 Hydrogeology	4
GEOL 4501 Geology Seminar	1
GEOL 4604 Economic Geology	4
Other major requirements depending on plan	
Plan A: Pre-Graduate School Concentration	29
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 4024 Paleontology	4
GEOL 4033 Stratigraphy and Geochronology	3
GEOL 4404 or 4084	4
Approved Electives	0-12
Plan B: Pre-Professional Concentration	29
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 4024 Paleontology	
GEOL 4044 Engineering Geology	4
GEOL 4083 Environmental Geochemistry	3
GEOG 2553 or 3563 GIS or Remote Sensing	4
Approved Electives	5-13
Plan C: Environmental Geology	29
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 Statistics	3	
GEOL 4083 Environmental Geochemistry	3	
GEOG 2553 Geographic Information Systems	3	
Approved Electives		6-18
Plan D: General Geology degree		29
Approved Electives	29	
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)**

### **(Geologic Engineering Option)**

(see Engineering Studies Program on page 200)

## **B.S. Degree with a Major in Earth Science**

### **(For Certification in Secondary Education)**

		Hours
Requirement		
Core Areas A, B, C, D, E on page 105		42
Area A must include MATH 1113		
Area D must choose Option II		
MATH 2063, GEOG 1112/1112L and GEOG 1113/1113L recommended		
Area F		18
GEOL 1121+1122 & GEOL 1121L+1122L,		
CHEM 1211K & CHEM 1212K		
MATH 1113		
Elective		
Required Courses, College of Education		26
UTCH 2001	1	
UTCH 2002	1	
UTCH 3001	3	
UTCH 3002	3	
UTCH 3003	3	
UTCH 3004	3	
UTCH 4000	9	
STEM 3815	3	
Required Lower Division Courses		9-12
GEOL 2503	3	
GEOL 2002	2	
ASTR 2313/2313L	4	
MATH 2063 (if not in core)	0-3	
Required Upper Division Courses		16-17
GEOL 3004 or GEOL 3014	4	
GEOL 4003 or GEOL 4083	3	
GEOL 4024 or GEOL 4103	3-4	

GEOL 4203	3
GEOL 3825	3
Electives chosen from the following any GEOL course 3000 or higher	5-9
GEOG 3713	
GEOG 4103	

## B.S. Degree with a Major in Geography

### Learning Outcomes

- Demonstrate an understanding of the geographic dimensions of social and/or physical patterns, relations, processes, and environments
- Demonstrate competence in acquiring, evaluating, and analyzing geographic data
- Demonstrate in-depth knowledge of a specific geographical question
- Demonstrate an ability to analyze data geographically
- Demonstrate an ability to construct and present an argument based on evidence
- 

Requirement	Hours	
Core		60
Core Areas A-E on page 105	42	
Area A must have MATH 1113 or higher		
Area D must have Option II		
Area F	18	
GEOG 1013 World Geography	1-3	
GEOG 2083 Introduction to Geographical Analysis		
MATH 2063 Introductory Statistics or one of the following: MATH 1634 Calculus, Analytical Calculus, or Geometry II (if not taken in the core)	3	
GEOG 2553 Introduction to GIS Mapping Sciences or Computer Introduction/Applications Course	3	
Two laboratory science courses (in addition to Area D requirements) selected from the following: Physics, Chemistry, Biology, Geology, Geography (0-8)	0-8	
Additional courses as necessary from COSM, COSS, or COAH	0-6	
Major		60
Must have at least 39 hours of 3000/4000 level courses.		
Must take GEOG 4084 during senior year.	42	
Must choose a concentration. (Students in GIS concentration cannot minor in GIS and students in Environmental Sustainability concentration cannot minor in Environmental Sustainability.)		
Human Geography		
Required Courses		30-39
GEOG 1112 Weather & Climate or GEOG 1113 Land form Geography (if not taken in Area D or F)	0-3	
GEOG 2010 Political Geography	3	
GEOG 2503 Cultural Geography (if not taken in Area E)	0-3	

GEOG 2553 Introduction to GIS and Mapping Science (if not taken in Area D or F)	0-3	
GEOG 3253 Economic Geography	3	
GEOG 3643 Urban Geography	3	
Three of the following:		9
GEOG 3085 Selected Topics in Regional Geography		
GEOG 3405 Geographies of Sustainability		
GEOG 3644 Atlanta's Geographies		
GEOG 4253 Seminar in Economic Geography		
GEOG 4500 Moral Geographies		
GEOG 4643 Seminar in Urban Geography		
3000/4000 level hours any GEOG courses		9
GEOG 4084 Senior Seminar	3	
Minor and/or electives		21-30
Environmental Sustainability		
Required Courses		30-39
GEOG 1112 Weather & Climate (if not taken in Area D or F)	0-3	
GEOG 2505 Human Impacts on the Environment	0-3	
GEOG 2553 Introduction to GIS and Mapping Science (if not taken in Area D or F)	0-3	
GEOG 4400 Energy and Sustainability	3	
GEOG 4700 Global Environmental Change	3	
GEOG 3405 Geography of Sustainability	3	
GEOG 4086 Internship	3	
Two of the following:		6
GEOG 3713 Meteorology		
GEOG 3800 Biogeography		
GEOG 3900 Ecological Climatology		
GEOG 4103 Geography of Soils and Water		
GEOG 4900 Dendrochronology		
GEOG 3253 Economic Geography		
GEOG 3643 Urban Geography		
GEOG 4500 Moral Geographies		
Interdisciplinary Offering		9
Select upper level courses in ANTH, COMM, ECON, GEOG, HIST, POLS/PLAN, PSYC, SOCI or other approved disciplines when those courses focus on environmentally relevant topics. Must be approved by advisor.		
GEOG 4084 Senior Seminar	3	
Minor and/or electives		21-30
Physical Geography		
Required Courses		27-38
GEOG 1112 Weather and Climate (if not taken in Area D or F)	0-3	
GEOG 1112L Weather and Climate Lab (if not taken in Area D or F)	0-1	
GEOG 1113 Landform Geography (if not taken in Area D or F)	0-3	
GEOG 1113L Landform Geography Lab (if not taken in Area D or F)	0-1	
GEOG 2553 Introduction to GIS and Mapping Science (if not taken in Area D or F)	0-3	

Four of the following	12	
GEOG 3713 Meteorology		
GEOG 3723 Physiography of the United States		
GEOG 3800 Biogeography		
GEOG 3900 Ecological Climatology		
GEOG 4103 Geography of Soils and Water		
GEOG 4400 Energy and Sustainability		
GEOG 4700 Global Environmental Change		
GEOG 4800 Advanced Topics in Biogeography		
GEOG 4900 Dendrochronology		
GEOL 4003 Geomorphology		
3000/4000 level hours Any GEOG Courses	12	
GEOG 4084 Senior Seminar	3	
Minor and/or electives		22-33
Geographic Information Science		
Required Courses		39-45
GEOG 2553 Introduction to GIS and Mapping Science (if not taken in Area D or F)	0-3	
GEOG 1112 or 1113 Weather and climate or Landform Geography (if not taken in Area D or F)	0-3	
GEOG 3563 Introduction to Remote Sensing	4	
GEOG 4553 Geographic Information Systems	4	
GEOG 4554 Computer Cartography	4	
Three of the following:	12	
GEOG 4562 Airphoto Interpretation and Photogrammetry		
GEOG 4564 Introduction to Image Processing		
GEOG 4753 Advanced GIS and Spatial Analysis		
GEOG 4755 GIS Database Design		
GEOG 4757 Programming and Customization in GIS		
GEOG 4893 Practicum in GIS		
3000/4000 level hours GEOG, GEOL, CS, POLS, MGNT, or CISM	12	
GEOG 4084 Senior Seminar	3	
Minor and/or electives		15-21
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 3563 Introduction to Remote Sensing	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 4564 Introduction to Image Processing	4	
Total		15

**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**

Requirement	Hours
Core Areas A, B, C, D, and E on page 105	42
Core Area F	18
<b>CORE AREA F (Major Specific Courses)</b>	<b>18</b>
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	
COMM 1154 2002, 2100, 2104	
PHIL 2010, 2030	
ART 2201, 2202	
ASTR 2313	
BIOL 1012, 1013	
XIDS 2201, 2202	
CS 1020	
ENVS 1012, 2202	

ENGL 2110, 2190		
SOCI 1160, 1101, 2203		
FORL 2200, 2300		
ECON 2105, 2106, 2100		
GEOG 1111, 1112, 1113, 2010 1013, 2503		
HIST 1111, 1112		
GEOL 1222, 1121, 2313, 2503		
MUSC 1100, 1110, 1120		
III. Foreign Language through 2002	3-12	
Major Courses:		33
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	

## 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 taken 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.*

## MATHEMATICS

Boyd 310 • 678-839-6489

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

### **Professors:**

A. Boumenir, M. Gordon, A. Khodkar, B. Landman (Chair), T. Vu, R. Xu, M. Yazdani

### **Associate Professors:**

W. Faucette, J. Kang, C. Leach, K. Shin, K. Smith, S. Sykes, F. Wei

### **Assistant Professors:**

N. Hoang, C. Jett, C. Kim, K. Moon, V. Paliwal

### **Limited Term Assistant Professor:**

N. Ahmad

### **Instructors:**

B. Brodsky, R. Staples, C. Thielemier

### **Lecturers:**

J. Bellon, R. Chilluffo, S. Rivera, D. Robinson

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 four plans, each designed for specific career goals: Plan A, the Traditional Track; Plan B, the Applied Mathematics Track; Plan C, the Statistics/Actuarial Track; and Plan D, the UTEACH 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.

Plan B is designed to offer students a solid background in applied mathematics, prepare them for employment in government agencies such as communications, national security, and computer-related fields or industry such as engineering or computational types of work. It also prepares students for further study in mathematics.

Plan C, an option in applied statistics/ actuarial science, 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 D, 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:

Requirement	Hours
Core Areas A, B, C, D, and E on page 105 (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 Introduction to Computer Science	4
Major Requirements	40
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 I	3
MATH 4413 Abstract Algebra I	3
MATH 4043 Number Theory	3
MATH 4203 Mathematical Probability	3
MATH 4233 College Geometry	3
MATH 4253 Real Analysis	3
MATH 4353 Complex Analysis	3
MATH 4513 Linear Algebra I	3
Choose Three courses from	9
MATH 4213 Mathematical Statistics	
MATH 4423 Abstract Algebra II	
MATH 4473 Combinatorics	
MATH 4483 Graph Theory	
MATH 4523 Linear Algebra II	
MATH 4613 Introduction to Topology	
Total Major Requirements	40
Electives*	20
*At least two hours of electives must be at the 3000-level or above	
TOTAL	120

**B. - Applied Mathematics Track**

## Major Requirements

CS 1301 Computer Science I	3
MATH 3303 Ordinary Differential Equations	3
MATH 4013 Numerical Analysis	3
MATH 4253 Complex Analysis	3
MATH 4363 Partial Differential Equations	3
MATH 4413 Abstract Algebra I	3
MATH 4473 Combinatorics	3
MATH 4483 Graph Theory	3
MATH 4513 Linear Algebra I	3

Total Major Requirements 34

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\* 17

*\*At least eight hours of the 26 hours of directed electives and electives must be at the 3000-level or above*

TOTAL 120

**C. - Statistics/Actuarial Track**

## Major Requirements

CS 1301 Computer Science I	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
MATH 4823 Applied Experimental Design	3
MATH 4833 Applied Nonparametric Statistics	3

Total Major Requirements 31

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\* 20

*\*At least eleven hours of the 29 hours of directed electives and electives must be at the 3000-level or above*

TOTAL 120

**D. - UTEACH Secondary Education Track**

MATH 3303 Ordinary Differential Equations	3
MATH 4043 Number Theory	3
MATH 4203 Mathematical Probability	3
MATH 4233 College Geometry	3
MATH 4413 Abstract Algebra I	3
MATH 4513 Linear Algebra I	3

MATH Elective-One course at the 4000 level (excluding service courses for elementary education)	3	
Total Major Requirements		28
Certification Requirements		
UTCH 2001	1	
UTCH 2002	1	
UTCH 3001 Knowing & Learning	3	
UTCH 3002 Classroom Interactions	3	
UTCH 3003 Project-Based Learning	3	
UTCH 3004 Inclusive Math & Science Classroom	3	
MATH 3805 Functions & Modeling	3	
STEM 3815 Perspectives	3	
MATH 3825 Research Methods	3	
UTCH 4000 Apprentice Teaching	9	
Total Certification Requirements		32
Total		120

## B.A. Degree with a Major in Mathematics

Requirement		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 completed in Core Area A-E: PHYS 2211, PHYS 2212, CS 1301		25
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	
Total Major Requirements		25
Minor*		15
Electives*		20
<i>*At least seventeen hours of the 35 hours of the minor courses and electives must be at the 3000-level or above</i>		
TOTAL		120

## Minor in Mathematics

### 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 Master of Science in Mathematics, see the *Graduate Catalog*.

## PHYSICS

Boyd 208 • 678-839-4087

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

### Professor:

J. Hasbun, B. Powell (Chair)

### Associate Professors:

J. Talbot

### Assistant Professor:

N. Chestnut, A. DeSilva, N. Sterling

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 physic
- 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

Requirement	Hours
Core areas A, B, C, D, and E on page 105	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, 2211L, 2212L	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 3353, 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 on page 200

## B. S. Degree with a Major in Physics and a Business Concentration

### Plan C

Requirement	Hours
Core areas A, B, C, D, and E on page 105	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, 2211L, 2212L	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 (Two courses or six hours)	6	
CS 1301	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

Requirement	Hours	
Core areas A, B, C, D, and E on page 105		42
(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.)		
Core Area F		18
MATH 1113 (1 of 4), MATH 1634 (1 of 4)	2	
MATH 2644, 2654	8	
PHYS 2211, 2211L, 2212, 2212L	8	
Courses required for the degree		67
PHYS 3213, 3825, 4313	9	
STEM 3815	3	
Fifteen hours selected from:		
ASTR 3033, MATH 3303, MATH 3805, PHYS 3003, 3013, 3113, 3313, 3413		
3511, 3521, 3703, 4203, 4323, 4333, 4413, 4513, 4683, 4984		
Note that nine hours must be selected from: (if not taken in are a D)		
CHEM 1211K, 1212K and one hour of The Physical Universe (XIDS 2001 if not taken in area B)		
Certification Courses:	23	
UTCH 2001, 2002, 3001, 3002, 3003, 3004, 4000		
Electives:	10	

<sup>1</sup>Minimum 2.7 GPA required for enrollment

<sup>3</sup>Field 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 on page 220). 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 4013	(4)
CS 1301	(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.

Requirement	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

## PRE-PROFESSIONAL

### 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 (Political Science), M. Tietjen (Philosophy)

The Philosophy Program and the Department of Political Science each offers its own unique Pre-Law Program. Each Program is flexible in order to allow student preference to contribute to its curriculum.

The Philosophy Pre-Law Track follows the basic requirements for a B.A degree in Philosophy with some modifications. Program requirements include the following courses: Critical Thinking (PHIL 2020), Modern Philosophy (PHIL 3110), Philosophy of Law (PHIL 4110), Political Philosophy (PHIL 4115), and Professional Ethics (PHIL 4120). Symbolic Logic (PHIL 4160) is recommended as excellent preparation for the LSAT.

The Political Science 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 for the theory requirement, either American Political Thought (POLS 4603) or Modern Political Thought (POLS 4602). Other courses that discuss the legal system, or involve skills needed for law school, include: Symbolic Logic (PHIL 4160), Legal and Ethical Environment of Business (BUSA 2106), Business Law (MGNT 3602), International Business Law (MGNT 3625), Employment Law (MGNT 4640), Principles of Accounting I (ACCT 2101), Principles of Macroeconomics (ECON 2105), Creative Writing (ENGL 3200), and Advanced Composition: Creative Nonfiction (ENGL 3400).

## Pre-Medical, Pre-Dental and Pre-Veterinary

### Advisors for Biology Majors, Pre-Medicine & Pre-Dentistry:

J. Huff, W. Kenyon, S. Molesworth-Kenyon, L. Kral and S. Swamy-Mruthinti

### Pre-Veterinary Majors:

G. Payne

### Advisors for Chemistry Majors:

V. Geisler, P. 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-Pharmacy

Advisor: A. Gaquere-Parker and P. Ray

The pre-pharmacy student should expect to spend three 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 the first two years of required courses at University of Georgia and Mercer University. The third year is primarily Biology courses such as Microbiology, Anatomy & Physiology, Biochemistry, etc. 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.

Requirement	Hours
Core Curriculum Areas A, B, C, & E on page 105	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-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.

## B.S. with Major in Chemistry, Pre-Professional Track

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:

- competence in the basic content of organic, inorganic, physical, analytical chemistry, biochemistry, and biology;
- the ability to carry out experimental protocols and analyze and interpret data;
- The ability to communicate effectively in both oral and written presentations;
- proficiency in the use of appropriate computer applications and information technology as applied to chemistry;
- adequate preparation to compete successfully in a professional school or a science-related career; and
- understanding of the impact of chemistry in a global/societal context.

Requirement	Hours
Core areas A, B, C, D, and E on page 105)	42
Core Area A must include MATH 1113*( <sup>*</sup> 1 hour moved to Area F)	
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. ( <sup>*</sup> 1 hours moved to Area F)	
Core Area F: Courses specific for the major	18
CHEM 1211 (with 1211L)	4
CHEM 1212K (with 1212L) or CHEM 2411 and 2411L	4
MATH 2644	4
CHEM 2411 and 2411L	4
Math credit from Area A and D	2
Requirements for the major	27
Courses from the major:	

CHEM 2130	1
CHEM 3422 and 3422L	4
CHEM 3310K	4
CHEM 3510 or 3521 or 3522	3
CHEM 4610	3
CHEM 4711	3
CHEM 4910	3
CHEM electives (3000 or above)	6
Courses from supporting disciplines(one of the following courses): CS 1300, MATH 2063, or 2654, or 3303, SPAN 1002	3-4
Recommended Minor (Biology, Psychology, or Spanish)	15-18
15-18 total hours with minimum 9-12 hours at 3000-level or above	
Electives	15-18
<b>TOTAL</b>	<b>120</b>

General Restrictions: No D's are permitted in a major or minor course. A maximum of 3 hours of research is allowed in the degree program. Must complete 6 hours of 3000/4000level W- courses where at least one is a chemistry course and the other may be a course that is in the major program.

# COLLEGE OF SOCIAL SCIENCES

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N. Jane McCandless, Dean  
<http://www.westga.edu/coss>

The College of Social Sciences is charged with the responsibility of providing instruction not only to students majoring in the social science disciplines, but also for providing some of the general education component of business and education programs. The College of Social Sciences is committed to providing quality instruction in our majors and in the core. The College is home to six departments, eight undergraduate programs, five graduate programs, and one doctoral program.

The programs of the College of Social Sciences are united by a shared passion for understanding the richness of human behavior and the complexity of communication among people. We are concerned with societies, cultures, groups, and above all, individuals. The faculty of the college of Social Sciences is dedicated to educating students to meet the challenges of the future, not merely to live in the present.

To be an effective member of society, an individual needs to be able to participate constructively in a changing world. The departments of Anthropology, Criminology, Mass Communications, Sociology, Political Science and Planning, and Psychology aim to help students develop a constructive attitude toward learning, an understanding of the development of contemporary institutions, and a sense of responsibility for intelligent participation in the affairs of society.

## **Physical Education Requirement**

The college of Social 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 Social Sciences to the College of Education, the student must satisfy that college's physical education requirement.

**ANTHROPOLOGY**  
 Anthropology 01-B • 678-839-6455  
<http://anthropology.westga.edu/>

**Professors:**

L. Gezon (Chair), M. Snipes

**Assistant Professors:**

B. Steere, A. Smallwood

**Limited Term Assistant Professor:**

T. Jennings, S. Phillips

**Learning Outcomes**

Students completing the B.S. degree with a major in Anthropology should be able to:

- 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.S. Degree with a Major in Anthropology**

	Hours	
Requirements		
Core Areas A through E on page 105		42
Core Area F, Major Specific Courses		18
ANTH 1102	3	
Choose two: ANTH 2001; ANTH 2002; ANTH 2003	6	
Remaining Hours selected from:	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 BS 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.

**CRIMINOLOGY**  
Pafford 217 • 678-839-5199  
<http://criminology.westga.edu>

**Professors:**

J. Fuller (Emeritus), D. Jenks (Chair)

**Associate Professors:**

M. Johnson, C. Jenks (Associate VP for Institutional Effectiveness and Assessment)

**Assistant Professors:**

C. Bounds, (Director of Graduate Studies), G. Lee, M. Naito, L. Pazzani, E. Stupi (Director, Survey Research Center), E. Wentz, V. Woodward (Undergraduate Advisor)

**Instructors:**

K. Christopher, P. Riley

**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 GPA of 2.0. To graduate with a degree from this program students MUST receive a grade of "C" or better in CRIM 3240, CRIM 4284, CRIM 4000 and CRIM 4003. The B.S. in Criminology is also offered online.

**Learning Outcomes for Criminology Students**

- Knowledge of the main theories in criminology that offer various ways of understanding why people commit crime.
- Knowledge of the basic research methods in the social sciences.
- Knowledge of career options in criminology/criminal justice, including the pursuit of advanced degrees.

Requirement	Hours
Core Areas A, B, C, D, E on page 105	42
Core Area F – Major Specific Courses	18
CRIM 1100	3
CRIM 2000 and one of the following: ANTH 1102, PSYC 1101, SOCI 1160, SOCI 1101	6
Three of the following:	9
CRIM 2245, CRIM 2272, CRIM 2273, CRIM 2274, CRIM 2274, CRIM 2275	
Major Courses:	48
CRIM 4000, CRIM 3240, CRIM 4284	9
CRIM 4003	3
One course from each area below:	15
a. Global: CRIM 4911, CRIM 4248,	
b. Diversity: CRIM 4231, CRIM 4279, CRIM 4650	
c. Justice: CRIM 3241, CRIM 4293, CRIM 4712, CRIM 4277	
d. Violence: CRIM 4233, CRIM 4232, CRIM 4200	

e. Ethics: CRIM 4230 CRIM 4211

Upper Division Criminology Courses	12
Non-Criminology Courses at 3000 or 4000 level (may be shared with a minor)	
(subject to departmental approval)	9
Electives	12
<b>TOTAL</b>	<b>120</b>

*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.

## MASS COMMUNICATIONS

Humanities 139 • 678-839-6518

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

### **Professor:**

C. Gant (Chair), B. Yates

### **Assistant Professors:**

H. Cole, P. Hadley, D. Kay, S. Moon, T.R. Morris, C. Renaud, J. Sewell, A. Smallwood

### **Lecturers:**

M. Conrad, B. Daniel, G. Reid

### **Instructors:**

S. Barnes, A. Channel, L. Hester, A. Will, K. Williams

The Department of Mass Communications offers a Bachelor of Arts in Mass Communications and a minor in Mass Communications.

### **B.S. Degree with a Major in Mass Communications**

The Department of Mass Communications offers a Bachelor of Science in Mass Communications and minors in Film & Video Production and Mass Communications.

Through sequenced study in Convergence Journalism, Digital Media & Telecommunication, Film & Video Production, and Public Relations, students are educated and trained across media industries to meet the demands of a complex, technological media landscape and multicultural society. Across areas of concentration, students master an understanding of the paramount economic, legal/policy, ethical, social, and effects issues facing mass media within the context of freedom of speech, freedom of press, media competition, and media convergence.

The curriculum offers a balance of theoretical and conceptual courses that challenge students to think critically, creatively, and collaboratively, and professional skills courses that give students an opportunity to apply their knowledge in cutting-edge experiential learning labs – bluestone-Public Relations Firm, WUTV, The West Georgian, and The WOLF Internet Radio. Located approximately 45 miles west of Atlanta, the department also gives students the opportunity to regularly network and intern with mass media and public relations professionals in a top-10 media market. Students graduate with portfolios that showcase their scholarship and skills, and give them a competitive edge in the industry.

Convergence Journalism engages students in courses that build knowledge and skills in writing, reporting, and producing socially responsible and responsive news in today's converging multimedia landscape. Students learn to exercise news judgment, honor the tenets of journalism, and create news for and with audiences across traditional and emerging digital media platforms. Students gain hands-on experience early on and throughout their tenure with WUTV, The West Georgian and The WOLF Internet Radio.

Digital Media & Telecommunication engages students in courses that build knowledge and skills in traditional electronic and emerging digital media. Students explore historical, theoretical, and structural concepts of programming, management, and production of informational and entertainment radio, television, and digital content to serve today's

multicultural society. Students learn the art and science of successful storytelling, and create and produce original content for multiple digital media platforms. Students gain hands-on experience early on and throughout their tenure with WUTV and The WOLF Internet Radio.

Film & Video Production engages students in courses that build knowledge and skills in writing, analysis, production, and editing for film and video outlets. Students learn the art of cinematic storytelling, image design, and sound editing along with advanced post-production techniques and strategies within the broader field of film and video production. Students gain hands-on experience early on and throughout their tenure with workshops, seminars, and collaborative projects that lead to the distribution of their work via various traditional and digital outlets, e.g., competitions, film festivals, online platforms, screenings, social media, etc.

Public Relations engages students in courses that build knowledge and skills in today's multicultural domestic and global public relations industry. Students learn the importance of and processes behind building and maintaining mutually beneficial relationships between organizations and target publics through effective interactive communication. Students also gain hands-on experience in media relations, community relations, and employee relations through bluestone-Public Relations Firm and experiential and service learning projects for private, nonprofit, corporate, and public sector clients.

Requirement	Hours	
Core Areas A, B, C, D, & E on page 105		42
Core Area F		18
COMM 1154	3	
COMM 1110	3	
COMM 2254	3	
Foreign Language - 1000 or 2000 level	6	
Humanities or Social Science Elective	3	
Note that course may satisfy prerequisite for a minor course if not required for minor.		
Courses Specific for the Major		45
Required Courses	24	
Convergence Journalism Concentration		
COMM 3301, COMM 3303 or 4403, COMM 3352, COMM 3302 or COMM 4402, COMM 4421N or COMM 4421T, COMM 4450, COMM 4454, COMM 4484		
Digital Media & Telecommunication Concentration		
COMM 3305, COMM 3350, COMM 3351 or COMM 3352, COMM 3355, COMM 4421R or COMM 4421T, COMM 4454, COMM 4484, One (1) of the following: COMM 3354, COMM 3357, COMM 4455		
Film & Video Production Concentration		
COMM 3305, COMM 3353, COMM 3356, COMM 4452, COMM 4454, COMM 4484, Two (2) of the following: COMM 4405, COMM 4406, COMM 4407		
Public Relations Concentration		
COMM 3301, COMM 3313, COMM 4413, COMM 4414, COMM 4444, COMM 4451, COMM 4454, COMM 4484		
Electives		18-21
Must be 3000-4000 level COMM courses or approved courses from list be-		

low. At least 12 credit hours must be COMM Courses  
 Complete 18 credit hours if minor = 18 credit hours  
 Complete 21 credit hours if minor = 15 credit hours.  
 TOTAL

120

Additional COMM 3000-4000 level, ABED 3100 ABED 3106, ABED 4118,  
 ENGL 3200, ENGL 3405, FILM 3200, GEOG 3713, MGNT 4630, MKTG 3801  
 MKTG 3803, MKTG 3809, MKTG 3810, MKTG 4861, MKTG 4864, MKTG 4866,  
 POLS 3103, POLS 4215, PSYC 3200, PSYC 3600, PSYC 4090, PSYC 4140,  
 PSYC 4500, SOCI 3100, SOCI 3273, SOCI 3603, SOCI 3733, SOCI 3943,  
 SOCI 4203, SOCI 4323, SOCI 4373, SPMG 3665, SPMG 4665

Minor

15-18

**Major Requirements**

- Minimum grade of C for ENGL 1101, ENGL 1102, COMM 1110, COMM 1154, and COMM 2254.
- Must complete a major declaration form.
- A maximum of 3 credit hours of COMM 4421 (Practicum) may count toward major requirements though you may complete additional credit hours.
- A maximum of 3 credit hours of COMM 4486 (Internship) may count toward major requirements though you may complete additional credit hours.
- Must complete senior exit survey.
- Must complete requirements for a minor field.

**Minor in Mass Communications**

Requirements for a Minor in Mass Communications	Hours
COMM 1154	3
Electives	12
Must be 3000-4000 level COMM courses.	
Total	15

## POLITICAL SCIENCE AND PLANNING

Pafford 140 • 678-839-6504  
<http://www.westga.edu/~polisci/>

### Professors:

S. Caress, L. Howe, G. Kieh, R. Sanders, R. Schaefer

### Associate Professors:

T. Hunter, H. Mbaye, J.S. Peralta (Chair)

### Assistant Professors:

G. Dixon, H. Jun, S. Lee, P. Rutledge

### Limited Term Instructors:

S. Drammeh, A. Fleming, S. Waymon

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

Requirement:	Hours
Core Areas A, B, C, D, and E on page 105	42
Core Area F-I ( Foundations of Social Science)	18
Required:	
Foreign Language 2001 and 2002*	6
Choose four courses from the following:	12
ANTH 1102 Introduction to Anthropology	
BUSA 2106	
HIST 1111, HIST 1112, HIST 2111, or HIST 2112 if not taken in Area E (3 hrs. only)	
MATH 2063	
PHIL 2010	
PHIL 2020	
PHIL 2030	
XIDS 2100	
XIDS 2300	
XIDS 2301	
Any 2000 level course in ACCT, CISM, CRIM, ECON, ENGL, GEOG, POLS, or SOCI	
Any 1000 or 2000 level course in CS or PSYC	

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. No POLS course in which the student receives a grade lower than a "C" may count toward the major.

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

Requirement:	Hours
Core Areas A, B, C, D, and E on page 105	42
Core Area F-I ( Foundations of Social Science)	18
Learning Outcomes same as Core Area E (see Core Curriculum on page 105)	
Choose six courses from the following:	18
ANTH 1102	
BUSA 2106	
HIST 1111, HIST 1112, HIST 2111, or HIST 2112 if not taken in Area E (3 hrs. only)	
MATH 2063	
PHIL 2010	
PHIL 2020	
PHIL 2030	
XIDS 2100	
XIDS 2300	
XIDS 2301	
Any 2000 level course in ACCT, CISM, CRIM, ECON, ENGL, GEOG, POLS, or SOCI	
Any 1000 or 2000 level course in CS or PSYC	
Foreign Language (1000 or 2000 level)	
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.	
No POLS course in which the student receives a grade lower than a "C" may count toward the major.	
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

Requirement:	Hours	
Core Areas A, B, C, D, and E on page 105		42
Core Area F-I ( Foundations of Social Science)		18
Learning Outcomes same as Core Area E (see Core Curriculum on page 105)		
Choose six courses from the following:	18	
ANTH 1102		
BUSA 2106		
HIST 1111, HIST 1112, HIST 2111, or HIST 2112 if not taken in Area E (3 hrs. only		
MATH 2063		
PHIL 2010		
PHIL 2020		
PHIL 2030		
XIDS 2100		
XIDS 2300		
XIDS 2301		
Any 2000 level course in ACCT, CISM, CRIM, ECON, ENGL, GEOG, POLS, or SOCI		
Any 1000 or 2000 level course in CS or PSYC		
Foreign Language (1000 or 2000 level)		
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 4554)		
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	

*No planning or political science course in which the student receives a grade lower than a "C" may count toward the major.*

IV. Electives	18
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Electives may be taken at any level. It is recommended that students take electives from planning, geography, political science, sociology, and economics.

TOTAL	120
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## 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.

## Requirements for Minor in Public Administration

A student having a prerequisite of POLS 1101- American Government; a C or above in POLS 4200- Principles of Public Administration, and a C or above in four of the following courses:

POLS 4210- Modern Public Management,  
 POLS 4213- Comparative Public Administration and Policy,  
 PLAN 3701- Introduction to Planning,  
 POLS 3201- Public Policy,  
 POLS 4211- State and Local Politics and Administration,  
 POLS 4212- State and Local Government Finance,  
 POLS 4186- Internship in Government,  
 POLS 4215- Management of Non-Profit Organizations,  
 An S in POLS 4186- Internship in Government.

15 hours total, constitute a minor.

## PSYCHOLOGY

Melson 123 • 678-839-6510  
<http://www.westga.edu/psydept/>

### **Professors:**

C. Aanstoos, J. Dillon, T. Hart, D. Helminiak, K. Malone, L. Osbeck, A. Pope, D. Rice (Chair), L. Schor

### **Associate Professors:**

J. Diaz, E. Dodson, N. Korobov, M. Kunkel

### **Assistant Professors:**

T. Kurtis, K. Perkins, J. Roberts, C. Simmonds-Moore, K. Skott-Myhre

### **B.A. Degree with a Major in Psychology**

To Be Admitted Into The B.A. Program In Psychology, students must: have at least 45 completed hours of academic credit, earned a C or better in PSYC 1101, and have earned a grade of B or better in any three (3) Psychology (PSYC) courses (at any level).

### **Learning Outcomes**

The Undergraduate Psychology curriculum at the University of West Georgia affirms and builds upon the liberal arts goals of the University Core Curriculum and provides discipline-specific training designed to achieve the following goals and learning outcomes:

**Theoretical Dexterity**—Graduates of the psychology program will have developed a deep understanding of the dominant themes, conflicts, and perspectives within the discipline, as well as the ability to employ, critically evaluate, and shift among various perspectives when required. Specifically, they will

- Articulate and employ the major perspectives of psychology including biological/neuroscientific, behavioral, cognitive, psychoanalytic, critical, humanistic, and transpersonal psychology.
- Compare, contrast and describe advantages and limitations of these perspectives.
- Discuss overarching themes, persistent questions, or enduring conflicts in psychology such as the interaction of heredity and environment, or the interaction of mind and body.

**Application of Learning**—Graduates of the psychology program will be able to effectively and judiciously apply psychological concepts and perspectives to the major domains of life outside the classroom. Specifically, they will

- Identify and evaluate the source, context, and credibility of information.
- Articulate how psychological principles can be used to explain social issues and inform public policy.
- Critically evaluate popular media reports of psychological research.

**Historical-Cultural Context**—Graduates of the psychology program will demonstrate a keen awareness of the ways that culture and history have shaped the discipline and affect its practitioners. Specifically, they will

- Recognize how sociocultural contexts influence the application of psychological ideas.
- Narrate the history of psychology, including the evolution of methods, the theoretical conflicts, and the sociocultural contexts of the field.
- Understand how privilege, power, and oppression may affect prejudice, discrimination, and inequity.

**Personal Development**—Graduates of the psychology program will gain knowledge about their identity, values, aspirations, emotions, strengths and weaknesses. Specifically, they will

- Identify their personal and professional values.
- Demonstrate insight into, and awareness of, their emotions, motives, and attitudes using psychological ideas and principles.

**Career Discernment and Preparation**—Through close collaboration with faculty, graduates of the psychology program will have an understanding of the major career areas in psychology and an intimate knowledge of their own inclinations and vocations toward a particular area of work. Specifically, they will

- Describe preferred career paths in conjunction with their advisor and on the basis of an accurate self-assessment of abilities, achievement, motivation, and work habits.
- Apply knowledge of psychology (e.g., decision strategies, life-span processes, psychological assessment, types of psychological careers) to the formulation of career choices.

Core Areas A, B, C, D, and E on page 105 42

Core Area F (Major Specific Courses) 18

PSYC 1101

PSYC 2010

Foreign Language through 2002

TWO Courses (6 hours) of 1000/2000 level from among:

ANTH, ART CRIM, ECON, ENGL, GEOG, MUSC, PHIL, PSYC,  
SOC, or XIDS

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 4360 Community Psychology

Advanced Theory: 4

ONE Course (4 hrs) from the following list:

(Please note that you may take MORE than 1 of these)

PSYC 3900 Personality Theories		
PSYC 4010 Theories of Psychology		
PSYC 4030 History and Philosophy of Psychology		
TWO Courses (8 hrs) from the following list:	8	
(Please note that you may take MORE than 2 of these)		
PSYC 4000 Humanistic Psychology		
PSYC 4130 Eastern & Transpersonal Psychologies		
PSYC 4350 Culture & Psychology		
Advanced Topics:	8	
8 Hours of Psychology courses at or above 3000		
PSYC 4884 Integrative Seminar (Required for Majors Only)	3	
Electives		29
(Can be from any department, at least 8 hours need to be at or above 3000 level)		
TOTAL	120	

**Requirements for the Minor**

Requirement	Hours	
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		
PSYC 4030 History & Philosophy of Psychology		
B. Select upper division psychology courses	12	
Total		16

## SOCIOLOGY

Pafford 217 • 678-839-6505  
<http://www.westga.edu/~soccrim/>

### Professor:

J. McCandless (Dean, College of Social Sciences)

### Associate Professor:

P. Luken (Chair), P. Kirk, N. Noori

### Assistant Professors:

E. McKendry-Smith, W. Tripp, J. Weber

### Instructors:

T. Parsons, V. Wood

Sociology is the scientific study of society and human behavior. Through the use of both research and theories, sociologists develop understandings of complex forms of human behavior. Students in the BS degree program in Sociology learn about the very fabric of social relations through courses in inequality, aging, gender, deviance, globalization, social psychology, race and ethnicity, the environment, the media and more. The Sociology program seeks to provide students with mastery of basic academic subject matter along with the learning skills necessary for enrichment and continued success in academic and workplace environments. Upon graduation students are prepared for advanced graduate and professional school education and for entrance into the job market in business, government, non-profit organizations, and social services work. Internships are available to provide onsite, practical experience. Students are encouraged to pursue independent research, collaborate with professors on their research, and present their work during UWG's Social Science Research Day and at annual conferences, such as the Georgia Sociological Association and the Southeastern Undergraduate Sociology Symposium. The Sociological Collective provides students with fun and support, career information, opportunities for community service, speakers, and other activities. Students who qualify are also invited to join the national sociology honor society, Alpha Kappa Delta.

### Learning Outcomes

Students completing the B.S. degree with a major in Sociology should:

- Be able to communicate (orally and in writing) how sociology contributes to an understanding of social reality
- Understand theoretical and methodological approaches to description and interpretation
- Understand basic concepts, perspectives, and their interpretive applications
- Understand the reciprocal relationship between the individual and society
- Understand the diversity of American society
- Demonstrate an ability to think critically
-

**B.S. Degree with a Major in Sociology**

Requirement	Hours
Core Area A, B, C, D, E on page 105	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, and a capstone course: SOCI 4982, SOCI 4983 or SOCI 4984	12
Must complete SOCI 4000, and 4053, and 12 additional hours of 3000/4000-level sociology before enrolling in a capstone course. These required classes must be passed with a grade of C or better.	
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. No more than six hours of internship 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

**Undergraduate Certificates in Sociology**

Several certificates of specialization are available to Sociology majors and minors. Non-Sociology majors who complete a certificate program will also be awarded a minor in sociology. Each certificate requires 15 hours in specific courses. SOCI 1101 is required of all the certificates. Courses taken to receive a certificate also count toward the sociology major and toward additional certificates. The certificate programs and the courses that can be taken to fulfill the requirements are below.

### **Certificate in Research Methods**

SOCI 1101 and 12 hours of the following courses:

- SOCI 3001 Communicating Sociology
- SOCI 4000 Research Methods
- SOCI 4003 Applied Social Statistics
- SOCI 4613 Qualitative Research Methods
- SOCI 4015 Analyzing and Visualizing Data
- SOCI 4373 Visual Sociology
- Any approved SOCI 4999 course

### **Certificate in Global and Comparative Studies**

SOCI 1101 and 12 hours of the following courses:

- SOCI 4803 Environmental Sociology
- SOCI 3283 Globalization
- SOCI 3743 Collective Behavior and Social Movements
- SOCI 4325 Social Change in the Middle East
- SOCI 4333 Urban Sociology
- SOCI 3543 The Sociology of Religion
- SOCI 3293 Marriage and Family
- SOCI 4915 Violence Against Women
- SOCI 3273 Managing Cultural Differences
- SOCI 3733 Social Psychology: The Sociological Tradition
- Any approved SOCI 4999 course

### **Certificate in Cultural Diversity**

SOCI 1101 and 12 hours of the following courses:

- SOCI 3273 Managing Cultural Differences
- SOCI 3603 Sociology of Gender
- SOCI 3623 Social Inequality
- SOCI 3954 Aging: Past, Present, Future
- SOCI 4333 Urban Sociology
- SOCI 4323 Cultural and Racial Minorities
- SOCI 3943 American Class Systems
- SOCI 4916 Gender and Work
- SOCI 4543 Deviant and Alternative Behavior
- SOCI 4700 Sociology of Emotions
- SOCI 3543 Sociology of Religion
- SOCI 3293 Marriage & Family
- SOCI 3733 Social Psychology: The Sociological Tradition
- Any approved SOCI 4999 course

### **Certificate in Social Service**

SOCI 1101 and 12 hours of the following courses:

- SOCI 4445 Sociology of Childhood
- SOCI 3804 Death, Grief, and Caring

SOCI 4333 Urban Sociology

SOCI 3293 Marriage and Family

SOCI 4300 Housing and Homelessness

SOCI 4440 Sociology of Medicine

SOCI 4441 Sociology of Mental Health

SOCI 3134 Intro to Social Work

SOCI 4734 Social Work Skills

SOCI 4182 Aging Families

SOCI 4700 The Sociology of Emotions

SOCI 4915 Violence Against Women

SOCI 3954 Aging: Past, Present, Future

SOCI 3733 Social Psychology: The Sociological Tradition

Any approved SOCI 4999 course

# RICHARDS COLLEGE OF BUSINESS

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Faye S. McIntyre, Dean  
<http://www.westga.edu/business>

## Vision

To become a globally recognized college of business preparing forward-thinking, responsible leaders.

## Mission

We are in the business of transforming lives through education, engagement and experiences.

## Strategic Goals and Values

### *Student Success*

Admit quality students and provide them with an education that is rich in experiences and engagement opportunities to prepare them to be effective and ethical professionals.

### *Academic Success*

Recruit, retain and develop faculty and staff by providing sufficient resources to support dynamic and up-to-date bachelor and master-level curricula, to conduct research and other professional activities, and to support engagement with all stakeholders.

### *Operational Success*

Recruit, retain and develop administrative management and staff personnel to manage, develop and support infrastructure and those activities that build internal and external partnerships while working in an ever-changing environment.

### *Ethical Values*

The Richards College of Business community (administrators, faculty, staff, students, and business partners) share a commitment to the principles of honesty and integrity in interactions and undertakings, accountability for personal behavior, and respect for the rights, differences, and dignity of others. In addition, we strive to continuously improve our abilities to recognize unethical behavior and to make ethical and moral decisions.

[http://www.westga.edu/business/vision\\_and\\_mission.php](http://www.westga.edu/business/vision_and_mission.php)

The Richards College of Business offers the Bachelor of Business Administration degree (B.B.A.) with majors in accounting, economics, finance, management, management information systems, marketing, and real estate. 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 certification in business education for BBA degree majors. 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.

Note: All Richards College of Business students must be advised each semester 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.

### **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 for full business major status 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 (C or higher)	ACCT 2101
MATH 1413	ECON 2105 or 2106
ENGL 1101 (C or higher)	

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 Richards 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 prerequisites and have completed 45 hours of academic coursework with a 2.0 cumulative grade point average.

### **Business Core Requirements and Major Course Requirements for B.B.A. Majors are listed in each major.**

The following Learning Goals and Objectives are applicable for all BBA degrees, regardless of major. Please see specific majors for additional learning goals for the major.

#### **Learning Goal 1: Communicate effectively**

Objective 1: Students will produce professional quality business documents.

Objective 2: Students will make a professional presentation.

#### **Learning Goal 2: Apply basic quantitative skills to business problems**

Objective 1: Students will construct and interpret tabular and graphical methods of presenting qualitative and quantitative data.

Objective 2: Students will use spreadsheet software to evaluate and use the results of regression models.

Objective 3: Students will solve and interpret quantitative business models using spreadsheet software.

#### **Learning Goal 3: Use information technology to solve business problems**

Objective 1: Students will effectively use a word processing program.

Objective 2: Students will effectively use a spreadsheet program.

Objective 3: Students will effectively use a presentation program.

#### **Learning Goal 4: Possess a basic knowledge of accounting, economics, finance, the legal environment of business, management, and marketing**

Objective 1: Students will demonstrate a basic knowledge of the fundamental concepts of accounting, economics, finance, the legal environment of business, management, and marketing.

#### **Learning Goal 5: Understand how ethical decision-making and globalization affect organizations**

Objective 1: Students will demonstrate the ability to analyze issues and situations having ethical and legal implications for business.

Objective 2: Students will demonstrate a basic knowledge of international economic and business concepts.

**Learning Goal 6: Utilize general and management-specific knowledge and skills in the analysis of business and economic problems**

Objective 1: Students will demonstrate a basic knowledge of relevant costs for decision making.

Objective 2: Students will incorporate strategic thinking, analyze the current situation of an organization, and develop a plan to ensure its viability.

**Degree, Majors and Departments**

**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; (2) apply basic quantitative skills to business problems; (3) Use information technology to solve business problems; (4) Possess a basic knowledge of accounting, economics, finance, the legal environment of business, management, and marketing; (5) Understand 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.

Core Curriculum Requirements	Hours
Core Areas A, B, C, D, E on page 105	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

## **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.

## **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.

## ACCOUNTING AND FINANCE DEPARTMENT

Adamson Hall 202B • 678-839-6469

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

### Professors:

R. Best, B. Bird, J. Colley, C. Haynes, C. Hodges, K. Moffeit, S. Seay, J. Yoder

### Associate Professor:

M. Yu

### Assistant Professor:

L. Liu

### Lecturers:

J. Abrokwa, R. Guo, M. Hopper

## 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

Bachelor of Business Administration (B.B.A.) Accounting Majors are expected to meet the learning objectives found on the UWG web page for the Bachelor of Business Administration with a Major in Accounting on the Objectives tab.

	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	
 TOTAL	 120

## 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

Bachelor of Business Administration (B.B.A.) Finance Majors are expected to meet the learning goals and objectives of the Richards College of Business.

	Hours
Courses required for the degree:	51
Business Core: ABED 3100; CISM 3330; ECON 3402, 3406; FINC 3511; MGNT 3600, 3615; MKTG 3803	27
International Select (ECON 4450, FINC 4521, MKTG 4866 OR MGNT 4625)	
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	
<b>TOTAL</b>	<b>120</b>

## ECONOMICS DEPARTMENT

RCOB 1306 • 678-839-6477

<http://www.westga.edu/econ/>

**Professors:**

D. Boldt (Chair), S. Dutt, M. Kassis

**Associate Professors:**

A. Austin, J. Murphy, H. Patron-Boenheim, W. Smith

**Assistant Professors:**

M. Sinkey, S. Lopez

**Lecturer:**

H. Bono, M. Holder

**Instructor:**

M. Hildebrandt

### **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 [http://www.westga.edu/econ/index\\_12904.php](http://www.westga.edu/econ/index_12904.php)

	Hours
Core Areas A-E on page 105	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	
<b>TOTAL</b>	<b>120</b>

### **B.A. Degree in International Economic Affairs**

For International Economic Affairs Majors (B.A.), we expect graduating students will meet learning outcomes listed at [http://www.westga.edu/econ/index\\_12904.php](http://www.westga.edu/econ/index_12904.php)

	Hours
Core Areas A-E on page 105	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
<b>TOTAL</b>		<b>120</b>

\* 2002 or a 3000-or above language course may be substituted for FREN/GERM/SPAN 3450

\*\*No more than 18 hours of major or elective courses may be taken in traditional business subjects (ACCT, CISM, FINC, MGNT, MKTG or RELE)

## B.S. Degree in Economics

For Bachelor of Science (B.S.) in Economics Majors, we expect graduating students will meet learning outcomes listed at [http://www.westga.edu/econ/index\\_12904.php](http://www.westga.edu/econ/index_12904.php)

	Hours
Core Areas A-E on page 105	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
**No more than 18 hours of supporting or elective courses may be taken in traditional business subjects (ACCT, CISM, FINC, MGNT, MKTG or RELE)	
Physical Education Requirement	3
<b>TOTAL</b>	<b>123</b>

## 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 [http://www.westga.edu/econ/index\\_12904.php](http://www.westga.edu/econ/index_12904.php)

Accreditation: National Council for Accreditation of Teacher Education and Georgia Professional Standards Commission

*\*In collaboration with the College of Education*

Requirement	Hours
Core Areas A-E on page 105	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, 5 upper division ECON courses	
Education Courses	28
CEPD 4101, MEDT 3401, SPED 3715, SEED 4243, 4243L, 4271 4271L , 4286, 4289	
Electives	5
<b>TOTAL</b>	<b>120</b>

*\* To count for MEDT 2401*

**MANAGEMENT DEPARTMENT**

RCOB 2217 • 678-839-6472

<http://www.westga.edu/mgmtbus/>**Professors:**

T. Gainey (Chair), D. Turner (Assoc. Dean), J. Anderson, B. Prince F. Parsa, M. Zachary

**Associate Professors:**

E. Bergiel, L. Deng, J. Upson

**Assistant Professors:**

K. Green, J. Pridmore, S. Velez-Castrillon

**Lecturers:**

L. DeFoor, S. Dukes, P. Reaves, M. Sanchez, M. Smith

**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

<http://www.westga.edu/mgmtbus>

	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</i>	
<i>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, 3630, 3635,	
4621, 4626, 4630, 4640, 4680	
CISM/MGNT 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	

TOTAL 120

**B.B.A. Degree in Management Information Systems**

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:

<http://www.westga.edu/mgmtbus>

	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	
 TOTAL	 120

## MARKETING AND REAL ESTATE DEPARTMENT

RCOB 2301 • 678-839-6318  
<http://www.westga.edu/mktreal>

### Professors:

B. Bergiel, J. Burton, J. Haynes, S. Talpade (Chair)

### Associate Professors:

S. Hazari, D. Webb

### Assistant Professors:

S. Hall, D. Nickell, M. Rollins, Y. Wei

### Senior Lecturer:

M. Rickard

### Lecturers:

C. Brown, S. Thompson

## 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

<http://www.westga.edu/assetsDept/mktreal/Learninggoals.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:	24
MKTG 3808, MKTG 4864, MKTG 4870, MGNT 4660 Four courses from: MKTG 3801, 3809, 3810, 3839, 4805, 4808, 4831, 4861, 4866, RELE 3705/MKTG 3805	
Electives	9
At least two electives must be taken in the RCOB	
<b>TOTAL</b>	<b>120</b>

## 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 <http://www.westga.edu/assets/Dept/mktreal/Learninggoals.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:	24
RELE 3701, 3705, 3711, 3730, 4705, 4706, 4707; MGNT 4660	
Electives	9
At least two electives must be taken in the RCOB	
 TOTAL	 120

## Requirements for a Minor

### Non-Business Majors

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 3000 level in accounting.
- To minor in business administration, students must take ACCT 2101; ECON 2105 or 2106; 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 CISM 2201, CISM 2335, CISM 3330, CISM 3340, and CISM 4330.
- To minor in economics, students must take 15 hours of economics courses, of which at least 9 hours must be at or 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 BUSA 2106, MGNT 3600, plus 9 hours of MGNT courses above the 3000 level.
- 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, 4861, 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.

## **Business Majors**

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**

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 Courses". Approved courses include: ECON 3425, 4450, 4455, 4470; FINC 4521; MKTG 4866; MGNT 3627, 4625. No more than two courses 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 one course (3 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.

## **Certificate in Human Resources Management**

- A. Eligibility:
1. A 'Certificate in Human Resources Management' can be completed by either business or non-business 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 Management.
- B. Course Requirements (12 hours):
- MGNT 4620 Human Resource Management
  - MGNT 4621 Applications in Human Resource Management
  - MGNT 4640 Employment Law
- And one of the following:
- MGNT 3627 Managing Cultural Differences
  - MGNT 3630 Environmental Law
  - MGNT 4626 Women and Work
  - MGNT 4630 Dispute Resolution in Contemporary Organizations
  - MGNT 4680 Human Resources Practicum
- C. Certification: The Registrar will be notified by the Management 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 Management Department.

## Operations Management Certificate

### A. Eligibility:

1. An "Operations Management Certificate" can be completed by either a business or a non-business major.
2. Business majors are eligible when they have attained "Major Status" within the Richards College of Business and have taken the appropriate prerequisites.
3. Non-Business majors are eligible when they have completed 45 hours of classes with at least a 2.0 GPA and have taken the appropriate prerequisites.
4. Students can formally apply to enroll in the certificate program in the Department of Management.

### B. Course Requirements (12 hours):

MGNT 3615 - Operations Management

MGNT 4616 - Project Management

MGNT 3625 - Quality Assurance

MKTG 4885 - Logistics

*Note: Quality Assurance and Logistics will initially be offered under the "special topics" course designation within each department.*

- ### C. Certification:
- The Registrar will be notified by the Management Department Chair after a student completes all requirements for the certificate program. Completion will be noted on the student's transcript and the student will be awarded a certificate from the Management 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.

# TANNER HEALTH SYSTEM SCHOOL OF NURSING

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Jenny Schuessler, Ph.D., RN, Dean  
Tanner Health System School of Nursing • 678-839-6552  
<http://nursing.westga.edu>

## **Professors:**

J. Schuessler (Dean), C. Epps (Associate Dean), L. Ware (Associate Dean), C. Wilson

## **Associate Professor:**

B. Bar

## **Assistant Professors:**

M. Bishop, C. Brown, L. Robinson, S. Welch

## **Lecturers:**

J. Bradley, J. Bryan, L. Cody, J. Crager, H. Dever, A. Farmer, D. Harris, P. Horvath, B. Ishoy, T. McClenny, D. Morris, L. Patterson, T. Warren, D. Wise

The Tanner Health System School of Nursing at the University of West Georgia offers a Bachelor of Science in Nursing (BSN) degree with two tracks. The first track, for traditional 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.

## **Mission Statement**

The University of West Georgia, Tanner Health System School of Nursing exemplifies academic excellence in a caring environment by providing quality undergraduate and graduate education to meet current and evolving health care needs within the global community.

## **Program Objectives**

1. Provide holistic nursing care to persons (individuals, families, groups, communities, and populations) across the continuum of healthcare in a variety of settings at local and global levels, focusing on health promotion and disease and injury prevention across the lifespan.
2. Practice quality caring as the essence of nursing for persons of diverse cultures, values, beliefs, and lifestyles.

3. Utilize critical thinking and clinical reasoning based on theoretical, empirical, and experiential knowledge from the liberal arts and sciences to provide safe, competent, evidence-based care.
4. Communicate and collaborate effectively within inter-professional teams utilizing technology and information systems to improve health outcomes and healthcare systems.
5. Participate in analysis, critique, and reform of healthcare regulatory, policy, and financial systems that influence nursing and healthcare environments.
6. Apply leadership and management principles to empower nurses and achieve high standards of quality and safety in the delivery of person-centered care.
7. Assume altruistic legal and ethical responsibility and accountability for personal and professional behavior.
8. Utilize effective teaching strategies to empower persons to achieve healthcare goals.

### **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/](http://www.sos.state.ga.us/pbl/m/)

Commission on Collegiate Nursing Education  
One Dupont Circle, NW  
Washington, D.C. 20036-1120  
[www.aacn.nche.edu](http://www.aacn.nche.edu)  
202-887-6791

### **Admission Requirements**

Admission to the BSN Program in both Carrollton and Newnan is a separate and independent process that occurs after admission to the University of West Georgia. It is competitive and spaces are limited.

Students who wish to pursue a degree in nursing should consult with a nursing advisor before declaring pre-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 current students, transfer students, and students seeking readmission.

### **Traditional BSN Track**

In addition to the admission requirements for the University of West Georgia, students applying for admission to the Traditional BSN Program must meet the following requirements by February 1st each year (updated on SON website by October 1st each year):

1. Program grade point average (GPA) of 2.75 or higher on a 4.0 scale
2. Completion of a separate online application for the Traditional BSN Track. Completed applications and documents turned in for summer semester enrollment must be received no later than February 1st each year.
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: ENGL 1101 and 1102 (6 hours)
  - MATH 1001 or 1111 (3 hours); MATH 1113 or 1634 can also count but are not required
  - 3 Lab Sciences from Areas D and Area F (12 hours)
  - MATH 2063 (3) Statistics
  - 12 other required core courses from areas B, C, E or FTotal Hours required for application to the program: 36
4. Admitted students must be a Certified Nurse Aide to enroll in nursing courses beginning with students admitted for Summer 2012 and after.

### **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 by May 1st each year:

1. College grade point average (GPA) of 2.5 or higher on a 4.0 scale
2. Completion of a separate online application for the RN-BSN Track by May 1st for Fall semester enrollment in Carrollton and Newnan.
3. Successful completion of an associate or diploma program in nursing
4. Current licensure as a registered nurse in Georgia

Students who wish to pursue a degree in nursing should consult with a nursing 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.

### **Criminal Background Check & Drug Screen**

Healthcare facilities are requiring nursing students to have a certified criminal background check and drug screen, required yearly for participation in clinical learning opportunities. Inability to complete the requirements may interfere with successful completion of degree requirements.

### **Academic Standards**

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 Medical Microbiology. Traditional BSN students must complete the nursing sequence within four academic years. Students who receive a "W", "F", "WF", or "U" in any nursing course may repeat that course one time only on a space available basis. Stu-

dents who receive any two of the following: "W", "F", "WF", or "U" in any two nursing courses may not continue in the program. Students who fail a course in the first semester of the program must compete and reapply for readmission with the next applicant pool.

## Expenses

In addition to the general university fees listed in this current bulletin, nursing students will have expenses related to the purchase of books, uniforms, professional liability insurance, and criminal background check and drug screen; lab practicum and testing fees; required immunizations; and transportation to clinical laboratory experiences. For more information please refer to the BSN Student Handbook at <http://nursing.westga.edu/> and click on the Current Students link.

## Curriculum

The BSN Program requires 120 semester credit hours for graduation and combines a rich and liberal foundation in the arts, sciences, and humanities with a unique program emphasizing the art and science of nursing.

## Core Curriculum

**Core Curriculum, Areas A, B, C, E on page 105. are available in the Core Curriculum Guide in the Undergraduate Student Handbook. Additionally:**

### Core Area D, to be completed as follows:

BIOL 1107/1108 with labs

Or CHEM 1151/1152 with labs

or CHEM 1211/1212 with labs

or PHYS 1111/1112 with labs (8 hours),

with MATH 2063 (3 hours) for a total of 11 hours in Core Area D.

### Core Area F, which includes:

BIOL 2021 & 2022 with labs (Anatomy and Physiology I and II) (8 hours);

BIOL 2030 with lab (Medical Microbiology) (4 hours); and

NURS 2101 and 2102 (Pathophysiology/Pharmacology 1 & 2, 6 hours) for a total of 18 hours in Core Area F.

The following Traditional BSN and RN-BSN programs of study are subject to change. At its sole discretion, the University may revise this schedule and any information contained herein, without advance notice. No contract, either expressly or implied, is created by this schedule.

## Traditional Track (Pre-licensure Student)

In addition to the Core Curriculum requirements (54 semester hours) as specified in the UWG Undergraduate Catalog, Traditional BSN students must complete the following nursing courses (66 semester hours):

### CARROLLTON BSN PROGRAM (Full time)

Six semesters - 66 credit hours

First Semester (Summer - 6 semester hours)

NURS 2101 –PathoPhys & Pharm I (3-0-3) -counts in Area F

NURS 3000 - Holistic Hlth Assmt. (2-2-3)

Second Semester (Fall - 15 semester hours)

NURS 2102 –PathoPhys & Pharm II (3-0-3) - counts in Area F

NURS 3101 - Professional Nurs Concpt (3-0-3)

NURS 3201 - Health Care of the Client I (3-0-3)

NURS 3301 - Clinical Practice I (0-12-6)

Third Semester (Spring - 15 semester hours)

NURS 3102 - Professional Nurs Concpt II (2-0-2)

NURS 3202 - Health Care of Client II (4-0-4)

NURS 3302 - Clinical Practice II (0-12-6)

NURS 3400 - Nurs Rsch. & Evd. Bsd. Prct. (3-0-3)

Fourth Semester (Summer - 1 semester hour)

NURS 3303 - Comp. Based Clinical (0-2-1)

Fifth Semester (Fall - 14 semester hours)

NURS 4101 - Prof. Nursing Concepts III (2-0-2)

NURS 4201 - Health Care of Client III (4-0-4)

NURS 4300 - Clinical Specialty Pract. (0-6-3)

NURS 4301 - Clinical Practice III (0-10-5)

Sixth Semester (Spring - 15 semester hours)

NURS 4000 - NCLEX Prep for Nurs Lisc. (1-0-1)

NURS 4102 - Prof Nursing Concepts IV (2-0-2)

NURS 4202 - Health Care of client IV (4-0-4)

NURS 4302 - clinical Practice IV (0-16-8)

## **NEWNAN BSN PROGRAM (Part-Time)**

8 Semesters – 66 Credit Hours

First Semester (Summer - 6 semester hours)

NURS 2101 –PathoPhys & Pharm I (3-0-3) -counts in Area F

NURS 3101 –Professional Nurs Concpt (3-0-3)

Second Semester - (Fall -8 semester hours)

NURS 2102 –PathoPhys & Pharm II (3-0-3) - counts in Area F

NURS 3000 –Holistic Hlth Assmt. (2-2-3)

NURS 3102 - Professional Nurs Concpt II (2-0-2)

Third Semester (Spring - 9 semester hours)

NURS 3201 - Health Care of the Client I (3-0-3)

NURS 3301 - Clinical Practice I (0-12-6)

Fourth Semester (Summer - 5 semester hours)

NURS 3400 - Nurs Rsch. & Evd. Bsd. Prct. (3-0-3)

NURS 4101 - Prof. Nursing Concepts III (2-0-2)

Fifth Semester (Fall - 10 semester hours)

NURS 3202 - Health Care of Client II (4-0-4)

NURS 3302 - Clinical Practice II (0-12-6)

Sixth Semester (Spring - 10 semester hours)

NURS 3303 - Comp. Based Clinical (0-2-1)

NURS 4201 - Health Care of Client III (4-0-4)

NURS 4301 - Clinical Practice III (0-10-5)

Seventh Semester (Summer - 5 semester hours)

NURS 4301 - Clinical Practice III (0-10-5)

NURS 4300 - Clinical Specialty Pract. (0-6-3)

Eighth Semester (Fall - 13 semester hours)

NURS 4000 - NCLEX Prep for Nurs Lisc. (1-0-1)

NURS 4202 - Health Care of client IV (4-0-4)

NURS 4302 - clinical Practice IV (0-16-8)

## RN-BSN Track

RN-BSN courses are offered at the main campus in Carrollton and UWG Newnan Center. The professional sequence may be completed in two semesters. All campuses admit for Fall semester.

In addition to the Core Curriculum requirements (60 semester hours) as specified in this Undergraduate Catalog, RN-BSN students must complete the following nursing courses (17 semester hours):

(17 semester hours):

First Semester (Fall - 9 semester hours)

NURS 4521 Holistic Health Assessment for RN's (2-2-3)

NURS 4523 Nursing research & Evidence - Based Practice for RN's (3-0-3)

NURS 4525 Professional Practice Issues & Concepts (3-0-3)

Second Semester (Spring - 8 semester hours)

NURS 4527 Nursing Leadership in Healthcare Communities (4-8-8)

Classes for the RN-BSN program are scheduled to meet the needs of working nurses, however, work schedules should be flexible enough to allow attendance during week-day(s). Classes are usually offered on Tuesdays, Wednesdays and/or Thursdays. Clinical experiences may be scheduled during daytime and evening hours and/or on weekends.

## Georgia RN-BSN Articulation Plan

The University of West Georgia participates in the Georgia RN-BSN Articulation Plan. The plan was developed through the collaborative efforts of faculty of the ASN and BSN nursing programs in Georgia and the Georgia Board of Nursing and is designed to facilitate the educational mobility of registered nurses seeking a bachelor's degree in nursing. To be eligible for the plan a student must meet the following criteria:

A. Graduation from an ASN or Diploma Program within 0-4 years.

OR

Graduation from an ASN or Diploma program greater than 4 years ago with documentation of 1000 hours of practice in the previous 3 years.

B. Hold a current and valid license to practice as an RN in Georgia. Graduates of ASN programs who meet the above criteria will be granted credit by transfer for 20 semester hours and "credit by exam" for 16 semester hours. Graduates of Diploma programs who meet the above criteria will be granted "credit by exam" for 36 semester hours. The "credit by exam" hours will be earned by satisfactorily completing NURS 4525 (Professional Practice Issues and Concepts).

## The following steps outline the Articulation Plan:

### *Step 1*

Students enrolled in NURS 4525 (Professional Practice Issues and Concepts) will be asked to complete and sign the "Documentation for RN-BSN Articulation Agreement Form" to indicate eligibility for transfer by articulation. The completed form will be filed in each student's folder.

### *Step 2*

After successful completion of NURS 4525 (Professional Practice Issues and Concepts), each student will receive the "Credit by Examination Form" signed by the Dean.

# COURSE DESCRIPTIONS

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## Business Education Courses (ABED)

ABED 3100 Business Communication 3/0/3

Prerequisite: COMM 1110 or XIDS 1004 or ENGL 2050 or THEA 2050 or ART 2000 or PHIL 2020 or COMM 1100 or SPAN 1001 or SPAN 1002 or FREN 1001 or FREN 1002 or GRMN 1001 or GRMN 1002 and ENGL 1101 with a minimum grade of C

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 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

Each professor will be responsible for specific course content, assignments, and course requirements based upon the nature of the course for each independent assignment.

## Accounting Courses (ACCT)

ACCT 2101 Principles of Accounting I 3/0/3

A study of the underlying theory and application of financial accounting concepts. Requires overall GPA of 2.0.

ACCT 2102 Principles of Accounting II 3/0/3

Prerequisite: ACCT 2101 or ACC 201

A study of underlying theory and application of managerial accounting concepts. Requires overall GPA of 2.0.

ACCT 3212 Financial Reporting I 3/0/3

Prerequisite: ACCT 2101 with a minimum grade of C and ACCT 2102 with a minimum grade of C and GPA 2.00 and COBM 1

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. AICPA Level I test fee is required.

ACCT 3213 Financial Reporting II 3/0/3

Prerequisite: ACCT 3212 with a minimum grade of C or ACC 351 with a minimum grade of C and GPA 2.00 and COBM 1

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 or ACC 351 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 2101 with a minimum grade of C and ACCT 2102 with a minimum grade of C

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 3241 Fraud Examination 3/0/3

Prerequisite: ACCT 2101 with a minimum grade of C and ACCT 2102 with a minimum grade of C

A survey of how and why occupational fraud is committed, how fraudulent conduct can be deterred, and how allegations of fraud should be investigated and resolved. The increase level of complexity and the heightened awareness of frauds makes the ability to detect and address fraud in businesses a critical skills for accountants, auditors, managers, and investigators. The inter-disciplinary nature of the course makes it appropriate and useful for both accounting and non-accounting majors.

ACCT 3251 Income Tax Accounting for Individuals 3/0/3

Prerequisite: ACCT 2101 with a minimum grade of C and ACCT 2102 with a minimum grade of C and GPA 2.00 and COBM 1

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 2101 with a minimum grade of C and ACCT 2102 with a minimum grade of C

Students attend 14 presentations by: UWG Career Services; international, regional and local public accounting firms; nonprofit and governmental public accounting firms; corporate accountants; professional accounting organizations IMA, GSCPAs, others; accounting educators; and professional examination review services. A professional resume must be prepared. This seminar is an Accounting BBA degree requirement.

ACCT 4202 Financial Statement Analysis 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 or ACC 351 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

The study of contemporary management control tools and business strategy.

ACCT 4241 Accounting Information Systems 3/0/3

Prerequisite: ACCT 2101 with a minimum grade of C and ACCT 2102 with a minimum grade of C

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 4252 Income Tax Accounting for Organizations 3/0/3

Prerequisite: ACCT 3251 or ACC 412

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 and ACCT 4241 and ACCT 3213 and ACCT 3232

Co-requisites: ACCT 3251 and ACCT 3232 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 4265 Sustainability Accounting and Reporting 3/0/3

Prerequisite: ACCT 2101 and ACCT 2102

An examination of the tripartite or triple bottom line reporting framework that highlights the economic, environmental, and social performance of an organization. Emphasis is placed on how sustainability creates shareholder value and on how sustainable performance helps investors, creditors, and other users distinguish between companies operating efficiently and those which are not.

ACCT 4285 Special Problems in Accounting 0/1.0 - 3.0/1.0 - 3.0

In-depth supervised individual study of one or more current problems of the accounting profession.

ACCT 4286 Business Internship Accounting 1.0 - 3.0/0/1.0 - 3.0

Practical accounting internship experience with a commercial firm or organization for selected upper division students.

## 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.

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.

ANTH 2001 Introduction to Archaeology 3/0/3

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 2002 Introduction to Cultural Anthropology 3/0/3

A broad ethnographic introduction to the customs and behaviors of people in several cultures. This class will examine a diverse range of contemporary cultures and explore different social structures, belief systems, and adaptations through exemplary case studies in the subfield of Cultural Anthropology.

ANTH 2003 Introduction to Physical Anthropology 3/0/3

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 2100 Archaeological Field School 0/6/3

Introduction to archaeological field techniques through Introduction to archaeological field techniques through direct participation in scientific excavation at a prehistoric or historic archaeological site.

ANTH 3103 Archaeological Laboratory Methods 0/6/3

Prerequisite: ANTH 1102 or ANT 101

Instruction in the techniques used in cleaning, cataloging, preserving, and analysis of excavated archaeological materials.

ANTH 3110 Human Osteology 3/0/3

Prerequisite: ANTH 1102

This course will introduce students to the basics of skeletal biology and learn how to accurately identify the elements of the human skeleton. It will include the major landmarks of each skeletal element with an aim to understanding the functional morphology of bones in an individual and as an anatomical system.

ANTH 3157 Applied Anthropology 3/0/3

Prerequisite: ANTH 1102 or ANT 101

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 ANT 101

An anthropological investigation of how pre-industrial societies produced, distributed and consumed goods, resources, and services.

ANTH 3170 Religion in America: The Shakers and Other Utopian Societies 3/0/3

This hands-on religion course will focus on the practice of religion in historical and contemporary Utopian societies in the U.S. By examining the development and legacy of one of America's most quintessential religious communities, the United Society of Believers in Christ's Second Appearing known as the Shakers, students will gain a wide range of skills and opportunities to explore diverse approaches to religion, theory, and methodology in anthropology. We will also examine other Utopian religious societies as comparative examples. There will be a class travel component and additional Course Fees associated with this course during most semesters.

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.

ANTH 3184 Mesoamerican Archaeology 3/0/3

Prerequisite: ANTH 1102 or ANT 101

A survey of the archaeology and prehistory of middle America, tracing the development of culture from the earliest inhabitants to the high civilizations.

ANTH 3185 Ancient Tribes and Civilizations 3/0/3

Prerequisite: ANTH 1102

Change and development of prehistoric cultures from 6 million B.C. to early civilizations: selected Old World and New World cultures. Basic Archaeological methods.

ANTH 3186 Anthropology of Gender 3/0/3

Prerequisite: ANTH 1102 or ANT 101

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 ANT 101

This course will investigate and evaluate qualitative analysis in ethnographic field research. The course is participation intensive and will involve research in an actual field project.

ANTH 3200 Directed Research 0/4.0 - 12.0/2.0 - 6.0

Prerequisite: ANTH 1102

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

Instruction in and application of the various methods primatologists use in the field. This 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 ANT 101

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 3105 and ANTH 1102

Direct participation in all aspects of an archaeological excavation project. Instruction in research design, excavation techniques, recording procedures, data analyses, and field interpretation.

ANTH 4105 Environmental Archaeology 3/0/3

Prerequisite: ANTH 1102

This course will examine long-term human-environmental interaction from an archaeological perspective.

ANTH 4106 North American Indians 3/0/3

Prerequisite: ANTH 1102 or ANT 101

A survey of the native cultural areas in North America, north of Mexico.

ANTH 4112 Senior Thesis 0/3/3

Prerequisite: ANTH 1102 or ANT 101 and ANTH 4101

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 ANT 101

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

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 ANT 101

An examination of the archaeological and early historic records of native cultures of the southeast, from circa 12,000 BC to AD 1800's.

ANTH 4125 Forensic Anthropology 3/0/3

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 4130 Medical Anthropology 3/0/3

This course provides a general introduction to concepts in medical anthropology, considering health, illness and healing from a biocultural standpoint. Topics covered include cross-cultural understandings of mental and physical health issues, global perspectives on health, and careers in medical anthropology.

ANTH 4132 Human Life Cycle in Cross-Cultural Perspective 3/0/3

Prerequisite: ANTH 1102 or ANT 101

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, multidimensional 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 ANT 101

This course focuses on the fossil record of human evolution, with special emphasis on human origins and dispersal.

ANTH 4155 Peoples and Cultures of Sub-Saharan Africa 3/0/3

Study of selected African cultures with emphasis on social organization, belief systems, history, and politics.

ANTH 4160 Contemporary Archaeological Thought 3/0/3

Prerequisite: ANTH 1102 or ANT 101

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 ANT 101

A study of the history and perspectives of linguistic anthropology with special emphasis on the relationship between language and culture.

ANTH 4180 Archaeological Curation 1/5/3

Prerequisite: ANTH 1102

Detailed examination of the many aspects of caring for archaeological collections objects, records, reports, digital data in a laboratory setting. Content includes lectures and laboratory projects with archaeological collections.

ANTH 4181 Cultural Resources Management 3/0/3

Prerequisite: ANTH 1102

An examination of the history of the field of cultural resource management including major federal and state laws that govern the preservation of cultural resources. Attention will be given to archeological, historical, and architectural applications.

ANTH 4184 Anthropology Capstone 1/0/1

Prerequisite: ANTH 1102 or ANT 101

An examination of Anthropology as a profession--ethical considerations, selection of graduate school, research, and grant sources.

ANTH 4186 Internship 0/1.0 - 6.0/1.0 - 6.0

Prerequisite: ANTH 1102 or ANT 101

Practical experience with a public or private agency directly related to a field of anthropology.

ANTH 4201 Artifact Analysis 3/0/3

A hands-on introduction to interpreting artifacts from archaeological sites that focuses on the analysis of historic artifacts, chipped stone tools, and ceramics artifacts.

ANTH 4202 Rise and Fall of Ancient Civilizations 3/0/3

This course explores the timing and diversity in the rise and fall of great civilizations around the world.

ANTH 4203 Indigenous Archaeology 3/0/3

In this course we will learn about the history of archaeological research as it relates to native peoples worldwide, and examine the development of indigenous archaeology.

ANTH 4881 Independent Study 0/1.0 - 3.0/1.0 - 3.0

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 three times for credit.

ANTH 4885 Special Topics 1.0 - 3.0/0/1.0 - 3.0

Individual topics in anthropology.

ANTH 4900 Directed Reading 0/0/1.0 - 3.0

Prerequisite: ANTH 1102

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.

ANTH 4983 Directed Research 0/0/3

Directed field or laboratory research.

## **Art Courses (ART)**

ART 1006 Design I 2D 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. For advising purposes, the Department of Art recommends that students take Design I ART 1006 in conjunction with Drawing I ART 1007.

ART 1007 Drawing I 0/6/3

Introduction to drawing using various media and dealing with landscapes, still-life, one- and two-point perspective, and the figure. Both clothed and nude models may be used. For advising purposes, the Department of Art recommends that students take Design I ART 1006 in conjunction with Drawing I ART 1007.

ART 1008 Drawing II 0/6/3

Prerequisite: ART 1006 with a minimum grade of C and ART 1007 with a minimum grade of C

Drawing from the live model, both nude and clothed, focusing upon correct proportions and anatomy. A variety of drawing media will be used. For advising purposes, the Department of Art recommends that students take Design II ART 1008 in conjunction with Drawing II ART 1009.

ART 1009 Design II 3D 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. For advising purposes the Department of Art recommends that students take Design II ART 1008 in conjunction with Drawing II ART 1009.

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 culture 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 to give verbal expression to those ideas. Students will learn to analyze art and to formulate informed judgments about provocative issues pertinent to the visual arts.

ART 2011 Art for Middle Grades 0/6/3

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 level.

ART 2012 Art for Special Populations 0/6/3

Prerequisite: SPED 2706 SPED 2706 or SPED 3715

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 very child centered approach to art education which has 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: TE

This class is designed for the non-art major in early child hood 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 1006 with a minimum grade of C or ART 1101 with a minimum grade of CandART 1009 with a minimum grade of C or ART 1102 with a minimum grade of Cand ART 1007 with a minimum grade of C and ART 1008 with a minimum grade of C and ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C and FE

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 pedagogy, production, criticism, and aesthetics utilizing a variety of age-appropriate studio media.

ART 3012 Art for Pre-K and Special Populations 0/6/3

Prerequisite: ART 1006 with a minimum grade of C or ART 1101 with a minimum grade of CandART 1009 with a minimum grade of C or ART 1102 with a minimum grade of Cand ART 1007 with a minimum grade of C and ART 1008 with a minimum grade of C and ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C

This course is designed for the art education major to focus on the developmental needs and abilities of pre-kindergarten and special education students with emphasis on accommodations and adaptive strategies. Methods in art education include approaches to art pedagogy, production, criticism, and aesthetics utilizing a variety of age-appropriate studio media.

ART 3100 Art Abroad: Destination of Travel 3/0/3

Prerequisite: ART 1006 with a minimum grade of C and ART 1007 with a minimum grade of C and ART 1008 with a minimum grade of C and ART 1009 with a minimum grade of C and ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C

The course will discuss some aspects of the local history and art as related to the travel program. The relationship between politics, culture and their impact on artistic styles is emphasized. The discipline of history gives us a global prospective of political and social events and as well as the evidence of the underlying causes of those events. Art tells us the style, the change, the expression of people witnessing or affected by these events and possibly contributing to them. This class brings those two disciplines together to show how history changed art or how art changed history. Course may be repeated for up to 15 credit hours.

ART 3150 Studio Research Methods and Strategies Abroad 2/2/3

Prerequisite: ART 1006 with a minimum grade of C and ART 1007 with a minimum grade of C and ART 1008 with a minimum grade of C and ART 1009 with a minimum grade of C and ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C

This course will focus on the means to collect data or materials, which can be utilized in the initiation of the creative process-essentially, the gathering of ones own experiences to influence the creation of physically tangible works of art. Course may be repeated for up to 15 credit hours.

ART 3151 Studio Studies Abroad 2/2/3

Prerequisite: ART 1006 with a minimum grade of C and ART 1007 with a minimum grade of C and ART 1008 with a minimum grade of C and ART 1009 with a minimum grade of C and ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C

This course will focus on the processing of the material or data gathered to initiate and support content development within a student's artwork and overall development. Students will be presented with a variety of potential perspectives from which to conduct content development from observations, and the culmination of data collected in the creation of a student's own artwork. Course may be repeated for up to 15 credit hours.

ART 3210 Non-Western Art 3/0/3

Prerequisite: ART 2201 and ART 2202 or ART 2210

Lecture-based course on selected topics in non-Western art of Asia, Africa, Oceania, or the New World, studying artworks from within or across these cultures in their cultural and historical contexts. May be repeated up to 9 credit hours if the topic changes.

ART 3215 History of Media & Methods: History & Concepts of Drawing 3/0/3

Prerequisite: ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C

Lecture-based art history course on selected topics in media and methods in art. May have focus on Drawing, Sculpture, Painting, Photography, Printmaking, or other distinctive area. The course will include investigation of the conceptual and the applied in specific topic area.. May be repeated up to 9 credit hours if the topic changes.

ART 3220 Art of the Ancient World 3/0/3

Prerequisite: ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C

Lecture-based course on selected topics in the art of Ancient Egypt, Ancient Near East, Greece or Rome, studying artworks from within or across these cultures in their cultural and historical contexts.

ART 3230 Medieval Art of Christian Europe and the Near East 3/0/3

Prerequisite: ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C

Lecture based course in religious and secular art in the Early Christian, Byzantine, Medieval, or Northern Renaissance periods, c. 100-1500 CE, including selected scripture, painting and architecture in historical and cultural context. May be repeated up to 9 credit hours if the topic changes.

ART 3240 Italian Renaissance or Baroque Art 3/0/3

Prerequisite: ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C

A lecture-based course in Italian Renaissance or Baroque art, studying artwork from the period in historical and cultural context. May be repeated up to 6 credit hours if the topic changes.

## ART 3250 18th or 19th Century Art 3/0/3

Prerequisite: ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C

This is a lecture-based course on 18th or 19th century art which studies artwork in its historical and cultural aspects including Rococo, Neoclassical, Romantic or Realist movements. It focuses on the painting, sculpture, photography, graphic arts of the 18th or 19th century. May be repeated up to 6 credit hours if the topic changes.

## ART 3260 American Art 3/0/3

Prerequisite: ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C

Lecture-based course in American art, studying artwork in its historical and cultural context.

## ART 3270 Pre-World War II Modernism 3/0/3

Prerequisite: ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C

Lecture-based course on the art and architecture of the pre- World War II period, exploring the concepts and formal characteristics of 'modernism' in Western art.

## ART 3275 Art Since 1945 3/0/3

Prerequisite: ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C

Lecture-based course on art movements from 1945 to the present.

## ART 3280 Museum Seminar 3.0 - 4.0/0/3.0 - 4.0

Prerequisite: ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C

This course involves classroom study of the art collections and architecture of a city or country followed by a trip to visit what has been studied. The subject varies: American cities or abroad. Credit will vary by trip. Students enrolling in the summer Bayeux program will take 4 hours; others take 3 hours credit. May be repeated up to 16 hours credit.

## ART 3301 Beginning Ceramics 0/6/3

Prerequisite: ART 1006 with a minimum grade of C or ART 1101 with a minimum grade of C and ART 1009 with a minimum grade of C or ART 1102 with a minimum grade of C and ART 1007 with a minimum grade of C and ART 1008 with a minimum grade of C and ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C

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. In addition, this class will focus on developing content, and learning about artists both ceramic artists and artists working in other media of both past and present. We will consider Ceramics in a variety of contexts such as: Ceramics, Communication, Commentary, Commodity, Celebration and Critique.

## ART 3302 Intermediate Ceramics: Molds, Multiples, and Mechanical Means 6/0/3

Prerequisite: ART 3301 with a minimum grade of C

This is an 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 3401 Graphic Design I 0/6/3

Prerequisite: ART 1006 with a minimum grade of C or ART 1101 with a minimum grade of CandART 1009 with a minimum grade of C or ART 1102 with a minimum grade of Cand ART 1007 with a minimum grade of C and ART 1008 with a minimum grade of C and ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C

An introduction to communication design with a strong emphasis on sound design and typographic principles, developing an understanding of structure, history, technology and application.

ART 3402 Graphic Design II: Typography II 0/6/3

Prerequisite: ART 3401 with a minimum grade of B

Students integrate knowledge of typography with visual form and meaning. Design methodology and research are emphasized.

ART 3403 History of Graphic Design 3/0/3

Prerequisite: ART 1006 and ART 1007 and ART 2201

This course provides art majors the opportunity to explore the historic perspectives, cultural relevance and technical aspects of graphic and design issues within the context of the contemporary profession of design. Study of historic print production processes will include printmaking and photography. Pre-requisites: ART 1006, 1007, 2201, Permission of Instructor. \$75.00 lab fee request.

ART 3601 Painting I: Watercolor 0/6/3

Prerequisite: ART 1006 with a minimum grade of C or ART 1101 with a minimum grade of CandART 1009 with a minimum grade of C or ART 1102 with a minimum grade of Cand ART 1007 with a minimum grade of C and ART 1008 with a minimum grade of C and ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C

This is one of two introductory painting courses, either of which fulfills the Art Core Painting requirement for Art majors and building on the knowledge base of the Art Foundation courses. This course uses watercolor 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 art works produced during the term.

ART 3602 Painting II 0/6/3

Prerequisite: ART 1006 with a minimum grade of C or ART 1101 with a minimum grade of CandART 1009 with a minimum grade of C or ART 1102 with a minimum grade of Cand ART 1007 with a minimum grade of C and ART 1008 with a minimum grade of C and ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C

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 1006 with a minimum grade of C or ART 1101 with a minimum grade of CandART 1009 with a minimum grade of C or ART 1102 with a minimum grade of Cand ART 1007 with a minimum grade of C and ART 1008 with a minimum grade of C and ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C

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 with a minimum grade of C

This course covers the use of analogue 35mm film cameras, traditional darkroom methods of image-making and analogue/digital hybrid processes. Conventional genres of image making such as still life, portraiture, and landscape are used as a means to explore contemporary issues. The course stresses continued development of personal visual vocabulary and understanding of historical and cultural implications.

ART 3703 Photography III 0/6/3

Prerequisite: ART 3702 with a minimum grade of C

This course provides advanced experience with digital still image-making as well as virtual media, while addressing a range of critical issues relevant to contemporary digital media. The course also stresses continued development of personal visual vocabulary.

ART 3704 Introduction to Time-Based Art Video I 0/6/3

Prerequisite: ART 3701 with a minimum grade of C

This course introduces the basic principles of current digital video and audio technology as a means of making time-based art. Traditional production techniques in cinematography, audio recording, non-linear editing, and lighting are taught. Students learn to work within a number of different genres including, documentary, narrative, experimental, and cross-genres. Weekly screenings of films and videos, assigned readings, and accompanying discussions will serve as a means to broaden students' critical and theoretical understanding of the mediums. Can be taken instead of ART 3702 Photo II

ART 3801 Printmaking I: Survey 0/6/3

Prerequisite: ART 1006 with a minimum grade of C or ART 1101 with a minimum grade of C and ART 1009 with a minimum grade of C or ART 1102 with a minimum grade of C and ART 1007 with a minimum grade of C and ART 1008 with a minimum grade of C and ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C

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 with a minimum grade of C

Printmaking II will offer 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 1006 with a minimum grade of C or ART 1101 with a minimum grade of C and ART 1009 with a minimum grade of C or ART 1102 with a minimum grade of C and ART 1007 with a minimum grade of C and ART 1008 with a minimum grade of C and ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C

An introduction into the four sculptural processes: Subtractive Method carving; Additive Method modeling; Substitutive Method casting; and, Constructive Method assembling. Emphasis is made on preliminary designing of mass, space and volume.

ART 3902 Sculpture II 0/6/3

Prerequisite: ART 3901 with a minimum grade of C

Emphasis on this course is on acquiring technical skills 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 with a minimum grade of C

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 nontraditional 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 0/2.0 - 6.0/1.0 - 3.0

Prerequisite: ART 1006 with a minimum grade of C or ART 1101 with a minimum grade of CandART 1009 with a minimum grade of C or ART 1102 with a minimum grade of Cand ART 1007 with a minimum grade of C and ART 1008 with a minimum grade of C and ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C

Advanced visual art production and personal expression in drawing. May be repeated up to 15 credit hours.

ART 4005 Advanced Life Drawing 0/2.0 - 6.0/1.0 - 3.0

Prerequisite: ART 1006 with a minimum grade of C or ART 1101 with a minimum grade of CandART 1009 with a minimum grade of C or ART 1102 with a minimum grade of Cand ART 1007 with a minimum grade of C and ART 1008 with a minimum grade of C and ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C

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 up to 15 credit hours.

ART 4007 Digital Media For Artist 0/6/3

Prerequisite: ART 3301 with a minimum grade of C and ART 3601 with a minimum grade of C or ART 3602 with a minimum grade of C and ART 3701 with a minimum grade of C and ART 3801 with a minimum grade of C and ART 3901 with a minimum grade of C

This course is an introduction to Adobe Photoshop, Adobe Dreamweaver and Adobe Flash for all art majors. Students will create an online portfolio of their work with an emphasis on personal promotion and professionalism. Lessons will focus on bitmap and vector based imaging and the aesthetics of web design. Additional topics will include how to effectively work with color, text, font layout and other means of digital imaging.

ART 4009 Art Curriculum and Classroom Management 0/6/3

Prerequisite: TE and ART 3011 with a minimum grade of C and ART 3012 with a minimum grade of C

This class is designed for the art education major to apply educational principles of curriculum design and a variety of instructional strategies to the content of art education with an emphasis on classroom management. Methods in art education include approaches to art pedagogy, production, criticism, and aesthetics utilizing a variety of age-appropriate studio media. An internship in a prekindergarten and elementary level art class is a requirement of this course.

ART 4010 Secondary Art Methods 0/6/3

Prerequisite: TE and ART 3011 with a minimum grade of C and ART 3012 with a minimum grade of C

This course is designed for the art education major to focus on the developmental needs and abilities of students at the middle and secondary level as well as techniques for technology enhanced instruction. Methods in art education include approaches to art pedagogy, production, criticism, and aesthetics utilizing a variety of age-appropriate studio media. An internship in a high school and middle level art class is a requirement of this course.

ART 4011 Student Teaching in Art Education 0/3/3

Prerequisite: FE and TE

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 vertical K-12 certification. Periodic seminars will be held on campus for students to meet as a group for discussion and instruction. 'C' or better required for certification.

ART 4012 Student Teaching in Art Education 0/3/3

Prerequisite: FE and TE

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 vertical K-12 certification. Periodic seminars will be held on campus for students to meet as a group for discussion and instruction. 'C' or better required for certification.

ART 4013 Student Teaching in Art Education 0/3/3

Prerequisite: FE and TE

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 vertical K-12 certification. Periodic seminars will be held on campus for students to meet as a group for discussion and instruction. 'C' or better required for certification.

ART 4078 Junior Review 0/0/0

All BA and BFA candidates must enroll and successfully complete ART 4078. See department website for specific requirements for ART 4078. Art faculty will review juniors based on their portfolio, writings, presentation and transcript progress. Candidates will be assessed on the level of knowledge and skill base gain to date. Successful candidates will be allowed to enroll into their respective capstone courses ART 4298 or ART 4998. Course May be repeated up to two additional times. Unsuccessful review on the third attempt may result in candidates being placed on probation or removed from their degree program. ART 4078 must be taken during a semester when the student is enrolled in 12 credit hours.

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 4290 Modernist Criticism 3/0/3

Prerequisite: ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C

A discussion-based seminar based on intellectual and theoretical debates about modern and contemporary art, focusing on the concept of the avant-garde and the practice of art criticism. Readings are informed by theoretical developments such as psychoanalysis, semiotics, Marxist Art History, gender and race studies, post structuralism and visual culture debates.

ART 4295 Special Topics in Art History 3/0/3

Prerequisite: ART 2201 with a minimum grade of C or ART 2202 with a minimum grade of C  
Investigation of a particular topic, problem or issue in Art History with emphasis on those not covered in other art history courses.

ART 4298 Senior Capstone in Art History I 1/0/1

The first of a two-semester capstone sequence for Art History majors. In consultation with a committee, the student will finalize a thesis topic and complete research for a final project, to be completed and presented in ART 4299.

ART 4299 Senior Capstone in Art History II 2/0/2

Prerequisite: ART 4298 with a minimum grade of C

The second of a two-semester capstone sequence for art history majors. In this semester, the student will finalize the written research paper and present it to the department, and pass oral examination by the faculty.

ART 4302 Intermediate Ceramics: 20th Century Studio 0/6/3

Prerequisite: ART 3301 with a minimum grade of C

This course 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 will be employed during the completion of a series of period influenced projects. At this level students learn a variety of kiln firing methods and kiln maintenance. Students are responsible for the firing of their own work. Additional emphasis will be placed on studio maintenance and operations. Students will also continue to extend their ceramic/art history and theory research to fuel the development of content in their own artwork.

ART 4303 Intermediate Ceramics: Surface, Image and Text 0/6/3

Prerequisite: ART 3301 with a minimum grade of C

Intermediate Ceramics - Surface, Image and 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 or 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 0/2.0 - 6.0/1.0 - 3.0

Prerequisite: ART 3302 with a minimum grade of C and ART 4302 with a minimum grade of C and ART 4303 with a minimum grade of C

Emphasis on individual expression with clay and ceramic glaze calculation. May be repeated up to 15 credit hours.

ART 4400 Graphic Design Studio Problems 1.5/1.5/3

Prerequisite: ART 3402

This is a professional preparatory class in which students in the class operate as a design team that interacts directly with a variety of selected clients, with faculty supervision, to realize professional projects. The course will be a combination of discussion, lecture, client meetings, studio and production time, with client project assignments throughout the semester. This course fulfills the same requirement as ART 4403 or 4404 for all graphic design majors, but not both.

ART 4403 Graphic Design III: Type and Image 0/6/3

Prerequisite: ART 3401 with a minimum grade of B and ART 3402 with a minimum grade of C

Design problems are studied holistically through assignments that stress dynamic relationships inherent in context, form and content to gain a deeper understanding of the development of design systems and concepts.

## ART 4404 Graphic Design IV 0/6/3

Prerequisite: ART 3402 with a minimum grade of C

Design studio problems that explore a variety of approaches to data systems, strategies, and applications. Research, conceptual development and presentation are emphasized.

## ART 4405 Graphic Design V 0/2.0 - 6.0/1.0 - 3.0

Prerequisite: ART 4404

An expansion of research into the structure, history, technology and application of sound graphic and typographic principles. Research, conceptual development and presentation are emphasized. May be repeated for up to 9 hours. Repeated courses may meet graphic design elective requirements.

## ART 4406 Graphic Design VI: Professional Portfolio 0/6/3

Prerequisite: ART 4404

Conceptual development and realization of an approved senior-level thesis project culminating in a Senior Exit Show. Research and presentation strategies are emphasized. May be repeated for up to 9 hours. Repeated courses may count towards the Graphic Design elective requirement.

## ART 4408 Mat &amp; Methods in Graph Design 0/6/3

Prerequisite: ART 1006 with a minimum grade of C and ART 1007 with a minimum grade of C and ART 1008 with a minimum grade of C and ART 1009 with a minimum grade of C and ART 2201 with a minimum grade of C and ART 2202 with a minimum grade of C

This is an advanced typography course dedicated to exploring unconventional forms of typographic expression through rigorous and thoughtful experimentation. Both digital and analog methodologies will be explored. Course is repeatable for up to 12 hours. ART 4408 Materials & Methods in Graphic Design requires Permission of Instructor Only in addition to the completion of the following courses with a minimum grade of C: ART 1006, 1007, 1008, 1009, 2201, and 2202.

## ART 4586 Internship 0/1.0 - 9.0/1.0 - 9.0

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 up to 15 Credit hours; however, no more than 9 credit hours in a given semester.

## ART 4603 Painting III 0/6/3

Prerequisite: ART 3601 with a minimum grade of C or ART 3602 with a minimum grade of C

This course covers the techniques and materials of Acrylic painting and related paint products. It's conceptual emphasis will be the creative problem solving of specific compositional and formal issues in painting and will primarily reference issues of abstraction in modern and contemporary art, as well as non-western painting and design and craft models. Process, and creative and critical thinking methodology-technical, aesthetic and conceptual - is emphasized through the keeping of note/sketchbook journals. Oral presentations of supporting research and the creative work strengthen the understanding of the role of critical awareness of the subject. or 3602 with minimum grades of C.

## ART 4604 Painting IV 0/2.0 - 6.0/1.0 - 3.0

Prerequisite: ART 3602 with a minimum grade of C

An intermediate level painting course exploring visual expression through the use of combined media and art forms, and developing their ability to engage with critical concepts of specific concern to the discipline of painting. Studio discipline and research leading to resolved works will prepare students for self-directed work in advanced painting classes. Oral

and written presentations of supporting research and the creative work strengthen the student's understanding of the role of critical awareness of their subject.

ART 4605 Advanced Painting 0/2.0 - 6.0/1.0 - 3.0

Prerequisite: ART 3601 with a minimum grade of C and ART 3602 with a minimum grade of C and ART 4603 with a minimum grade of C and ART 4604 with a minimum grade of C

An advanced level course exploring visual expression in painting using the media of the student's choice. Open-ended problems will be presented. Self-directed work with special focus on developing a cohesive work of work that reflects the student's investigation of their role and definition of being an artist. Emphasis will be placed on increased professionalism appropriate to the student's stage in the program and with a view to their potential success as a professional artist. This course is repeatable for up to 15 credit hours.

ART 4702 From Still to Moving Images 0/6/3

Prerequisite: ART 3703 with a minimum grade of C and ART 3702 with a minimum grade of C or ART 3704 with a minimum grade of C

This course is designed to provide advanced students with an in-depth investigation of the relationship between still and moving images. Students will create photographic prints and video work as well as other works that don't fall easily into either category. An emphasis will be put on understanding the historic evolution of still and moving images and the use of lens-based imagery in contemporary art. Weekly film screenings will accompany critical readings.

ART 4704 Documentary Photography 0/6/3

Prerequisite: ART 3701 with a minimum grade of C and ART 3702 with a minimum grade of C and ART 3703 with a minimum grade of C

This course is designed to give advanced students and in-depth experience studying and creating documentary images. Documentary projects are expensive investigations of a subject. Students will define a project with the assistance of the instructor and continue to investigate this project for the entire semester. Progress will be assessed through bi-monthly critiques and monthly submission of images. Whereas concept based art is meant to reflect the personal feelings of the artist and commercial photography is meant to convey ideas for a client, documentary is meant to reflect outwards on society. Projects should have some socio-political or cultural significance. Students will also learn about the history and major figures in documentary photography through slide lectures and readings.

ART 4705 History of Photography 1.5/3/3

Prerequisite: ART 3702 with a minimum grade of C or ART 3704 with a minimum grade of C and ART 3703 with a minimum grade of C

This course is designed to give advanced students a comprehensive investigation of the history of photography. This course explores the technical innovations, cultural implications and the major figures in its history. Students will learn about the subject through lectures, readings and exams but they will also learn through hands-on projects using historic processes to make their own work. Major technical emphasis will be placed on the use of the large format view camera. note: this course can fulfill advanced coursework for photography majors, or an art elective for non-photo majors. It does not fulfill a 3000 or above art history requirement, nor is it a DSW certified course.

ART 4706 Advanced Photography Studio 0/6/3

Prerequisite: ART 3701 with a minimum grade of C and ART 3702 with a minimum grade of C and ART 3703 with a minimum grade of C and ART 4704 with a minimum grade of C and ART 4705 with a minimum grade of C

Contingent on the approval of the instructor, the student will define a series of works delving into specific subject matter and/or technical interests. This course is meant to further the direction of the individual and prepare them for their senior exhibitions. The student will partic-

ipate in the artistic community both through exhibiting or competing contract free-lance work and by completing a thesis paper or 10 or more pages, explaining the conceptual interests and processes used in their exhibition. May be repeated up to 15 credit hours.

ART 4707 Professional Photography Assignments 0/6/3

Prerequisite: ART 4704 with a minimum grade of C or ART 4705 with a minimum grade of C  
This course prepares students to make photographic images as professionals through learning appropriate technical skills. Students will be immersed in the many aspects of photography that are available once they leave the university. A strong emphasis will be placed on developing skills in artificial lighting, studio production, and basic corporate video production.

ART 4708 Exp Prac in Lens-Based Media 3/0/3

Prerequisite: ART 4703 with a minimum grade of C or ART 4704 with a minimum grade of C or ART 4705 with a minimum grade of C

This course is designed to introduce advanced students to experimental, non-traditional, and alternative photographic and motion picture processes. Students will produce photographic series, time-based works, and other forms of art such as installations, 3-D objects, and projections. Projects will utilize an array of analogue and digital technologies in their production.

ART 4803 Intaglio 0/6/3

Prerequisite: ART 3801 with a minimum grade of C

Printmaking III will offer advanced experiences in the intaglio method of printmaking 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 with a minimum grade of C

Printmaking IV 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 0/2.0 - 6.0/1.0 - 3.0

Prerequisite: ART 3801 with a minimum grade of C and ART 3802 with a minimum grade of C and ART 4803 with a minimum grade of C and ART 4804 with a minimum grade of C  
Advanced expressive problems at the undergraduate level in one or more of the following methods: relief, intaglio, or lithography. May be repeated up to 15 credit hours.

ART 4821 Printmaking IV: Screenprinting 0/6/3

Prerequisite: ART 3801 with a minimum grade of C

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 serigraphy with emphasis on an interdisciplinary approach.

ART 4822 The Art of Letterpress Printing and the Book 0/6/3

Prerequisite: ART 3801 with a minimum grade of C

Letterpress and Printing and 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. Letterpress will explore fine letterpress printing and expressive typography while learning to operate the Vandercook SP20 Test Press. A variety of two and three dimensional formats will be considered for letterpress application, with an emphasis on the role of the book from its inception to current trends in the book arts.

**ART 4903 Sculpture IV 0/6/3**

Prerequisite: ART 3901 with a minimum grade of C

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 0/2.0 - 6.0/1.0 - 3.0**

Prerequisite: ART 3901 with a minimum grade of C and ART 3902 with a minimum grade of C and ART 3903 with a minimum grade of C and ART 4903 with a minimum grade of C

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 materials to express individual ideas and aesthetics resulting in a portfolio of works. May be repeated up to 15 credit hours.

**ART 4985 Special Topics 0/2.0 - 6.0/1.0 - 3.0**

Prerequisite: ART 3301 with a minimum grade of C and ART 3601 with a minimum grade of C or ART 3602 with a minimum grade of C and ART 3701 with a minimum grade of C and ART 3801 with a minimum grade of C and ART 3901 with a minimum grade of C

Individual studio problems in various topics or media relevant to the student's special interest and competence. May be repeated up to 15 credit hours.

**ART 4998 Senior Capstone Experience I 1/0/1**

Research and study within a studio concentration that culminates in the public presentation of the senior exhibition ART 4899: Senior Capstone II. Students will be required to research this project and document its development prior to the presentation of the written capstone component. With the aid of their peers, advisors and faculty jurors' students will work through the articulation of their goals by active critiquing and self- assessment.

**ART 4999 Senior Capstone Experience II 2/0/2**

Prerequisite: ART 4998 with a minimum grade of C

Continued research and advanced study within a studio/ design concentration will culminate in the public presentation of the senior exhibition. Capstone Experience II will provide an opportunity to consolidate, expand and refine the skills that are essential to your discipline. The preparation of an oral defense for this final body of work, their creative thesis visual project, will undergo the critical review of an Art Faculty Committee prior to its public presentation in the Senior Fine Arts Exhibition. Additionally, the completion of the written component of the creative visual project, begun in ART 49XX, Capstone Experience I, will describe in full the processes and the outcomes of the senior research.

## **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.

**ASTR 2313L Astronomy Laboratory 0/2/1**

An experimental introduction to the elementary tools of astronomy.

**ASTR 3033 Topics in Astronomy 3/0/3**

Topics about the solar system, stars, galaxies, and cosmology. May not be taken by students who have completed PHYS 2313 and does not count toward a major in physics.

## Biology Courses (BIOL)

### BIOL 1010 Fundamentals of Biology 3/0/3

Fundamentals of Biology 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.

### BIOL 1010L Fundamentals of Biology Laboratory 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.

### BIOL 1011 Biology of Human Reproduction 3/0/3

The Biology of Human Reproduction 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

Ecology and Environmental Biology 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 ENV 1012.

### BIOL 1013 Biology of AIDS and Infectious Disease 3/0/3

The Biology of AIDS and Infectious Disease 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

A course designed to introduce students to the science of nutrition and how it impacts their lives.

### BIOL 1015 The Unseen World of Microbes 3/0/3

Designed to introduce non-science majors to the diversity and importance of microorganisms and the role of these organisms play in the environment, industry, and our health. Designed for on-line delivery and contains an associated laboratory component.

### BIOL 1015L The Unseen World of Microorganisms Lab 0/1/1

Prerequisite: BIOL 1015

This laboratory is designed to accompany BIOL 1015. Students may take lecture without lab, however the lecture portion is a co-requisite or pre-requisite to this lab course. The lab 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 Department, 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 the biology major, other science majors, and secondary science majors. An integrated plant- animal approach, including form, function, and development of organisms, their systematics, ecology and evolution. Students must enroll in BIOL 1107L in the same term.

**BIOL 1107L Principles of Biology I Laboratory 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**

A continuation of BIOL 1107. Students must enroll in BIOL 1108L in the same term.

**BIOL 1108L Principles of Biology II Laboratory 0/3/1**

The laboratory component for BIOL 1108. Lecture and lab must be taken in the same term.

**BIOL 1110 Biological Diversity 2/2/3**

This course is an Introductory foundation-building course for Biology majors. It is designed to familiarize students with the distinguishing characteristics, taxonomy, evolutionary relationships, and economic importance of all domains of life. For Biology majors only. Does not fulfill core requirements.

**BIOL 2021 Human Anatomy and Physiology I 3/0/3**

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. Course is designed to be taken before Biology 2022. This course is not intended for biology or other laboratory science majors and cannot be used for credit toward those degrees. Students must enroll in BIOL 2021L in the same term.

**BIOL 2021L Human Anatomy and Physiology I Laboratory 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**

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 Biology 2022. This course is not intended for biology or other laboratory science majors and cannot be used for credit toward those degrees.

**BIOL 2022L Human Anatomy and Physiology II Laboratory 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**

Medical microbiology is a course 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. Students must enroll in BIOL 2030L in the same term.

**BIOL 2030L Medical Microbiology Laboratory 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 or CHEM 1211 and CHEM 1212K or CHEM 1212

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 or CHEM 1211 and CHEM 1212K or CHEM 1212

This is the laboratory component for the lecture course, BIOL 2017. Lecture and lab must be taken in the same semester.

**BIOL 2108 Principles of Biology II for Biology Majors 3/0/3**

Prerequisite: and BIOL 2107L with a minimum grade of C

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**

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**

A course designed to introduce sophomore Biology majors to basic computer applications that will provide knowledge and skills useful for advanced course work, professional studies, or employment in the biological sciences.

**BIOL 2130 Sophomore Biology Seminar 0/1/1**

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, the style of writing for biological literature, including research papers, review articles and short communications. Each student will select a topic for presentation, will research his or her topic and will present the researched information orally in a style acceptable for scientific presentations.

**BIOL 2134 Molecular Cell Biology 3/0/3**

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**

The laboratory component of BIOL 2134.

**BIOL 2135 Ecology, Evolution, and Experimental Biology 3/0/3**

Designed to familiarize sophomore level Biology students 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 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**

The laboratory component of BIOL 2135.

**BIOL 2983 Undergraduate Biology Research 0/1.0 - 4.0/1.0 - 4.0**

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.

**BIOL 2985 Special Topics in Biology 1.0 - 4.0/0/1.0 - 4.0**

This course will cover various topics in biology at the lower division level. The topics will change from term to term. Courses may or may not involve laboratory instruction. Non-laboratory courses will offer 3 credit hours and laboratory courses will offer 4 credit hours.

**BIOL 3010 Biology for Middle Grades Education 3/0/3**

Prerequisite: BIOL 1107 and BIOL 1107L

Non-credit for biology major or minor. A course that emphasizes the conceptual basis for the Georgia middle grades life sciences performance standards. This course broadens understanding of the fundamental concepts of animal organ systems, animal physiology, parts and functions of vascular plants, reproduction, and ecological principles. A foundational course in biology is assumed.

**BIOL 3134 Cell and Molecular Biology 4/0/4**

Prerequisite: BIOL 2107 with a minimum grade of C and BIOL 2107L with a minimum grade of C and BIOL 2108 with a minimum grade of C and BIOL 2108L with a minimum grade of C and CHEM 1211K and CHEM 1212K or BIOL 1107 and BIOL 1107L and BIOL 1108 and BIOL 1108L and CHEM 1211K and CHEM 1212K

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 3135 Ecology 4/0/4**

Prerequisite: BIOL 2107 with a minimum grade of C and BIOL 2107L with a minimum grade of C and BIOL 2108 with a minimum grade of C and BIOL 2108L with a minimum grade of C and CHEM 1211K and CHEM 1212K or BIOL 1107 and BIOL 1107L and BIOL 1108 and BIOL 1108L and CHEM 1211K and CHEM 1212K

This course is designed to familiarize Biology majors with the factors controlling the structure and function of populations, communities, and ecosystems. The role of evolutionary processes in the structure and function of these systems will also be explored. Basic concepts will be synthesized and reinforced by investigating the dynamics of the aquatic life zones and terrestrial biomes on earth.

**BIOL 3221 Taxonomy of Flowering Plants and Ferns 3/3/4**

Prerequisite: BIOL 1108 and BIOL 1108L or BIOL 2108 and BIOL 2108L

Taxonomy of flowering plants and ferns is designed to familiarize students with the important botanical features and methods used to identify vascular plant species. Emphasis will be placed on recognizing the distinguishing characteristics, taxonomic relationships, and ecological distribution of plant families common to Northwest Georgia.

**BIOL 3223 Vascular Plants 3/3/4**

Prerequisite: BIOL 2107 with a minimum grade of C and BIOL 2107L with a minimum grade of C and BIOL 2108 with a minimum grade of C and BIOL 2108L with a minimum grade of C and CHEM 1211K and CHEM 1212K or BIOL 1107 and BIOL 1107L and BIOL 1108 and BIOL 1108L and CHEM 1211K and CHEM 1212K

Designed to familiarize students with four basic areas of plant biology: diversity, anatomy, physiology and ecology. 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 and BIOL 1108L or BIOL 2108 and BIOL 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: BIOL 2107 with a minimum grade of C and BIOL 2107L with a minimum grade of C and BIOL 2108 with a minimum grade of C and BIOL 2108L with a minimum grade of C and CHEM 1211K and CHEM 1212K or BIOL 1107 and BIOL 1107L and BIOL 1108 and BIOL 1108L and CHEM 1211K and CHEM 1212K

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: BIOL 2107 with a minimum grade of C and BIOL 2107L with a minimum grade of C and BIOL 2108 with a minimum grade of C and BIOL 2108L with a minimum grade of C and CHEM 1211K and CHEM 1212K or BIOL 1107 and BIOL 1107L and BIOL 1108 and BIOL 1108L and CHEM 1211K and CHEM 1212K

Concepts of evolution with a review of the how animals with backbones developed through more than 400 million years.

**BIOL 3242 Evolution 4/0/4**

Prerequisite: BIOL 2107 with a minimum grade of C and BIOL 2107L with a minimum grade of C and BIOL 2108 with a minimum grade of C and BIOL 2108L with a minimum grade of C and CHEM 1211K and CHEM 1212K or BIOL 1107 and BIOL 1107L and BIOL 1108 and BIOL 1108L and CHEM 1211K and CHEM 1212K

The principles and mechanisms of evolution in plants and animals, covering population phenomena, speciation, sexual selection, life history strategies, behavior, adaptation, systematics and biogeography.

**BIOL 3310 Microbiology 3/3/4**

Prerequisite: BIOL 2107 with a minimum grade of C and BIOL 2107L with a minimum grade of C and BIOL 2108 with a minimum grade of C and BIOL 2108L with a minimum grade of C and CHEM 1211K and CHEM 1212K or BIOL 1107 and BIOL 1107L and BIOL 1108 and BIOL 1108L and CHEM 1211K and CHEM 1212K

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: BIOL 2107 with a minimum grade of C and BIOL 2107L with a minimum grade of C and BIOL 2108 with a minimum grade of C and BIOL 2108L with a minimum grade of C and CHEM 1211K and CHEM 1212K or BIOL 1107 and BIOL 1107L and BIOL 1108 and BIOL 1108L and CHEM 1211K and CHEM 1212K and CHEM 2411 or CHEM 3422

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 be-

tween 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: BIOL 2107 with a minimum grade of C and BIOL 2107L with a minimum grade of C and BIOL 2108 with a minimum grade of C and BIOL 2108L with a minimum grade of C and CHEM 1211K and CHEM 1212K or BIOL 1107 and BIOL 1107L and BIOL 1108 and BIOL 1108L and CHEM 1211K and CHEM 1212K

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: BIOL 2107 with a minimum grade of C and BIOL 2107L with a minimum grade of C and BIOL 2108 with a minimum grade of C and BIOL 2108L with a minimum grade of C and CHEM 1211K and CHEM 1212K or BIOL 1107 and BIOL 1107L and BIOL 1108 and BIOL 1108L and CHEM 1211K and CHEM 1212K

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 3825 Research Methods 3/0/3**

Specially designed to meet the needs of future teachers, students design and carry out four independent inquiries, which they write up and present in the manner that is common in the scientific community. Course is restricted to UTEACH students.

**BIOL 4241 Entomology 3/3/4**

Prerequisite: BIOL 1108 and BIOL 1108L or BIOL 2108 and BIOL 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 and BIOL 1108L or BIOL 2108 and BIOL 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 and BIOL 1108L or BIOL 2108 and BIOL 2108L

The biology, systematics and taxonomy of fishes with an emphasis on the biodiversity/biogeography of fishes in the state of Georgia.

**BIOL 4266 Molecular Ecology 3/0/3**

Prerequisite: BIOL 2107 with a minimum grade of C and BIOL 2107L with a minimum grade of C and BIOL 2108 with a minimum grade of C and BIOL 2108L with a minimum grade of C and CHEM 1211K and CHEM 1212K or BIOL 1107 and BIOL 1107L and BIOL 1108 and BIOL 1108L and CHEM 1211K and CHEM 1212K

This course examines the use of molecular genetic data to the understanding of ecological and evolutionary processes in the natural populations such as genetic diversity, dispersal, gene flow and phylogeography. This course will also examine how molecular genetic data is uti-

lized to study behavioral mechanism such as mate selection and foraging. Application of molecular ecology principles to conversation will also be explored.

#### BIOL 4315 Microbial Physiology and Genetics 3/3/4

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

Course is designed to expose students to the importance of micro organisms in industry and in the environment. Lab exercises focus on microbial growth, interactions with environmental factors and use in industrial applications such as treatment of sewage. Same as ENVS 4321.

#### BIOL 4325 Advanced Medical Microbiology 3/0/3

Advanced medical microbiology 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 4424 Wildlife Habitat Ecology 3/3/4

Prerequisite: BIOL 2107 with a minimum grade of C and BIOL 2107L with a minimum grade of C and BIOL 2108 with a minimum grade of C and BIOL 2108L with a minimum grade of C and CHEM 1211K and CHEM 1212K or BIOL 1107 and BIOL 1107L and BIOL 1108 and BIOL 1108L and CHEM 1211K and CHEM 1212K

This course is designed to familiarize biology majors with the ecology and management of terrestrial wildlife habitats. Ecological concepts and principles relevant to wildlife habitat structure and function will be evaluated from the individual, population, community, ecosystem, and landscape levels of organization. Management practices that affect the structure and function of wildlife habitats will be evaluated for agricultural and forest ecosystems. Concepts will be synthesized and reinforced by investigating the habitat requirements for a variety of wildlife species in the southwestern United States.

#### BIOL 4440 Aquatic Ecology 2/6/4

Prerequisite: BIOL 2107 with a minimum grade of C and BIOL 2107L with a minimum grade of C and BIOL 2108 with a minimum grade of C and CHEM 1211K and CHEM 1212K or BIOL 1107 and BIOL 1107L and BIOL 1108 and BIOL 1108L and CHEM 1211K and CHEM 1212K

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.

#### BIOL 4441 Animal Behavior 3/3/4

Prerequisite: BIOL 2107 with a minimum grade of C and BIOL 2107L with a minimum grade of C and BIOL 2108 with a minimum grade of C and BIOL 2108L with a minimum grade of C and CHEM 1211K and CHEM 1212K or BIOL 1107 and BIOL 1107L and BIOL 1108 and BIOL 1108L and CHEM 1211K and CHEM 1212K

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: BIOL 2107 with a minimum grade of C and BIOL 2107L with a minimum grade of C and BIOL 2108 with a minimum grade of C and BIOL 2108L with a minimum

grade of C and CHEM 1211K and CHEM 1212K or BIOL 1107 and BIOL 1107L and BIOL 1108 and BIOL 1108L and CHEM 1211K and CHEM 1212K

The biology, systematics and taxonomy of marine organisms with an emphasis on the ecological principles that influence their biogeography.

BIOL 4450 Terrestrial Ecology 2/6/4

Prerequisite: BIOL 2107 with a minimum grade of C and BIOL 2107L with a minimum grade of C and BIOL 2108 with a minimum grade of C and BIOL 2108L with a minimum grade of C and CHEM 1211K and CHEM 1212K or BIOL 1107 and BIOL 1107L and BIOL 1108 and BIOL 1108L and CHEM 1211K and CHEM 1212K

This course provides an in-dept study of the processes controlling the structure and function of terrestrial ecosystems. Basic concepts will be synthesized and applied 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: BIOL 2107 with a minimum grade of C and BIOL 2107L with a minimum grade of C and BIOL 2108 with a minimum grade of C and BIOL 2108L with a minimum grade of C and CHEM 1211K and CHEM 1212K or BIOL 1107 and BIOL 1107L and BIOL 1108 and BIOL 1108L and CHEM 1211K and CHEM 1212K and CHEM 2411 or CHEM 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: BIOL 2107 with a minimum grade of C and BIOL 2107L with a minimum grade of C and BIOL 2108 with a minimum grade of C and BIOL 2108L with a minimum grade of C and CHEM 1211K and CHEM 1212K or BIOL 1107 and BIOL 1107L and BIOL 1108 and BIOL 1108L and CHEM 1211K and CHEM 1212K

A course combining the fundamentals of embryology with the genetic and molecular analysis of embryonic development.

BIOL 4539 Comparative Physiology 3/0/3

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: BIOL 2107 with a minimum grade of C and BIOL 2107L with a minimum grade of C and BIOL 2108 with a minimum grade of C and BIOL 2108L with a minimum grade of C and CHEM 1211K and CHEM 1212K or BIOL 1107 and BIOL 1107L and BIOL 1108 and BIOL 1108L and CHEM 1211K and CHEM 1212K

This course is designed to give students a hands-on approach to understanding the metabolic activities of how plants grow develop throughout their lifecycles. Emphasis will be placed on plant environmental interactions, stress physiology, growth regulators, mineral nutrition, translocation, photosynthesis/respiration, and root/shoot physiology.

**BIOL 4666 Evolutionary Genomics 3/0/3**

Prerequisite: BIOL 2107 with a minimum grade of C and BIOL 2107L with a minimum grade of C and BIOL 2108 with a minimum grade of C and BIOL 2108L with a minimum grade of C and CHEM 1211K and CHEM 1212K or BIOL 1107 and BIOL 1107L and BIOL 1108 and BIOL 1108L and CHEM 1211K and CHEM 1212K

This course covers the techniques by which genome sequences and genome functions are analyzed. This course also examines topics in evolutionary genomics such as comparative genomics, evolution of duplicate genes, evolution of genome structure and organization, evolution of protein function and evolution of gene expression.

**BIOL 4727 Essentials of Immunology 3/0/3**

Essentials of immunology 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 4728 Bacterial Pathogenesis 3/0/3**

Prerequisite: BIOL 3310

Bacterial Pathogenesis introduces students to the field of medical microbiology and the study of infectious disease. Topics covered include a discussion of environmental and host factors involved in bacterial infection and disease, an introduction to epidemiology and nosocomial infections, an overview of innate and acquired host defenses, and an extensive survey of bacterial pathogens with special emphasis on virulence factors and molecular mechanisms underlying disease processes. An online, virtual laboratory component will focus on methods routinely used to isolate, culture, and identify bacterial pathogens.

**BIOL 4729 Medical Virology 3/0/3**

Medical virology 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**

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**

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: BIOL 2107 with a minimum grade of C and BIOL 2107L with a minimum grade of C and BIOL 2108 with a minimum grade of C and BIOL 2108L with a minimum grade of C and CHEM 1211K and CHEM 1212K or BIOL 1107 and BIOL 1107L and BIOL 1108 and BIOL 1108L and CHEM 1211K and CHEM 1212K

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 molec-

ular biologists. Biological principles behind anti-aging, aging intervention agents, and lifestyle options will be discussed.

BIOL 4733 Nutrition 3/0/3

Prerequisite: BIOL 3513 and CHEM 2411 or BIOL 4503

Biology 4733 is a general science course for science majors. This course provides a basic understanding of the fundamentals of human nutrition and builds from what biology majors already know about physiology, biochemistry and general biology. It uses a scientific approach to apply the logic of sciences in understanding the individual's diet so that they are prepared to make decisions about health and nutrition. Emphases are placed on digestion, absorption and functions of carbohydrates, proteins, fats, nucleic acids, vitamins, minerals, water, and accessory nutrients. This course also integrates energy balance, weight control, health, diseases, metabolism, and cultural diversity. This course is only for those who have learned metabolic pathways and chemistry, which set it apart from the lower level core curriculum course, Biology 1014.

BIOL 4734 Neuroscience 3/0/3

Prerequisite: BIOL 3513 and CHEM 2411 or BIOL 4503

Biology 4734W is an upper level Discipline-Specific Writing science course. This course will provide an understanding of human neuroanatomy, physiology and pharmacology of the nervous system and its voluntary and autonomic target and sensory organs. Other topics will include cognition, neural disorders and disorders of movement. Students taking this course should have passed BIOL 3513 Physiology CGEN 2411 Organic Chemistry I or BIOL 4503 Biochemistry.

BIOL 4981 Independent Study 0/1.0 - 4.0/1.0 - 4.0

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 0/1.0 - 4.0/1.0 - 4.0

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 4983 may be applied toward biology degree requirements for a maximum of 4 credit hours.

BIOL 4984 Senior Biology Seminar 1/0/1

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. 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 1.0 - 4.0/0.0 - 4.0/1.0 - 4.0

Specific titles will be announced for each term in class schedules and will be entered on transcripts.

BIOL 4986 Biological Internship 0/1.0 - 6.0/1.0 - 6.0

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. Variable Credit Course 1-6 hours. May be repeated for up to 12 hours.

## Birth Through Five Courses (BRFV)

BRFV 4210 Home, School and Community 3/0/3

This course is designed for students who are currently employed or who are preparing to work in early childhood settings. This course will help students to establish and maintain positive and productive working relationships with families within the context of the urban community to benefit the well being of the growing child. Writing assignments, as appropriate to the discipline will be part of the course.

BRFV 4220 Special Education Strategies for Young Learners: Birth to Age Five 3/0/3

This course provides information on curricula, instructional strategies, service environments, and staffing roles for teachers of young 0-5 children with disabilities.

BRFV 4230 Methods for Pre-Kindergarten and Kindergarten 3/0/3

This course is designed to familiarize students with developmentally appropriate programs for preschool children in inclusive classroom settings.

## 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, to include word processing, presentations software, LAN, e-mail and Internet utilizations.

BUSA 2106 Legal and Ethical Environment of Business 3/0/3

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. Requires overall GPA of 2.0.

## Counseling & Educational Psychology Courses (CEPD)

CEPD 2101 Childhood Development 3/0/3

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

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: TE

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 Measurements 3/0/3**

Prerequisite: TE

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.

## **Chemistry Courses (CHEM)**

**CHEM 1000 Workshop for CHEM 1151K 0/0/0**

Workshop/discussion for Chemistry 1151.

**CHEM 1001 Workshop for CHEM 1211K 0/0/0**

Workshop/discussion for Chemistry 1211K.

**CHEM 1002 Workshop for CHEM 1152K 0/0/0**

Workshop/discussion for CHEM 1152K

**CHEM 1003 Workshop for CHEM 1212K 0/0/0**

Workshop/discussion for CHEM 1212K

**CHEM 1100 Introductory Chemistry 3/0/3**

A one semester course covering some basis concepts and applications of chemistry for non-science majors. There is no laboratory component.

**CHEM 1100L Introductory Chemistry Laboratory 0/3/1**

Laboratory exercises supplement the lecture material of CHEM 1100.

**CHEM 1151K Survey of Chemistry I 3/3/4**

First course in a two-semester sequence covering elementary principles of general, organic, and biochemistry for allied health professions and non-science majors. 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 1151K with a minimum grade of C

Second course in a two-semester sequence covering elementary principles of general, organic, and biochemistry for allied health professions and non-science majors. Laboratory exercises supplement the lecture material.

**CHEM 1211 Principles of Chemistry I 3/0/3**

Prerequisite: 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.

**CHEM 1211L Principles of Chemistry I Lab 0/3/1**

Laboratory exercises supplement the lecture material of CHEM 1211.

**CHEM 1211K Principles of Chemistry I 3/3/4**

Prerequisite: MATH 1113 or MATH 1111 with a minimum grade of C and MATH 1112

First course in a two-semester sequence covering the fundamental principles and applications of chemistry designed for science majors. Topics to be covered include composition of matter, stoichiometry, periodic relations, and nomenclature. Laboratory exercises supplement the lecture material. Prerequisites: High school chemistry course with laboratory or introductory college chemistry course with laboratory. College algebra. Precalculus as a prerequisite or co-requisite is highly recommended. For more information on this institution's eCore courses, please see <http://www.westga.edu/~ecore/>

**CHEM 1212 Principles of Chemistry II 3/0/3**

Prerequisite: CHEM 1211 with a minimum grade of C or CHEM 1211K with a minimum grade of C and MATH 1113 with a minimum grade of C

Second course in a two-semester sequence covering the fundamental principles and applications of chemistry for science majors. Topics to be covered include chemical bonding, properties of solids, liquids and gases, solutions, equilibria, acids and bases, solubility, thermodynamics, kinetics and electricity.

**CHEM 1212L Principles of Chemistry II Lab 0/2/1**

Laboratory exercises supplement the lecture material of CHEM 1212.

**CHEM 1212K Principles of Chemistry II 3/3/4**

Prerequisite: CHEM 1211K with a minimum grade of C and MATH 1113 or MATH 1112 and MATH 1111 with a minimum grade of C and CHEM 1211K with a minimum grade of C

Second course in a two-semester sequence covering the fundamental principles and applications of chemistry designed for science majors. Laboratory exercises supplement the lecture material. Prerequisites: CHEM 1211K College algebra. Precalculus as a prerequisite or co-requisite is highly recommended. For more information on this institution's eCore courses, please see <http://www.westga.edu/~ecore/>

**CHEM 1230K Accelerated Principles of Chemistry 4/0/4**

Designed for the student with superior pre-college 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 gasses, 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 1211 and CHEM 1212. May not be taken for credit after successful completion of CHEM 1212.

CHEM 2083 Selected Projects in Chemistry 0/1.0 - 3.0/1.0 - 3.0

Title and description of course to be specified at time of offering.

CHEM 2130 Sophomore Chemistry Seminar 1/0/1

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 instructors.

CHEM 2411 Organic Chemistry I 3/0/3

Prerequisite: CHEM 1211 with a minimum grade of C or CHEM 1211K with a minimum grade of C and CHEM 1212 with a minimum grade of C or CHEM 1212K with a minimum grade of C

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 I Laboratory 0/3/1

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: CHEM 2411 with a minimum grade of C

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, cyclo-additions and carbon-carbon bond formation. The course begins to teach the student how to systematically design a multi-step synthesis of complex organic compounds.

CHEM 2422L Organic Chemistry II Laboratory 0/3/1

Emphasis of this laboratory will be on synthesis and characterization of organic substances will be included.

CHEM 3010 Law and Administration of Chemicals 3/0/3

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, batteries. Regulations, particularly RCRA, CERCLA, OSHA, TSCA, SARA, NEPA, HMTA, CWA will be discussed.

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 in-

clude: the O.J. Simpson case, the John Kennedy assassination, the Jeffery 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**

An examination of the current and historical patterns of alcohol, drug use, abuse, and control. Emphasis will be given to the patterns of usage, way these drugs affect body and types of rehabilitation centers. See CRIM 3242.

**CHEM 3310K Analytical Chemistry 3/4/4**

Prerequisite: CHEM 1211 with a minimum grade of C and CHEM 1212 with a minimum grade of C and MATH 1634 with a minimum grade of C and MATH 1113 with a minimum grade of C

This course emphasizes skills needed for a student to function as a professional analytical chemist. The student will be firmly grounded in the areas of gravimetric and volumetric analysis, equilibria, quantitative spectroscopy, electrochemistry and chromatography. Special emphases will be placed on writing skills.

**CHEM 3422 Organic Chemistry II 3/0/3**

Prerequisite: CHEM 2411 with a minimum grade of C

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, cyclo-additions and carbon-carbon bond formation. The course begins to teach the student how to systematically design a multi-step synthesis of complex organic compounds.

**CHEM 3422L Organic Chemistry II Laboratory 0/3/1**

Emphasis of this laboratory will be on synthesis and characterization of organic substances will be included.

**CHEM 3510 Survey of Physical Chemistry 3/0/3**

Prerequisite: CHEM 1211 with a minimum grade of C and CHEM 1212 with a minimum grade of C and MATH 1634 with a minimum grade of C and MATH 2644 with a minimum grade of C and PHYS 1111 with a minimum grade of C or PHYS 2211 with a minimum grade of C and PHYS 1112 with a minimum grade of C or PHYS 2212 with a minimum grade of C

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**

Prerequisite: CHEM 1212 with a minimum grade of C and PHYS 2211 with a minimum grade of C and PHYS 2212 with a minimum grade of C and MATH 2644 with a minimum grade of C

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: CHEM 1211 with a minimum grade of C and CHEM 1212 with a minimum grade of C and MATH 1634 with a minimum grade of C and MATH 2644 with a minimum grade of C and PHYS 2211 with a minimum grade of C and PHYS 2212 with a minimum grade of C

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 Laboratory 0/4/2

In this course, students will demonstrate their understanding of the physical basis and general applications of experimental techniques in physical chemistry. In particular, they will demonstrate their ability in applying the theories from thermodynamics, kinetics, quantum mechanics and spectroscopy to interpret experimental data. They will also learn how to maintain a laboratory notebook - collect data in a professionally acceptable way. Finally, they will demonstrate their ability to communicate their data and results to others.

CHEM 3810 Chemical Process Principles 3/0/3

Prerequisite: PHYS 2212

An introductory engineering approach to material and energy balance for physical and chemical processes are 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.

CHEM 3825 Research Methods 3/0/3

Specially designed to meet the needs of future teachers, students design and carry out four independent inquiries, which they write up and present in the manner that is common in the scientific community. Course is restricted to UTEACH students.

CHEM 3830 Engineering Thermodynamics 3/0/3

Prerequisite: PHYS 2212 and 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.

CHEM 3885 Selected Topics in Chemical Engineering 1.0 - 3.0/0/1.0 - 3.0

Title and description of course to be specified at time of offering. May be repeated for credit.

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 0/1.0 - 3.0/1.0 - 3.0

A topic is chosen in consultation with a faculty member.

CHEM 4083 Faculty Directed Research 0/1.0 - 3.0/1.0 - 3.0

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.

CHEM 4084 Senior Seminar 0/1/1

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 0/1.0 - 3.0/1.0 - 3.0

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 1.0 - 4.0/0/1.0 - 4.0**

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 in chemistry only by consent of department.

**CHEM 4330K Instrumental Analysis 3/1/4**

Prerequisite: CHEM 3310K with a minimum grade of C and MATH 1634 with a minimum grade of C and PHYS 1111 with a minimum grade of C or PHYS 2211 with a minimum grade of C or CandPHYS 1112 with a minimum grade of C or PHYS 2212 with a minimum grade of C  
This is a course designed for chemistry majors that covers the use of instrumentation for chemical analysis. Topics will include optical 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 the 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**

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 Laboratory 0/3/1**

This laboratory course is designed to familiarize a student to modern techniques of surface science. The technique includes 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 a interactive hands on experience.

**CHEM 4385 Advanced Topics in Analytical Chemistry 1.0 - 4.0/0/1.0 - 4.0**

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**

Organic Medical Chemistry, prerequisite Organic II, 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 1.0 - 4.0/0/1.0 - 4.0**

Building upon the students' background 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 1.0 - 4.0/0/1.0 - 4.0**

Building upon the students' background 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

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

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

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 1.0 - 4.0/0/1.0 - 4.0

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 1211 with a minimum grade of C and CHEM 1212 with a minimum grade of C and CHEM 2411 with a minimum grade of C and CHEM 2422 with a minimum grade of C or CHEM 3422 with a minimum grade of C and CHEM 3310K with a minimum grade of C and MATH 1113 with a minimum grade of C and MATH 1634 with a minimum grade of C and PHYS 1111 with a minimum grade of C or PHYS 2211 with a minimum grade of C and PHYS 1112 with a minimum grade of C or PHYS 2212 with a minimum grade of C  
The first of two semester sequence in biochemistry covering the general physical and chemical properties of biomolecules and the 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.

CHEM 4712 Physical Biochemistry 3/0/3

Prerequisite: MATH 2644 with a minimum grade of C and PHYS 1112 or PHYS 2212 and CHEM 2422 or CHEM 3422 and CHEM 3310K

The second semester of a two semester sequence in bio-chemistry 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 fluorescence, circular dichroism, laser spectroscopy, mass spectrometry and xray crystallography.

CHEM 4720L Biochemistry Laboratory 0/6/2

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 4910L Tools and Applications in Chemical Research and Practice 1/5/3

Prerequisite: CHEM 3310K with a minimum grade of C and CHEM 3510 with a minimum grade of C

Tools and Applications in Chemical Research and Practice is a 3 credit hour laboratory based course that introduces students to a research experience using a series of small-scale, multi-week research modules. This capstone course capitalizes on previous knowledge and skills from multidisciplinary chemistry courses and focuses on a narrow problem in a practical application. Each module begins with skill building activities followed by and in-depth exploration of one aspect of the problem allowing students access to research experiences as part of the mainstream curriculum.

CHEM 4913L Advanced Synthesis Laboratory 0/6/2

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.

CHEM 4920 Environmental Chemistry 2/6/4

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; current environmental problems. The laboratory will consist of EPA-approved methods of analyses.

CHEM 4930 Chemical Kinetics 3/0/3

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 subdisciplines 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

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: An Integrated Approach 1.0 - 4.0/0/1.0 - 4.0

This course focuses on selected topics in chemistry which may consist of spectroscopy, magnetic resonance or stereo chemistry. The emphasis is on an integrated approach to view examples that transcend sub-disciplines within chemistry, namely inorganic, organic, physical, analytical, and biochemistry.

## Management Information Systems Courses (CISM)

CISM 2201 Foundations of Computer Applications 2/2/3

An introduction to management information systems that focuses on emerging technologies and examines how programs such as Microsoft Office can be used in making business decisions. There is a heavy emphasis on Excel as students format and modify worksheets, use advanced formulas, and create charts and pivot tables. Requires overall GPA of 2.0.

CISM 2335 Business Programming and Web Design 3/0/3

Prerequisite: CISM 2201

This course introduces students to basic programming and web page design. Specific emphasis will be placed on introducing students to web development applications, content management systems, and programming languages.

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 3/0/3

Prerequisite: CISM 3330 and CISM 2335

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 4310 Business Systems Analysis and Design 3/0/3

Prerequisite: 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

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. Same as MGNT 4330.

CISM 4350 Enterprise and Decision Support Systems 3/0/3

Prerequisite: CISM 3330 and CISM 4310

An introduction to the theoretical and practical issues related to enterprise and decision support systems. Will introduce students to the technologies involved in these systems and will examine the need to share, communicate, and manage organizational information for integration and decision making. Specific emphasis will be placed on using enterprise systems such as Greenway's PrimeSuite or SAP's enterprise system. Same as MGNT 4350.

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 email 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 Sys-

tems, 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 1.0 - 3.0/0/1.0 - 3.0

In-depth, supervised, individual study of one or more current problems of a business organization.

CISM 4386 Business Internship Management Information Systems 0/1.0 - 6.0/1.0 - 6.0

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.

CISM 4390 Information Systems Topics 3/0/3

Prerequisite: CISM 4310 and CISM 3340

This course covers current and emerging topics in MIS. Projects will also be assigned to apply IS problem solving and management skills including IS planning, hardware and software evaluation, and resource allocation. Topics and projects will include both oral and written communication assignments. Prerequisites: CISM 3340 and CISM 4310.

## Mass Communications Courses (COMM)

COMM 1100 Human Communication 3/0/3

Prerequisite: ECOR C or ECCG C

This course is a broad approach to oral communication skills including intrapersonal, interpersonal, small group, and public speaking. Students in this course will be expected to participate in discussions on a frequent basis, take on-line quizzes, complete a variety of unit assignments and take a proctored final exam. For more information on this institution's eCore courses, please see <http://www.westga.edu/~ecore/>

COMM 1110 Public Speaking 3/0/3

A study of the principles and practice of public speaking with an emphasis on the organization of material and the vocal and physical aspects of delivery in various public speaking situations.

COMM 1115 Debate Practicum 0/2/2

Instruction and practice in competitive debate. Emphasis on skills necessary for intercollegiate debate, including research and strategy. DebaTEam membership is not prerequisite, but the focus is exclusively college debate.

COMM 1154 Introduction to Mass Communications 3/0/3

An introductory, yet critical examination of the historical development, and paramount economic, legal/policy, ethical, political, and social effects issues concerned with mass media, i.e., books, newspapers, magazines, recordings, radio, movies, television, the internet, public relations, and advertising. Particular attention given to competition, convergence, and mass media's impact on society, as well as society's impact on mass media.

COMM 2110 Intercultural Communication 3/0/3

This course will focus on developing awareness and skillsets needed to communicate across geographic and cultural lines. Topics include methods for improving oral, written, and interpersonal communication skills needed in a diverse society and within a global context.

COMM 2254 Media Ethics 3/0/3

Prerequisite: COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C

Examination of the major classical and contemporary ethical philosophies. Application of ethical decision-making models to media issues, particularly freedom of speech, economic pressure, invasion of privacy, and the public's rights.

COMM 3301 Writing and Reporting for Newspapers I 2/2/3

Prerequisite: COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C

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 and COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C

This writing-intensive course builds upon the student's basic skills attained in COMM3301, Writing & Reporting for Newspapers. Public Affairs Reporting concerns coverage of government and community events such as city council meetings, hearings, and press conferences. The course also includes writing for beats, editorials, columns and reviews.

COMM 3303 Editing and Markup for Print Publications 2/2/3

Prerequisite: COMM 3301 and COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C

Basic editing and makeup procedures for newspapers and other print publications. Includes copy editing, headline writing, page makeup, and basic graphic principles.

COMM 3310 Persuasion 3/0/3

Prerequisite: COMM 1110 with a minimum grade of C or COMM 1100 with a minimum grade of C

Theories and inquiry into strategies for the creation of and ethical use of persuasive messages including historical and contemporary perspectives in various communication contexts. Special focus on oral presentation of persuasive content and analysis of ethical persuasive strategies.

COMM 3313 Public Relations Principles 3/0/3

Prerequisite: COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C

A survey of the role, responsibilities, and potential of modern public relations. Includes development of basic techniques needed for effective public relations programs.

COMM 3330 Advanced Communication Skills 3/0/3

Prerequisite: COMM 1110 with a minimum grade of C or COMM 1100 with a minimum grade of C

Analysis and application of interpersonal, small-group, and mediated communication skills as effective speaking, listening, negotiation, conflict management, presentation, and media interviewing.

COMM 3350 Telecommunication and Electronic Media Industries 3/0/3

Prerequisite: COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C

A continuation of MASS 154, examining contemporary industry and social issues facing telecommunication and electronic media. Particular attention given to analysis of structure and process, revenue sources, programming and services, audience research, and effects.

COMM 3351 Radio Program Production 2/2/3

Prerequisite: COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C

Instruction in the operation of radio technology and introduction to the production of radio programs. Opportunity for practical experience with the university radio station.

COMM 3352 Fundamentals of Television Production 2/2/3

Prerequisite: COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C

Instruction in the operation of television studio and digital video technology and introduction to the production of television and digital video messages. Emphasis on electronic newsgathering, television studio production, and digital video editing techniques.

COMM 3354 Digital Social Media and Society 3/0/3

Prerequisite: COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C

An introduction to the foundations, applications, and techniques of digital social media. Opportunities for practical experience developing blogs and other social media content, and exploring the relation of these emerging technologies to traditional mass communication media within society.

COMM 3355 Media Programming and Management 3/0/3

Prerequisite: ENGL 1102 with a minimum grade of C and COMM 1154 with a minimum grade of C and COMM 3350

Expounds upon principles discussed in COMM 3350 - Telecommunications and Electronic Media Industries, and offers an in-depth examination of the historical, legal, and professional practices involved in programming and managing the electronic media. Emphasis will focus on the processes of selecting, scheduling, promoting, and evaluating programming for commercial radio and television networks and stations, cable television, public radio and television, and online. Moreover, management issues and programming terminology, strategies, and economics will be discussed.

COMM 3356 Film and Culture 3/0/3

Prerequisite: COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C

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 with a minimum grade of C and ENGL 1102 with a minimum grade of C

Survey and critical analysis of scholarship concerned with the relationship between mass media, public relations, and selected populaces who have been given peripheral attention, i.e., minorities, women, lower socioeconomic class, and those who are aging or have physical disabilities. Emphasis on the cultural impact of media and public relations in terms of representations, audience effects, and industry demographics, as well as media literacy and advocacy.

COMM 4402 Feature Writing 2/2/3

Prerequisite: COMM 3301 and COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C

Application and analysis of techniques for writing magazine and newspaper features and commentaries.

COMM 4403 Photojournalism 2/2/3

Prerequisite: COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C

A study of the history, techniques and importance of photographs for the print media, along with their evolving role in convergent and online media, including analysis of the aesthetic

and social impact of photographs. Practice in the production of documentary photographs appropriate for print and online news delivery, as well as the photographic essay, using digital photography and digital editing tools.

COMM 4413 Public Relations Cases 3/0/3

Prerequisite: COMM 3313 and COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C

Analysis of public relations cases and situations. Includes analysis of application of principles, processes, and theories of public relations to case management.

COMM 4414 Public Relations Management 3/0/3

Prerequisite: COMM 3313 and COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C

Public Relations Management provides students insights regarding key concepts, theoretical perspectives, essential skills and abilities, and critical thinking and problem solving skills necessary for effective communication within an organization and with its stakeholders. Topics include issues management, risk management, relationship management, crisis planning and preparation, case studies, and developing communication plans.

COMM 4421N Practicum-The West Georgian 0/2.0 - 6.0/1.0 - 3.0

Prerequisite: COMM 3301 and COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C

Practical experience with the campus newspaper, The West Georgian, that primarily includes general and specialty news writing and reporting on deadline, editorial decision-making, interviewing, copy editing, photojournalism, and layout and design across traditional and emerging digital media platforms. Emphasis is placed on news style and judgment, localization, and ethical and legal issues. Repeatable; Maximum of 3.0 credits hours may be applied to the Mass Communications major.

COMM 4421N Practicum-The West Georgian 0/2.0 - 6.0/1.0 - 3.0

Prerequisite: COMM 3301 and COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C

Practical experience with the campus newspaper, The West Georgian, that primarily includes general and specialty news writing and reporting on deadline, editorial decision-making, interviewing, copy editing, photojournalism, and layout and design across traditional and emerging digital media platforms. Emphasis is placed on news style and judgment, localization, and ethical and legal issues. Repeatable; Maximum of 3.0 credits hours may be applied to the Mass Communications major.

COMM 4421P Practicum: Bluestone Public Relations Firm 1/4/3

Prerequisite: COMM 3313 and COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C and COMM 4451 or COMM 4414 or COMM 4484 or COMM 4413 or COMM 4444

Practical experience with the student-managed public relations firm that primarily includes hands-on experience through service learning and experiential learning projects for private, nonprofit, and public sector clients. Emphasis is placed on strategic planning, research, data analysis, campaign development, copywriting, promotional design, and use of social media across traditional and digital media platforms. Repeatable; Maximum of 3.0 credit hours may be applied to the Mass Communications major.

COMM 4421P Practicum: Bluestone Public Relations Firm 1/4/3

Prerequisite: COMM 3313 and COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C and COMM 4451 or COMM 4414 or COMM 4484 or COMM 4413 or COMM 4444

Practical experience with the student-managed public relations firm that primarily includes hands-on experience through service learning and experiential learning projects for private, nonprofit, and public sector clients. Emphasis is placed on strategic planning, research, data analysis, campaign development, copywriting, promotional design, and use of social media across traditional and digital media platforms. Repeatable; Maximum of 3.0 credit hours may be applied to the Mass Communications major.

COMM 4421R Practicum - The WOLF Internet Radio 0/2.0 - 6.0/1.0 - 3.0

Prerequisite: COMM 3351 and COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C

Practical experience with the campus radio station, The WOLF Internet Radio, that primarily includes editing, management, on-air experience, producing, programming, promotions, production, and remotes across traditional and emerging digital media platforms. Repeatable; Maximum of 3.0 credit hours may be applied to the Mass Communications major.

COMM 4421R Practicum - The WOLF Internet Radio 0/2.0 - 6.0/1.0 - 3.0

Prerequisite: COMM 3351 and COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C

Practical experience with the campus radio station, The WOLF Internet Radio, that primarily includes editing, management, on-air experience, producing, programming, promotions, production, and remotes across traditional and emerging digital media platforms. Repeatable; Maximum of 3.0 credit hours may be applied to the Mass Communications major.

COMM 4421T Practicum - UTV13 0/2.0 - 6.0/1.0 - 3.0

Prerequisite: COMM 3352 or COMM 3353 and COMM 1154 with a minimum grade of C and COMM 1102 with a minimum grade of C

Practical experience with the campus television station, UTV13, that primarily includes anchoring, directing, editing, field and studio camera operation, news gathering, producing, reporting, scripting, studio and field production, and switching across traditional and emerging digital media platforms. Repeatable; Maximum 3.0 credit hours may be applied to the Mass Communications major.

COMM 4421T Practicum - UTV13 0/2.0 - 6.0/1.0 - 3.0

Prerequisite: COMM 3352 or COMM 3353 and COMM 1154 with a minimum grade of C and COMM 1102 with a minimum grade of C

Practical experience with the campus television station, UTV13, that primarily includes anchoring, directing, editing, field and studio camera operation, news gathering, producing, reporting, scripting, studio and field production, and switching across traditional and emerging digital media platforms. Repeatable; Maximum 3.0 credit hours may be applied to the Mass Communications major.

COMM 4444 Public Relations Campaigns 3/0/3

Prerequisite: COMM 4413 or COMM 4414 or COMM 4451 and COMM 3313 and COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C

This public relations capstone course applies knowledge and skills learned in previous public relations courses in the planning, execution, and evaluation of a client campaign. Provides students the opportunity to gain a positive client evaluation and a quality product to use in their portfolios.

COMM 4450 Broadcast News Writing and Reporting 2/2/3

Prerequisite: COMM 3352 and COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C

Coaching and practice in gathering, writing, and reporting television and radio news under deadline. Particular attention given to news style and judgment as well as aesthetic, ethical, and legal issues. Ability to shoot and edit field video is required.

COMM 4451 Public Relations Writing 3/0/3

Prerequisite: COMM 3301 and COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C

A study and application of principles and techniques for writing across traditional and emerging digital media platforms. Emphasis on informational and persuasive writing for public relations.

COMM 4452 Advanced Film and Video Production 2/2/3

Prerequisite: COMM 3353 with a minimum grade of C and COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C

Direct involvement with the scripting, planning, producing, direction and post-production of film, television, or video programs under the supervision of the instructor. Emphasis on the advanced creative, organizational and managerial aspects of film, television, and video production.

COMM 4454 Media Law 3/0/3

Prerequisite: COMM 2254 with a minimum grade of C and COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C

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 4455 Critical Issues in Mass Communications 3/0/3

Prerequisite: COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C

Exploration and analysis of critical, contemporary issues concerned with the relationship between mass media and society. Emphasis on critical, creative, and collaborative thinking to reach considered judgments and position students to be media literate, responsible, and responsive 21st century mass media and public relations professionals.

COMM 4481 Independent Study 0/1.0 - 3.0/1.0 - 3.0

Variable topic courses offered on an individual basis to explore or extend study of specialized mass media and public relations scholarship. Students must collaborate with instructor to outline learning objectives, and curriculum to achieve them.

COMM 4484 Mass Communications Research Methods 3/0/3

Prerequisite: COMM 1154 with a minimum grade of C and ENGL 1102 with a minimum grade of C

A survey of qualitative and quantitative research methods, data analysis and reporting procedures, including opportunities to conduct, analyze, evaluate, interpret, and communicate research.

COMM 4485 Special Topics 3/0/3

Variable topic courses offered on a limited or pilot basis to explore or extend study of select, contemporary mass media and public relations issues.

COMM 4486 Internship 0/6/3

Prerequisite: ENGL 1102 with a minimum grade of C and COMM 1154 with a minimum grade of C

A hands-on, supervised, media field experience to apply and test knowledge and skills, and to network with professionals.

## 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 2000 Survey of Criminology 3/0/3

This course will provide an overview of issues and controversies in criminology. In addition to a survey of the major criminological series, the course concentrates on the major types of crimes committed in America society. Additionally, students will be exposed to how major societal institutions impact upon crime control efforts. Finally, problems associated with the measurement of crime are considered.

### 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, 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 the fundamental elements of case briefing and jurisdiction.

### CRIM 2274 American Criminal Courts 3/0/3

Prerequisite: CRIM 1100

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 the 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 defendants enter the judicial system from arraignment to sentencing.

### CRIM 2275 Introduction to Corrections 3/0/3

Corrections in America will be examined at the federal, state and local levels. The history of incarceration, the structure and functions of jails, prisons, and community corrections and the role of corrections in society will be covered.

### CRIM 3240 Criminological Theory 3/0/3

Prerequisite: CRIM 2000

An overview of the major historical developments in criminological theory, with an emphasis on basic assumptions, concepts, and propositions of criminological theories of crime.

### CRIM 3241 Corrections 3/0/3

Prerequisite: CRIM 1100

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 3242 Drug Abuse 3/0/3

An examination of the current and historical patterns of alcohol and drug use, abuse, and control. Strong emphasis will be given to patterns of usage and types and kinds of programs used by helping agencies in the rehabilitation process. Same as CHM 3140.

CRIM 3323 Criminal Law 3/0/3

Prerequisite: CRIM 1100

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 interpretative skills will be emphasized.

CRIM 3333 Victimology 3/0/3

Prerequisite: CRIM 1100

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 surveying some of the more recent works by contemporary thinkers.

CRIM 3705 Criminal Profiling 3/0/3

Prerequisite: CRIM 1100

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 profilers are sometimes employed, including sociological and psychological characteristics of serial arsonists, rapists, and murders.

CRIM 3900 Social Science and the Legal System 3/0/3

Prerequisite: CRIM 1100

Critically examines the relationships 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 selection; jury decision-making; eyewitness testimony and accuracy concerns; and the testimony of children in court.

CRIM 3983 Directed Criminology Research 0/0/3

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.

CRIM 4000 Research Methodology 3/0/3

Prerequisite: CRIM 1100

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 Social Sciences 3/0/3**

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 4200 Violent Crime 3/0/3**

This class provides an overview of violent crime in America. It will offer the student readings which incorporate research on violence, theoretical causes of violent crime, and the application of current knowledge to social policy. Course topics include the patterns of violent crime, theoretical explanations of violence, prevention of violent crime, and the punishment/treatment of violent offenders.

**CRIM 4211 Police Deviance 3/0/3**

Prerequisite: CRIM 1100 with a minimum grade of C

The main focus of this course is on examining a variety of contemporary issues in police deviance. Controversies have arisen regarding officer misconduct, racial profiling, excessive use of force and noble cause corruption. The controversies provide a context for studying the ethics of police deviance.

**CRIM 4230 Ethics and Criminal Justice 3/0/3**

Prerequisite: CRIM 1100

Focuses on major moral theories and ethical decision making in the field of criminal justice. Conflicting loyalties, competing social demands, and subcultural strains specific to criminal justice will be explored.

**CRIM 4231 Women in the Criminal Justice System 3/0/3**

Prerequisite: CRIM 1100

This course will introduce students to 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

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

This course will examine the history of youth gangs in the U.S. 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

An interdisciplinary course which looks at the justice systems of such countries as: England, France, China, Japan, South Africa and the Islamic States as well as 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

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

This course will examine juvenile crime within a larger social context, exploring the positive and negative contributions of the individual, the family, peer, 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

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

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 upon American society and their impacts upon police-community relations will be discussed in detail. Particular emphasis will be placed upon learning how the police must go about establishing and maintaining positive relationships with the many communities that they serve.

CRIM 4279 Race and Crime 3/0/3

Prerequisite: CRIM 1100

This course examines the relationship between race, ethnicity, and crime and racial issues confronting the criminal justice system. Students will explore how other minority groups are treated by the criminal justice system. The course also 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

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 and CRIM 3240 with a minimum grade of C and SOCI 4000 with a minimum grade of C or CRIM 4000 with a minimum grade of C

The Senior Capstone course is designed to ensure that the 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 4286 Internship 0/3.0 - 6.0/3.0 - 6.0

Prerequisite: CRIM 1100 with a minimum grade of C and CRIM 3240 with a minimum grade of C and CRIM 4000 with a minimum grade of C

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

A course in 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

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 4650 Corporate and White Collar Crime 3/0/3

Prerequisite: CRIM 1100

This course presents an examination of corporate and white collar crime in the United States including definitional issues, typologies, theories, victimization, enforcement, and the sanctioning of organizations & individuals.

CRIM 4693 Sports, Crime, and Society 3/0/3

Prerequisite: CRIM 1100

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

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 0/1.0 - 3.0/1.0 - 3.0

Title and description of the type of independent study to be offered will be specified on the variable credit form students must complete before registering for the class. May be repeated three times for credit.

CRIM 4983 Senior Thesis 0/0/3

This course gives senior criminology majors the opportunity to conduct significant, independent, empirical research under the supervision of a faculty thesis directory. Students are required to make an oral and written presentation of their research. May be taken twice for credit toward the degree.

## 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; overview of computer architecture, operating systems, and applications; an introduction to algorithms and programming using Visual BASIC.

### CS 1300 Introduction to Computer Science 2/4/4

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 2/4/4

Prerequisite: MATH 1113 with a minimum grade of C

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 B

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 2100 Introduction to Web Development 2/2/3

Prerequisite: CS 1301 with a minimum grade of B

An introduction to the design and implementation of web pages and sites: foundations of human-computer interaction; development processes; interface, site and navigation design; markup and style-sheet languages; site evaluation; introduction to client-side scripting.

### CS 3110 System Architecture 2/2/3

Prerequisite: CS 1302 with a minimum grade of C

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 with a minimum grade of B and MATH 1634 with a minimum grade of C

An integrated approach to the study of data structures, algorithm analysis, and discrete mathematics. Topics include induction and recursion, time and space complexity, and big-O nota-

tion, propositional logic, proof techniques, sorting, mathematical properties of data structures, including 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, and context free grammars; NP-completeness.

#### CS 3201 Program Construction I 2/2/3

Prerequisite: CS 1302 with a minimum grade of B

The craft and science of software construction: effective practices, principles, and patterns for building correct, understandable, testable and maintainable object-oriented code.

#### CS 3202 Program Construction II 2/2/3

Prerequisite: CS 3201 with a minimum grade of C

A continuation of CS 3201: effective practices, principles and patterns for building correct, understandable, testable, and maintainable code using a variety of programming paradigms, programming languages and system architectures.

#### CS 3211 Software Engineering I 2/2/3

Prerequisite: CS 1302 with a minimum grade of B

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 with a minimum grade of C

Software development methods for large scale systems. Management of software development projects. 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 1302 with a minimum grade of C

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 1301 with a minimum grade of C

This course covers fundamental concepts of computer networks and their management. Topics include network security, routing, configuration and installations 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 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 architecture, parallel computing architecture, multimedia networking, and mobile and ad-hoc networks. The course will also discuss emerging technologies in these areas.

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 4981 Independent Study 0/1.0 - 4.0/1.0 - 4.0

Individual study in computer science through a mutual agreement between the student and a computing 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 and CS 3230

This course integrates core topics of computer science body of knowledge, teamwork, and professional practices through the implementation of a large scale project.

CS 4983 Directed Research 0/1.0 - 3.0/1.0 - 3.0

Individual research in computer science through a mutual agreement between the student and a computing 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 1.0 - 3.0/0/1.0 - 3.0

Prerequisite: CS 3211

Topics in Computer Science designed to give students knowledge at the frontier of a rapidly changing field.

CS 4986 Computing Internship 0/0/3

A hands-on, supervised field experience in computing. Students will create and present a comprehensive portfolio documenting the field experience. Maybe repeated for a total of 6 hours credit. Grading is S/U.

## Early Childhood/Elementary Education Courses (ECED)

ECED 3214 Exploratory Activities in Music and the Fine Arts 2/0/2

Prerequisite: TE

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. Admission to Teacher Education. Must be taken concurrently with ECED 3271, ECED 3282 and READ 3251, or with Advisor approval.

ECED 3271 Integrating Curriculum, Instruction, and Classroom Management for Pre K-5 Classrooms 3/0/3

Prerequisite: TE

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 0/1/1

Prerequisite: TE and FE

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. Must be taken concurrently with ECED 3214, ECED 3271 and READ 3251 or with advisor approval.

ECED 4251 Assessment and Correction Mathematics Education 3/0/3

Prerequisite: TE and FE

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. Must be taken concurrently with ECED 4284, READ 3263 and READ 4251 or with advisor approval.

ECED 4251L Assessment and Correction Clinical Lab 0/1/1

This course requires the supervised and coordinated diagnosing and correcting of students in K-5 classrooms. The lab experiences shall require demonstration of the content knowledge and pedagogical skills acquired in ECED 4251 - Assessment and Correction in Mathematics Education.

ECED 4261 Teaching Content and Process: Social Studies Education 3/0/3

Prerequisite: TE and FE

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. Must be taken concurrently with ECED 4262, ECED 4263, ECED 4283, and READ 3262 or with Advisor approval.

ECED 4262 Teaching Content and Process: Science Education 3/0/3

Prerequisite: TE and FE

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. Must be taken concurrently with ECED 4261, ECED 4263, ECED 4283 and READ 3262 or with advisor approval.

ECED 4263 Teaching Content and Process: Science Education 3/0/3

Prerequisite: TE and FE

Mathematics education content, methods and materials which are appropriate for the cognitive development of the young child from Pre-K to Grade 5 will be investigated. Students will apply knowledge of content, methods and materials during field experience. Must be taken concurrently with ECED 4261, ECED 4262, ECED 4283 and READ 3262 or with advisor approval.

ECED 4283 Practicum II 0/2/2

Prerequisite: TE and FE

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. Must be taken concurrently with ECED 4261, ECED 4262, ECED 4263 and READ 3262 or with advisor approval.

ECED 4284 Practicum III 0/2/2

Prerequisite: TE and FE

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 1.0 - 3.0/0/1.0 - 3.0

Prerequisite: TE

Titles and descriptions of specific courses to be inserted at time of offering. May be repeated for credit.

ECED 4286 Teaching Internship 0/18/9

Prerequisite: TE and FE

Students will be involved 15 weeks one semester in a full-time, supervised and directed classroom setting. Application to field experience required prior to enrollment. Must be taken concurrently with ECED 4289; a practicum/internship fee will be charged.

ECED 4287 Teaching Internship I 0/6/3

Prerequisite: TE and FE

Students will be in a full-time, supervised and directed classroom setting. Application to field experience required prior to enrollment. Provisionally certified students only. A practicum/internship fee will be charged.

ECED 4288 Teaching Internship II 0/6/3

Prerequisite: TE and FE

Students will be in a full-time, supervised and directed classroom setting. Application to field experience required prior to enrollment. Must be taken concurrently with ECED 4289.

ECED 4289 Teaching Internship Seminar 3/0/3

Prerequisite: TE

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. Will also serve as a capstone experience for satisfying exit requirements of the program. Must be taken concurrently with ECED 4286 or ECED 4288.

## **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

A study of the economy as a whole including production, economic fluctuations, inflation, unemployment, public policy, and international economics. Requires overall GPA of 2.0.

ECON 2106 Principles of Microeconomics 3/0/3

A study of the individual elements of an economy, including demand, supply, price, firms, production, costs, profits, market structures, income determination and international trade. Requires overall GPA of 2.0.

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 MATH 1113 and 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 or MATH 2063 and 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.

## ECON 3410 Macroeconomic Policy 3/0/3

Prerequisite: ECON 2105 and ECON 2106 and MATH 1111 or MATH 1113

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 and ECON 2106 and MATH 1111 or MATH 1113

The course develops models of the economic behavior of consumers, firms, and government. The 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 and ECON 2106

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 and GPA 2.00 and COBM 1

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 and ECON 2106

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 3450 Economics of Sports 3/0/3

Prerequisite: ECON 2106

This course will be a survey of the theory and literature of the economics issues relevant in professional and college- 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

Prerequisite: ANTH 1102 and ECON 2105 or ECON 2106 and GPA 2.00 and COBM 1

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 and ECON 2106 and ECON 3402

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

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 3490 Ethical, Moral, and Philosophical Foundations of Capitalism 3/0/3

Prerequisite: ECON 2105 and ECON 2106

This course is designed to explore the moral, ethical, and economic foundations of the capitalist system. The economic perspectives of thinkers such as M. Friedman, F.A. Hayek, J.M. Keynes, Karl Marx, Ayn Rand and Adam Smith will be compared and contrasted. This course will address current issues such as corporate social responsibility, the role of government in the economy, and the implications of personal economic philosophies on individual decision making.

ECON 4410 Money and Banking 3/0/3

Prerequisite: ECON 2105 and ECON 2106

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 and ECON 2106

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

Prerequisite: ECON 2105 and ECON 2106

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 Economics 3/0/3

Prerequisite: ECON 2105 and ECON 2106

The course covers the history, institutions, policy and theory of international economic relations.

ECON 4470 Comparative Economic Systems 3/0/3

Prerequisite: ECON 2105 and ECON 2106 and GPA 2.00 and COBM 1

The course compares and contrasts the forms of economic organization.

ECON 4475 Introduction to Econometrics and Analytics 3/0/3

Prerequisite: ECON 3402 and ECON 3460 and MATH 1413

The course emphasis is on applications of econometrics and techniques in business analytics. Topics include methods of presenting data, numerical measures and correlation, estimation, linear/non-linear regression, limited dependent variables, simultaneous equations/instrumental variables, models of duration, and the use of these models in decision making processes. SAS business analytics software will be used in this course.

ECON 4480 Urban and Regional Economics 3/0/3

Prerequisite: ECON 2105 and ECON 2106

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 in Economics 1.0 - 6.0/1.0 - 6.0/1.0 - 6.0

Directed program of independent study or specific research topics.

ECON 4484 Seminar in Economics 3/0/3

The course is the capstone course for all economics majors. The course will change topics and focus. The course will include an evaluation of the students understanding of economic principles.

ECON 4485 Special Topics in Economics 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 credit.

ECON 4486 Internship in Economics 3/0/3

Work experience with a business, government agency or other organization.

## Educational Foundations Courses (EDFD)

EDFD 2303 Orientation to Education 2/0/2

Prerequisite: Cumulative GPA of at least 2.5. An introduction to education with emphasis on the historical, philosophical, and structural aspects of public education with direct participation and observation of the students in the public schools.

## Introductory Education Courses (EDUC)

EDUC 2110 Investigating Critical and Contemporary Issues in Education 3/0/3

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. Student 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

This course is designed to equip future teachers with the fundamental knowledge of understanding culture and teaching children from diverse backgrounds. A field component totaling 10 hours is required.

EDUC 2130 Exploring Learning and Teaching 3/0/3

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 settings and contexts. A field component totaling 10 hours is required.

## English Courses (ENGL)

*NOTE: ENGL 1101 and 1102 are prerequisite for all courses from ENGL 2110 through 4386.*

ENGL 99 Basic Composition 3/0/3

This is a three 3 hour non-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.

ENGL 1101 English Composition I 3/0/3

Composition course focusing on skills required for effective writing in a variety of contexts, with emphasis on exposition, analysis and argumentation, and also including introductory use of a variety of research skills. Prerequisites: All English as a Second Language students must have exited from all English as a Second Language courses. All learning support students must have completed all reading and writing required remediation. For more information on this institution's eCore courses, please see <http://www.westga.edu/~ecore/>

ENGL 1102 English Composition II 3/0/3

Prerequisite: ENGL 1101 with a minimum grade of C or EP 2 or ENG 101 with a minimum grade of C

A composition course that develops writing skills beyond the levels of proficiency required by ENGL 1101 that emphasizes interpretation and evaluation, and that incorporates a variety of more advanced research methods. Prerequisites: C or better in ENGL 1101. Completed ENGL 1101 within the past five years. Passed the home institution's computer literacy requirements. For more information on this institution's eCore courses, please see <http://www.westga.edu/~ecore/>

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.

ENGL 2050 Self-Staging: Oral Communication in Daily Life 3/0/3

An introduction to the performative basis of oral communication and self-presentation.

ENGL 2060 Introduction to Creative Writing 3/0/3

This course serves as an introduction to the art of creative writing - from learning the elements involved in literary production, to gaining the critical skills necessary in assessing works by established authors, to crafting some of your own literary artifacts. Students will study the process of creative writing from a wide range of historical and cultural examples, and learn to model their artistic endeavors on the works of publishing practitioners. They will also investigate the convergence of creative personal experience and creativity and the reception of literary arts in the public domain. May count for credit in Core Area C.

ENGL 2080 Introduction to the Art of Film 3/0/3

Prerequisite: ENGL 1102 with a minimum grade of C or Exemption Credit

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 1102 with a minimum grade of C or ENG 102 with a minimum grade of C or Exemption Credit

A survey of important works of world literature. Required for English majors.

## ENGL 2111 World Literature I 3/0/3

Prerequisite: ENGL 1102 with a minimum grade of C or ENG 102 with a minimum grade of C or Exemption Credit and ECOR C or ECCG C

A survey of important works of world literature from ancient times through the mid-seventeenth century. For more information on this institution's eCore courses, please see <http://www.westga.edu/~ecore/>

## ENGL 2120 British Literature 3/0/3

Prerequisite: ENGL 1102 with a minimum grade of C or ENG 102 with a minimum grade of C or Exemption Credit

A survey of important works of British literature. Required for English majors.

## ENGL 2130 American Literature 3/0/3

Prerequisite: ENGL 1102 with a minimum grade of C or ENG 102 with a minimum grade of C or Exemption Credit

A survey of important works of American Literature. Required for English majors.

## ENGL 2132 American Literature II 3/0/3

Prerequisite: ENGL 1102 with a minimum grade of C and ECOR C or ECCG C

This course will present a broad overview of American literature from the mid-nineteenth century to the present. Students will utilize various critical approaches and reading strategies as they examine important authors and themes of this period. The course will pay special attention to multiple cultures and perspectives. Some of the authors that will be included in this course are Walt Whitman, Emily Dickinson, Gertrude Simmons Bonnin, Mark Twain, Langston Hughes, Kate Chopin, Maxine Hong, Robert Frost, and Raymond Carver. For more information on this institution's eCore courses, please see <http://www.westga.edu/~ecore/>

## ENGL 2180 Studies in African-American Literature 3/0/3

Prerequisite: ENGL 1102 with a minimum grade of C or ENG 102 with a minimum grade of C or Exemption Credit

An examination of representative African-American literary texts, with particular attention to the defining aesthetic principles of the tradition.

## ENGL 2190 Studies in Literature by Women 3/0/3

Prerequisite: ENGL 1102 with a minimum grade of C or ENG 102 with a minimum grade of C or Exemption Credit

An exploration of significant literary texts by female authors, with particular attention to the emergence of what might be called a female aesthetic and issues of gender identity.

## ENGL 3000 Research and Methodology 3/0/3

Prerequisite: ENGL 1101 and ENGL 1102

A gateway course that introduces students to representative critical approaches that they will encounter in the major. Emphasis will be given to research skills, methodology and analytical writing. Required for the major and minor in English. Only six hours of upper division work may be taken before the completion of this course. Enrollment requires permission of academic coordinator. Not offered in the summer session.

## ENGL 3160 Philosophy in Literature and Film 3/0/3

Prerequisite: ENGL 1102 with a minimum grade of C or Exemption Credit

An examination of significant philosophical, literary, and filmic texts in terms of their thematic and/or conceptual interconnections. Same as PHIL 3160.

## ENGL 3200 Intermediate Creative Writing 3/0/3

Prerequisite: ENGL 2060 or XIDS 2100

An introduction to the genre-specific workshop in either fiction, poetry, creative nonfiction, screenwriting, or play writing. Maybe repeated up to 6 hours as topics vary. No more than 2 courses may be counted toward the major in English.

ENGL 3300 Studies in American Culture 3/0/3

Prerequisite: HIST 2111 or HIST 2112 and ENGL 2130

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 readings of significant works that have shaped it. Required for the minor in Africana studies. Same as HIST 3350.

ENGL 3400 Pedagogy and Writing 3/0/3

This class serves as a 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 experiences in both college classrooms and the University Writing Center

ENGL 3405 Professional and Technical Writing 3/0/3

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

An intensive 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

This course will emphasize 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

ENGL 4109 Film as Literature 3/0/3

An examination of films as texts through historical, aesthetic, thematic, and/or cultural questioning and analysis. Typical 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**

A topic-centered 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 in-depth analysis 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 in-depth 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 in-depth 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 Studies in 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 with a minimum grade of C or ENG 306 with a minimum grade of Cand ENGL 2060

An intensive writing experience 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 3/1/4

Prerequisite: ENGL 1101 with a minimum grade of C and ENGL 1102 with a minimum grade of C and ENGL 2300 with a minimum grade of C and FE and TE

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 foundation 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 0/0/9

Prerequisite: TE and FE

This 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

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. Cross-listed with SEED 4295. Only counts toward the major in English for students seeking teacher certification.

ENGL 4300 Studies In English Language 3/0/3

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

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, Comparative Literature, etc. May be repeated for credit as topic varies.

ENGL 4381 Independent Study 0/1.0 - 3.0/1.0 - 3.0

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 of 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

Prerequisite: ENGL 3000

A capstone seminar designed to integrate students' learning in the discipline. Required for the English major. 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. Typical 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 0/3/3

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.

## 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

Elements of statics in one, two, and three dimensions, centroids, analysis of structures and machines, friction.

ENGR 3123 Dynamics 3/0/3

The kinematics and kinetics of particles and extended rigid bodies moving in a plane.

ENGR 3133 Mechanics of Deformable Bodies 3/0/3

Definition and analysis of stress and strain, applications to axially loaded elements, torsion of circular shafts and beam bending, plasticity, column stability.

ENGR 3810 Chemical Process Principles 3/0/3

An introductory engineering approach to material and energy balance for physical and chemical processes is developed. Gas behavior, systems of units, material properties, and thermo-physical 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

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.

ENGR 3885 Selected Topics in Chemical Engineering 1.0 - 15.0/0/1.0 - 15.0

On successful completion of this course, the student will be able to understand and apply specific principles of science and engineering to chemical engineering problems.

## Environmental Courses (ENVS)

ENVS 2202 Environmental Science 3/0/3

This course is an interdisciplinary course integrating principles from biology, chemistry, ecology, geology, and non-science disciplines as related to the interactions of humans and their environment. Issues of local, regional, and global concern will be used to help students explain scientific concepts and analyze practical solutions to complex environmental problems. Emphasis is placed on the study of ecosystems, human population growth, energy, pollution, and other environmental issues and important environmental regulations. For more information on this institution's eCore courses, please see <http://www.westga.edu/~ecore/>

ENVS 4886 Internship 0/0/3.0 - 6.0

The Internship provides students an opportunity to gain supervised work experience in an agency in their major area of study. Repeatable up to 6 hours. Requires consent of advisor.

ENVS 4900 Senior Capstone 0/3.0 - 4.0/3.0 - 4.0

Students may elect to complete a laboratory or field research project, an academic service-learning project internship or other research relevant to career objectives. Content of project must focus on issue or problem within the state of Georgia. They will present the results of their projects in a professional conference format.

ENVS 4981 Directed Study 3/0/3

Directed Study affords students an opportunity to pursue work in academic areas that go beyond courses they have already completed or to pursue work in areas where specific courses are not offered.

## Electronic Technology Courses (ETEC)

ETEC 1101 Electronic Technology in the Educational Environment 1.0 - 2.0/0/1.0 - 2.0

Prerequisite: ECOR C or ECCG C

This course is an introduction to using personal computers to communicate with individuals and organizations and to access, store, and analyze information. Emphasis is on exploring the role of technology in present and future learning experiences. Topics include the digital divide, virtual communities, telecommuting, job search and readiness, e-commerce, globalization, privacy versus security, and intellectual property in cyberspace. Students will use their practical technology skills to create word-processed documents, an electronic presentation, and a Web page. Prerequisites: Beginning level skill in Microsoft Word and Microsoft PowerPoint. Exited Learning Support in Reading and English. For more information on this institution's eCore courses, please see <http://www.westga.edu/~ecore/>

## Film Courses (FILM)

*(See the English Program on page 122 for a description of Film Studies Minor)*

FILM 2080 Introduction to the Art of Film 3/0/3

Prerequisite: ENGL 1101

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 and will have

the chance to explore many 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 screening on Monday nights.

FILM 2100 History and Theory of Film 3/0/3

Prerequisite: ENGL 1101 with a minimum grade of C and ENGL 1102 with a minimum grade of C

This course will explore 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 classic Hollywood cinema, the French new wave, recent global cinemas, as well as alternatives to Hollywood in the United States. Class time will be divided between the discussion of the historical movements and critical texts and the application of those texts to a primary cinematic text. Students will be evaluated on the basis of weekly postings, participation in discussion, essay exams and formal writing opportunities.

FILM 3200 Screenwriting 3/0/3

Prerequisite: ENGL 1101 and ENGL 1102

A study of the genres, structures and mechanics of screenwriting as well as the experience of writing, reading and revising a screenplay.

FILM 4081 Independent Study 0/0/3

Prerequisite: ENGL 1101 with a minimum grade of C and ENGL 1102 with a minimum grade of C

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 of the department chair.

## 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 3511 Corporate Finance 3/0/3

Prerequisite: ACCT 2101 and GPA2 2.00 and COBM 1

Financial functions in the modern corporation with emphasis on its managerial aspects.

FINC 4521 International Finance 3/0/3

Prerequisite: FINC 3511 or FIN 360

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 or FIN 360 with a minimum grade of C and GPA2 2.00 and COBM 1

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: FINC 3511 or FIN 360 and ACCT 2102

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. Problem cases, and directed readings are used extensively.

FINC 4541 Investment Analysis 3/0/3

Prerequisite: FINC 3511 with a minimum grade of C or FIN 360 with a minimum grade of C and GPA2 2.00 and COBM 1

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 or FIN 360 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 or FIN 360

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 course 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 1.0 - 3.0/0/1.0 - 3.0

Practical finance internship experience with a commercial firm or organization for selected upper division students.

## **Foreign Language Courses (FORL)**

FORL 1598 Elementary Arabic I 3/0/3

The purpose of this course is to provide highly motivated students with an opportunity to learn basic speaking skills in Arabic. Grammar and vocabulary study will take place outside the classroom. This self-study will serve as a basis for semi-weekly meetings with the course tutor, a native speaker of Arabic who will direct Arabic-only conversations with the student.

FORL 1599 Elementary Arabic II 3/0/3

The purpose of this course is to provide highly motivated students with an opportunity to learn basic speaking skills in Arabic. Grammar and vocabulary study will take place outside the classroom. This self-study will serve as a basis for semi-weekly meetings with the course tutor, a native speaker of Arabic who will direct Arabic-only conversations with the student.

## FORL 1698 Elementary Chinese I 3/0/3

This is the first of a two-semester program in which the purpose is to provide highly motivated students with the opportunity to learn basic speaking skills in Chinese. The methods utilized conform to the self-instructional format developed by the National Association for Self-Instructional Programs.

## FORL 1699 Elementary Chinese II 3/0/3

Prerequisite: FORL 1698

This is the second of a two-semester program the purpose of which is to provide highly motivated students with the opportunity to continue to develop the basic speaking skills in Chinese that they learned at the FORL 1698 level. The methods utilized conform to the self-instructional format developed by the National Association for Self-Instructional Programs.

## FORL 1798 Elementary Japanese I 3/0/3

This is the first of a two-semester program in which the purpose is to provide highly motivated students with the opportunity to learn basic speaking skills in Japanese. The methods utilized conform to the self-instructional format developed by the National Association for Self-Instructional Programs.

## FORL 1799 Elementary Japanese II 3/0/3

Prerequisite: FORL 1798

This is the second of a two-semester program the purpose of which is to provide highly motivated students with the opportunity to continue to develop the basic speaking skills in Japanese that they learned at the FORL 1798 level. The methods utilized conform to the self-instructional format developed by the National Association for Self-Instructional Programs.

## FORL 1898 Elementary Portuguese I 3/0/3

This is the first of a two-semester program in which the purpose is to provide highly motivated students with the opportunity to learn basic speaking skills in Portuguese. The methods utilized conform to the self-instructional format developed by the National association for Self-Instructional Programs.

## FORL 1899 Elementary Portuguese II 3/0/3

Prerequisite: FORL 1898

This is the second of a two-semester program the purpose of which is to provide highly motivated students with the opportunity to continue to develop the basic speaking skills in Portuguese that they learned at the FORL 1898 level. The methods utilized conform to the self-instructional format developed by the National Association for Self-Instructional Programs.

## FORL 2200 Survey of National Literatures 3/0/3

Prerequisite: ENGL 1102 with a minimum grade of C or ENG 102 with a minimum grade of C or Exemption Credit

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, Latin-American countries. All readings are in translation. No knowledge of the foreign languages in question is necessary. Course may be repeated with a different subject.

## FORL 2300 Topics in National Literatures 3/0/3

Prerequisite: ENGL 1102 with a minimum grade of C or ENG 102 with a minimum grade of C or Exemption Credit

Readings from a variety of literary texts drawn from one or more national literatures other than English. The subject will vary, as for example, travel literature, myths/legends, science fiction, drama.

FORL 3111 World Film 3/0/3

Prerequisite: ENGL 1102 with a minimum grade of C

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 American, 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 with a different subject.

FORL 4185 Topics in Language and Literature 3/0/3

Prerequisite: ENGL 1102 with a minimum grade of C

Content of course varies. 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 topic. Possible topics: Language, Society, and Culture; Arab Women in Literature and Film; Applied Linguistics in the Foreign Language Classroom; U.S. Latino Culture and Literature, etc.

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 includes a trip to the area studied.

FORL 4485 Topics in National Film Traditions 3/0/3

Prerequisite: ENGL 1102 with a minimum grade of C

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 American, Japanese, etc. All films have subtitles and all readings are in English. No knowledge of the foreign languages in question is necessary. Course may be repeated with a different subject.

FORL 4501 Foundations of Language Development 3/0/3

This course is 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: TE and FE

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 0/14.0 - 40.0/3.0 - 9.0

Prerequisite: TE and FE

This course consists of teaching in a public school under the supervision of an experienced, qualified classroom teacher. Students whose programs require a 3 hour, 2 semester internship may repeat the course 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 minimum grade of C

Continued listening, speaking, reading and writing in French with further study of the culture of French-speaking regions. Pre-requisite: FREN 1001 with a grade of C or better or two years high school study.

FREN 2001 Intermediate French I 3/0/3

Prerequisite: FREN 1002 with a minimum grade of C or FRE 102 with a minimum grade of C  
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 minimum grade of C or FRE 103 with a minimum grade of C  
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

Prerequisite: FREN 2002 with a minimum grade of C or FRE 104 with a minimum grade of C  
Extensive practice in written and spoken French. Includes grammar review, vocabulary expansion, and composition and conversation practice on contemporary cultural/literary topics. Can be taken three times for credit with different content.

FREN 3210 Topics in French Literature 3/0/3

Prerequisite: FREN 2002 with a minimum grade of C  
An introduction to the analysis of French literature through the study of selected text and authors 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

Prerequisite: FREN 2002 with a minimum grade of C or FRE 104 with a minimum grade of C  
Introduction to contemporary French and Francophone culture through the study of films, popular music, media, newspapers art, and/or television shows.

FREN 3220 Survey of French Literature I 3/0/3

Prerequisite: FREN 2002 with a minimum grade of C  
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 minimum grade of C  
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 minimum grade of C or FRE 104 with a minimum grade of C  
An intensive and extensive study of the principles governing the structure of the French language. As a culmination of series of courses introducing students to oral and written communication, this course teaches students the finer points of grammar and allows them to refine their language skills.

FREN 4000 Advanced French Translation 3/0/3

This course will provide students the opportunity to gain skills translating French to English as well as English to French.

FREN 4150 Advanced Grammar and Linguistics 3/0/3

Prerequisite: FREN 3100  
Intensive study of the principles governing the structures of the French language. In this course students will refine and extend their language skills.

FREN 4210 French Literature and Film 3/0/3

Prerequisite: FREN 3100 with a minimum grade of C or FREN 3210 with a minimum grade of C or FREN 3211 with a minimum grade of C or FREN 3220 with a minimum grade of C or FREN 3221 with a minimum grade of C or FREN 3450 with a minimum grade of C or FREN 3101 with a minimum grade of C or FREN 3102 with a minimum grade of C

A comparative approach to the study of French literature and its cinematic adaptation and/or a thematic approach to selected literary texts and films. course.

FREN 4220 Contemporary French Literature 3/0/3

Prerequisite: FREN 3100 with a minimum grade of C or FREN 3101 with a minimum grade of C or FREN 3202 with a minimum grade of C or FREN 3210 with a minimum grade of C or FREN 3211 with a minimum grade of C or FREN 3220 with a minimum grade of C or FREN 3221 with a minimum grade of C or FREN 3450 with a minimum grade of C

A study of selected works by major French writers of the twentieth century.

FREN 4230 Classical French Drama 3/0/3

Prerequisite: FREN 3100 with a minimum grade of C or FREN 3101 with a minimum grade of C or FREN 3102 with a minimum grade of C or FREN 3210 with a minimum grade of C or FREN 3211 with a minimum grade of C or FREN 3220 with a minimum grade of C or FREN 3221 with a minimum grade of C or FREN 3450 with a minimum grade of C

A study of the major dramatists of the seventeenth century.

FREN 4240 French Poetry 3/0/3

Prerequisite: FREN 3100 with a minimum grade of C or FREN 3101 with a minimum grade of C or FREN 3102 with a minimum grade of C or FREN 3210 with a minimum grade of C or FREN 3211 with a minimum grade of C or FREN 3220 with a minimum grade of C or FREN 3221 with a minimum grade of C or FREN 3450 with a minimum grade of C

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 4310 Francophone Civilization 3/0/3

An introduction to the cultural diversity of the French speaking world through the study of authentic materials from Europe, Africa, Asia, the Caribbean, and Canada.

FREN 4320 French Civilization and Culture 3/0/3

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 1/0/1

Students will prepare a portfolio in which they will assess their linguistic and cultural knowledge acquired in courses already taken and courses taken during the Capstone semester. At least 51% of this course will be on-line. Portfolios will be prepared electronically and consist of a web page. This format will ensure that the student has the ability to use current technology and be able to utilize 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 0/1.0 - 3.0/1.0 - 3.0

Prerequisite: FREN 3101 or FRE 303 and FREN 3102 or FRE 300

Readings, reports, and/or directed study abroad.

## Geography Courses (GEOG)

### GEOG 1013 World Geography 3/0/3

An introduction 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 Physical Geography 3/0/3

An introduction to physical geography, surveying weather, climate, vegetation, soils, landforms, water resources, and their spatial interrelations and distributions.

### 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.

### GEOG 1112L Weather and Climate Laboratory 0/1/1

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, 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.

### GEOG 1113L Landform Geography Laboratory 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

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 to 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 and quantitative 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 development 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 or the world, including Latin America, the Car-

ibbean, Africa, South Asia, and others, where regionalized and national economic development theories, developed in the post World War II era which 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 the human race. The earth is here divided into particular world regions, which are studied in turn. Emphasis is given to the concept of culture and how it interacts in particular geographic regions with history, economics, politics, and demography.

**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. Policies, programs, and global extent of human environmental impact included.

**GEOG 2553 Introduction to GIS and Mapping Sciences 3/0/3**

An introduction to GIS, mapping and geospatial sciences. Topics include introductory GIS, map projections, land partitioning systems, map reading, map analysis, GPS, map making, aerial photography, and remote sensing. This course will guide students to GIS, mapping sciences and emerging geospatial technologies.

**GEOG 3010 Rethinking Geopolitics 3/0/3**

This course analyzes the field of contemporary geopolitical theory and the new 'critical geopolitics'. Beginning with an exploration of geopolitics in the 19th century, the course identifies the way in which strategic worldviews have influenced geographical thinking at all levels. Contemporary critical geopolitics--classic political, territorial and strategic thought of late 20th century-- is discussed.

**GEOG 3085 Selected Topics in Regional Geography 3/0/3**

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 and hours of credit will be supplied at the time of offering.

**GEOG 3253 Economic Geography 3/0/3**

A study of the economy and its geographical structures and patterns. Introduces and critiques theories of location and economic landscapes and processes and develops a conceptual framework of the economy that encompasses the constitutive roles of spatial relations and nature-society relationships. and structural relationships among economic activities. Same as ECON 3425.

**GEOG 3300 Population Geography 3/0/3**

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 3405 Geographies of Sustainability 3/0/3**

A study of the inherent geographical challenges and possible solutions to a global economic system that is quickly depleting scarce resources while causing rapid environmental strain.

**GEOG 3563 Remote Sensing and GIS Integration 4/0/4**

This course introduces the principles of remote sensing and explores the practical integration of remote sensing with geographic information systems.

**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**

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 and GEOG 1112L

A study of weather and climate, including atmospheric properties and processes, and atmospheric influences on Earth's surface environment, at a variety of spatial and time-scales.

**GEOG 3723 Physiography of United States 3/0/3**

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**

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 evolution as it relates to Quaternary migration and distribution, North American biomes, disturbance ecology, invasive species, environmental stewardship, climate change, and field methods.

**GEOG 3900 Ecological Climatology 3/0/3**

Prerequisite: GEOG 1112 and GEOL 1112L and GEOL 1113 and GEOL 1113L

Ecology and Climatology are two vastly different disciplines. Ecology is concerned with the interactions of organisms with their environments and Climatology is the study of the long-term physical state of the atmosphere. These two disciplines were not combined until the advent of global climate models in the 1970s. Ecological climatology is the interdisciplinary framework used to understand the functioning of the terrestrial ecosystems as part of the climate system. Specifically, how do changes in land cover influence short-term and long-term weather patterns.

**GEOG 4013 Globalization 3/0/3**

Prerequisite: GEOG 1013

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 0/3/3**

**GEOG 4084 Senior Seminar: Why Geography Matters 3/0/3**

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 0/3/3**

**GEOG 4103 Geography of Soils and Water 3/0/3**

A survey of water and soil resources including process formation and the distributional characteristics of water features and soil types.

**GEOG 4253 Seminar in Economic Geography 3/0/3**

Prerequisite: GEOG 3253

Study of advanced topics in economic geography. Specific titles will be announced for semester offered and will be entered on transcripts. May be repeated for additional credit as topics change.

**GEOG 4400 Energy and Sustainability 3/0/3**

This course will focus on the links between energy use and environmental degradation. Physical processes and social dynamics will be considered in order to understand the complex issues of energy production, demand, and consumption. In this class students will practice expressing informed opinions about current environmental energy debates, examine the social aspects of energy issues, and consider alternative energy futures.

**GEOG 4403 Water Resources Planning 3/0/3**

An introduction to the evolution and current practice of water resources management in the United States. Emphasis on principles of multiple objective resource evaluation and project design.

**GEOG 4500 Moral Geographies 3/0/3**

A study of the intersection between ethics and geography. This course takes up issues such as the geographical conditioning of norms and values, the geographical dimensions of responsibility, and the ethical dilemmas involved in our current social geography. As will be revealed in the course, many of the issues covered in human geography, from globalization and border making to migration and environmental degradation, are linked to deeply seated, yet contested norms.

**GEOG 4503 Culture, Space, and Place 3/0/3**

Prerequisite: GEOG 2503

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 System 4/0/4**

Prerequisite: GEOG 2553

An introduction to the use of Geographic Information Systems, including GIS theory, data input, spatial analysis, and final output.

**GEOG 4554 Computer Cartography 4/0/4**

Prerequisite: GEOG 4553

Computer-assisted map design and production.

**GEOG 4562 Airphoto Interpretation and Photogrammetry 4/0/4**

Prerequisite: GEOG 2553

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 Contemporary Remote Sensing Applications 4/0/4**

Prerequisite: GEOG 2553

This course applies remote sensing techniques to contemporary topics like image classification, LiDAR, natural resources, urbanization, water, or climate. Students will learn how to process remote sensing data and will develop remote sensing application projects.

**GEOG 4643 Seminar in Urban Geography 3/0/3**

Prerequisite: GEOG 3643 or GEOG 3644 or SOCI 4333

Study of advanced topics in urban geography. Specific titles will be announced for semester offered and will be entered on transcripts. May be repeated for additional credit as topics change.

**GEOG 4700 Global Environmental Change 3/0/3**

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 Contemporary GIS Applications 4/0/4**

Prerequisite: GEOG 2553

This course focuses on principles, methods, and applications of GIS technologies. It emphasizes hands-on opportunities to learn technical skills and best practices. Students will learn how to process different types of GIS data and will develop an individual project to design, implement and run GIS models.

**GEOG 4755 GIS Database Design 4/0/4**

Prerequisite: GEOG 4553

This is an advanced course in GIS databases and enterprise GIS database implementation. It is focused on the creation and administration of GIS databases. It introduces the concepts of database structure and the integration of spatial and attribute data. Topics include metadata creation, database development, querying, and administration. This class includes lectures, lab assignments, exams, and student-directed projects.

**GEOG 4757 Programming and Customization in GIS 4/0/4**

Prerequisite: GEOG 4553

This is an advanced course in GIS focusing on application development and customization. Programming languages are used to develop GIS applications. In this course students will gain a solid understanding of the fundamentals of customization and programming in a GIS environment. Programming languages supporting GIS applications such as VBA and Python will be introduced. This class includes lectures, lab assignments, exams, and student-directed projects.

**GEOG 4800 Advanced Topics in Biogeography 3/0/3**

Prerequisite: GEOG 3800

An integrative course that examines concepts and knowledge from physical geography, geology, ecology, anthropology and evolutionary biology. This course will cover advanced topics on the origin and dispersal of plants and animals, biotic communities, ecological relationships and the impact of human activity on the biosphere.

GEOG 4893 Practicum in GIS 4/0/4

Prerequisite: GEOG 4553 and GEOG 3563 and GEOG 4554

This is an applied practicum that fosters effective use of GIS. Students who successfully complete the course are able to create, manipulate, and manage geographic data to perform analysis tasks, to visualize geographic data, and to use geographic data analyses to support decision making. This course is designed to equip students with skills needed in the geospatial field.

GEOG 4900 Dendrochronology 3/2/4

Prerequisite: GEOG 1112 and GEOG 1113

Dendrochronology is one of the most versatile disciplines in the physical and cultural sciences. The science uses tree rings that are dated to their exact year of formation to analyze the temporal and spatial patterns of processes in the physical and cultural sciences. The science takes advantage of the fact that trees are nature's ultimate environmental monitoring stations. They are immobile, they assimilate events in the environment, they have their own special language, and they can't lie although sometimes they make searching for the truth quite challenging. In this course, you'll learn how to read the language of trees and how to use this information to learn about past and present environmental processes that may shed light on your particular research questions.

## Geology Courses (GEOL)

GEOL 1011K Introductory Geosciences I 3/1/4

Prerequisite: ECOR C or ECCG C

This course covers Earth materials and processes. For more information on this institution's eCore courses, please see <http://www.westga.edu/~ecore/>

GEOL 1121 Introductory Geosciences I: Physical Geology 3/0/3

Acquaints students with geological concepts, processes, and earth materials and their effects on mankind and the environment. Topics include rocks and minerals, volcanoes, earthquakes, rivers, glaciers and the dynamic forces that move continents, build mountains, and create ocean basins.

GEOL 1121L Physical Geology Laboratory 0/2/1

Laboratory exercises to supplement lectures of GEOL 1121.

GEOL 1122 Introductory Geosciences II: Historical Geology 3/0/3

Application of modern geological and biological concepts to interpret earth history. Acquaints students with fossil evidence for tracing the origin and evolution of life. Emphasis 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 earth's atmosphere and life.

GEOL 1122L Historical Geology Laboratory 0/2/1

Laboratory exercises to supplement lectures of GEOL 1122.

GEOL 1123 Environmental Observations 3/0/3

Trains students in the protocols required for certification to participate in the Global Learning and Observation to Benefit the Environment GLOBE Program.

GEOL 1123L Environmental Observations Laboratory 0/2/1

Laboratory exercises to supplement lectures of GEOL 1123.

GEOL 2002 Applied Computing for Geosciences 1/2/2

Prerequisite: MATH 1112 or MATH 1113

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, spreadsheet and database programs as well as mapping and drafting programs commonly used in the sciences.

GEOL 2313 Descriptive Astronomy 3/0/3

A survey of sky awareness, historical development of astronomy, the solar system, stars, nebulae, galaxies.

GEOL 2313L Descriptive Astronomy Laboratory 0/2/1

An experimental introduction to the elementary tools of astronomy.

GEOL 2503 Introduction to Oceanography 3/0/3

Introduces science and non-science majors to the biological, chemical, physical, and geological features of the oceans. Acquaints students with the topography and geologic history of the oceans, sea-floor spreading, plate tectonics, atmosphere/ocean interaction current movements, and ocean biology and chemistry. The course also will discuss sources of food, energy, mineral resources, as well as environmental issues affecting the sea. Satisfies Area D1 Core Requirements.

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.

GEOL 3003 Field Methods 3/0/3

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 3004 Field Geology and Geologic Mapping 3/2/4

Prerequisite: GEOL 1121 and GEOL 1121L and MATH 1113

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

The origin and physical properties of the more common minerals and their crystal forms. Megascopic recognition of specimens, their mineral associations, and a brief introduction to modern x-ray diffraction.

GEOL 3024 Igneous and Metamorphic Petrology 2/4/4

Prerequisite: GEOL 3014 and 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 3004 and GEOL 3014 and GEOL 3024 and GEOL 3053

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 and GEOL 1121L

Students will be introduced to the Polarizing microscope and to the techniques for the identification of minerals in thin section.

GEOL 3043 Optic Mineralogy and Petrography 1/4/3

Course will introduce students to the theory and practice of optical mineralogy and petrography; the systemation study of non opaque rocks and minerals under the microscope.

GEOL 3053 Sedimentary Petrology 2/2/3

Prerequisite: GEOL 3014 and GEOL 3042

The description, classification and interpretation of sedimentary rocks. Using observations from modern sediments, and 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 GEOG 1113

The interaction between human activity and geologic processes. Included are natural hazards such as earthquakes, landslides, volcanoes, and flooding, human induced problems such as groundwater pollution, 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 3825 Research Methods 3/0/3

Specially designed to meet the needs of future teachers, students design and carry out four independent inquiries, which they write up and present in the manner that is common in the scientific community. Course is restricted to UTeach students.

GEOL 4003 Geomorphology 2/2/3

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 and GEOL 1121L and CHEM 1211

Chemical realms of the earth and geologic materials, chemistry of geologic processes, geochemical cycles, and special topics.

GEOL 4024 Paleontology 3/2/4

Prerequisite: GEOL 1122 or BIOL 1107

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

Examines the various ways to constrain time in the geologic record, within the context of local, regional, and global change. 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 4034 Sedimentation and Stratigraphy 3/2/4

Prerequisite: GEOL 1121 and GEOL 1121L

Course illustrates how observations from sediments and sedimentary rocks in the field and laboratory can be used to identify formative processes and depositional environments. This methodology is central to the analysis of depositional basins and to an understanding of the geologic time scale.

GEOL 4044 Engineering Geology 3/2/4

Prerequisite: GEOL 3004

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 and GEOL 3034

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.

GEOL 4074 Regional Applications of Field Geology 0/8/4

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 0/1.0 - 3.0/1.0 - 3.0

Detailed assignments in specific areas of geology. Satisfies deficiencies or permits in-depth pursuit of the student's research in particular geological topics. Title to be supplied at the time of offering.

GEOL 4083 Environmental Geochemistry 3/0/3

Prerequisite: GEOL 1121 and CHEM 1211

The geochemistry of the earth's lithosphere, biosphere, hydrosphere, and atmosphere and the human modifications to these systems that cause environmental problems. Special topics include acid rain, greenhouse effect, toxic trace elements, landfills, energy usage and radon.

GEOL 4084 Hydrogeology 3/2/4

Prerequisite: GEOL 1121 and MATH 1113

An investigation of groundwater and the earth's hydrologic cycle. Examines the physical aspects of groundwater occurrence and movement, and provides an introduction to contaminant transport and chemical hydrogeology. Lab exercises will acquaint students with hydrogeology field methods and equipment.

GEOL 4093 Risk Assessment 3/0/3

A multidisciplinary investigation into the major societal issue of increasing impacts of natural hazards. Examines property damage and loss of life caused by geologic hazards (earthquakes, landslides, volcanoes, meteorological hazards hurricanes, tornadoes, floods) and others (fires, technological hazards, biohazards). A major focus will be on social science issue of planning, politics, economics and their control on management of high hazard areas, vulnerability assessments, and mitigation.

GEOL 4103 Dinosaurs! 3/0/3

A multidisciplinary 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: GEOL 1121

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 history. The geologic history of Georgia's geologic provinces is explored. Topics include coastal hazards, water in Georgia, landforms and mineral resources of Georgia.

**GEOL 4501 Geology Seminar 1/0/1**

A program of study, discussion, readings and presentations concerning the significant interrelationships of a wide variety of basic geological concepts. Topics may also include career paths, licensing and other matters concerning the profession of Geology. Advanced geology students, faculty, and outside speakers interact within a seminar framework designed to increase the geological maturity of the students.

**GEOL 4604 Economic Geology**

Introduction to geology and economics of non-energy mineral resources. Emphasis placed on the descriptive geology and origin of economic mineral concentrations within the context of their overall geologic settings. Lab exercises will involve identification and characterization of representative ore suites from important mineral deposits. Students will complete a research project on exploring for or developing a major ore deposit or mineral/rock resource. A fieldtrip is anticipated to examine the geology, exploration methodology, development, and permitting issues related to mineral/rock production. Students will also prepare for and take the National Association of State Boards of Geology, Fundamentals of Geology (FG) professional licensing exam.

**GEOL 4985 Selected Topics in Geology 3.0 - 4.0/0/3.0 - 4.0**

Title and description of course to be specified at time of offering. May be repeated for credit.

## **Global Studies Courses (GLOB)**

**GLOB 4000 Capstone Seminar 3/0/3**

This Capstone seminar is designed to integrate the various experiences of students in their interdisciplinary endeavors. Specific aspects of globalization will be examined at an advanced level.

**GLOB 4186 Internship in Global Studies 0/1.0 - 9.0/1.0 - 9.0**

Prerequisite: XIDS 2301

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 0/0/1.0 - 3.0**

Prerequisite: XIDS 2301

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 subfield of global studies 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.

## 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. Institutional option: 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 minimum grade of C

The second part of an introduction to the German language and 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. Aspects of everyday life in the German-speaking world will also be introduced. Institutional Option: Work with other media audio, video, and/or computer outside of class is required.

GRMN 2001 Intermediate German I 3/0/3

Prerequisite: GRMN 1002 with a minimum grade of C or GER 102 with a minimum grade of C

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 minimum grade of C or GER 103 with a minimum grade of C

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 2002 or GER 104

Intensive practice of spoken German with emphasis on the expansion of vocabulary, idiom, and cultural awareness as well as enhanced skill in pronunciation and expression.

GRMN 3102 German Composition 3/0/3

Prerequisite: GRMN 2002 or GER 104

Acquisition of organizational and writing skills through grammar review and expansion, vocabulary enhancement, and compositions based on contemporary and cultural topics.

GRMN 3450 German for Careers 3/0/3

Prerequisite: GRMN 2002 or GER 104

A variable content course with emphasis on the vocabularies and culture of economics/business or the social sciences.

GRMN 3986 Total Immersion in German 1.0 - 3.0/0/1.0 - 3.0

Participants in this course will agree to speak only German for a specified amount of time, from 48 hours to three weeks. Students are required to participate in organized events and activities including films, tasks such as cooking or clean-up, discussion, and games, all facilitating student communication in German. Some quiet study and reading periods will allow consolidation of vocabulary gains and help relieve stress, a natural and necessary component of total immersion. The total immersion experience is highly intense and sometimes uncomfortable, but often produces remarkable results in terms of increased fluency.

GRMN 4170 Advanced Language Skills 3/0/3

Prerequisite: GRMN 3101 or GRMN 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

Variable content ranging from 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 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 through the depictions and interpretations of aspects of social history in German film and painting. Discussions and papers will be in German. Students may not receive credit for GRMN 4220 and the XIDS 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 understandings of 'kafkaesque', that most fashionable of adjectives. Discussion, papers and readings will be in German. Students may not receive credit for GRMN 4230 and the XIDS course of the same title.

GRMN 4240 Mystery and Horror in German Literature and Film 3/0/3

Prerequisite: GRMN 2002

This course traces the mystery and horror genres from their 'beginnings' in German Romanticism through early German film including emigres to Hollywood and Hitchcock, who was schooled in Germany to New German Film of the 70's and 80's Discussion, readings and paper will be in German. Students may not receive credit for GRMN 4240 and XIDS course of the same title.

GRMN 4250 Contemporary German Cinema 3/0/3

Prerequisite: GRMN 2002

German cinema has changed radically in the past twenty years moving more and more toward Hollywood styles, big budgets, Hollywood ideologies. We will trace this change in German cinema from the days of the New German Cinema and its highly intellectual and artistic goals Fassbinder, Wenders, Herzog, von Trotta, Schlöndorff to today's much more co-opted German film industry Tykwer, Farberbock, Peterson, Kraume, and Ruzowitzsky.

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

Taught in English. Recommended for students minoring in German, but does not count in the minor.

**GRMN 4484 Senior Capstone 1/0/1**

Students prepare individual electronic portfolios in which they assess their linguistic and cultural knowledge. Students will be required to pass an oral proficiency interview.

**GRMN 4501 Foreign Language Teaching in Elementary Schools 3/0/3**

Prerequisite: EDF 201 or EDFD 2303 and CEP 270 or CEPD 2102

This course is designed for students seeking a degree in Foreign Language Education. The objective is to prepare qualified foreign language teachers for elementary school. This course treats the principles of foreign language methodology applied to elementary school teaching, and includes class observations, planning of instruction, and field experience.

**GRMN 4502 Methods of Foreign Language Teaching 3/0/3**

Prerequisite: EDF 201 or EDFD 2303 and CEP 270 or CEPD 2102

A course designed for students to develop skills and strategies in teaching and in planning foreign language instruction at the secondary level.

**GRMN 4785 Special Topics in German 0.0 - 3.0/0.0 - 3.0/1.0 - 3.0**

Readings, reports, and/or directed study abroad.

**GRMN 4986 Internship in Germany 0/1.0 - 5.0/1.0 - 5.0**

Prerequisite: GRMN 1002

In addition to working in a German company in Germany, students must at least furnish a long written report on the work experiences. Additional requirements are added for each additional hour of credit. May be repeated up to two times for a maximum of 5 hours credit. The grade is based upon the quality of the written products and on an interview with the returning student.

## History Courses (HIST)

**HIST 1111 Survey of World History/Civilization I 3/0/3**

A survey of global history to 1500. This course examines ancient and medieval civilizations to deepen understanding of the political, social, economic, and cultural dimensions of World history. Emphasis is given to comparative themes, the study of causal relationships and patterns of change and continuity over time; and the social significance of ethnicity, gender, race, and class in historical events and study.

**HIST 1112 Survey of World History/Civilization II 3/0/3**

A survey of global history from 1500 to the present. Beginning with European oceanic expansion and the emergence of a global network of exchange, this course examines the impact of major technologies, economic systems, political ideologies, and cultural traditions that unite and divide the human community. Emphasis is given to the study of causal relationships and patterns of change and continuity over time, as well as the social significance of ethnicity, gender, race, and class in historical events and study.

**HIST 2111 U S History I to 1865 3/0/3**

Explores the major themes and issues in American history from early settlement through the end of the American Civil War. Emphasizes the political, social, economic, and cultural dimensions of United States history; causal relationships and patterns of change and continuity over time; and the significance of ethnicity, gender, race, and class in historical events.

**HIST 2112 U S History II since 1865 3/0/3**

Explores the major themes and issues in American history from the end of the American Civil War to the present. Emphasizes the political, social, economic, and cultural dimensions of United States history; causal relationships and patterns of change and continuity over time; and the significance of ethnicity, gender, race, and class in historical events.

HIST 2302 The Historian's Craft: Methodology 3/0/3

Examination of history as a discipline and as a craft, concentrating on the research and interpretive skills used by historians. Should be taken in the second year of the history major's degree program.

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.

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, Near East and North Africa, 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, and 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 Africa through the Era of the Slave Trade 3/0/3

Selected themes in Pre-colonial African history: foundations of human settlement, the impact of religions, trade, state formation. The course will cover various regional developments from antiquity to the eve of European conquest.

HIST 3321 Western Europe in 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 development 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 3500 Junior Historiography Seminar 3/0/3**

Prerequisite: HIST 2302

This course aims to prepare students for Senior Seminar by focusing on analysis of historiographical debate and by guiding students in developing a prospectus for their own future research. Topics vary with instructors. This course is writing-intensive. Prerequisite: HIST 2302 Methodology 3 credits

**HIST 4010 Teaching Methods for History 3/0/3**

Prerequisite: HIST 1111 and HIST 1112 and HIST 2111 and HIST 2112 and HIST 2302

This course is intended to introduce students to the practice of teaching history. It is designed to help students succeed as history educators. We will focus on developing the skills necessary to teach history effectively by incorporating the latest scholarship with the newest technological innovations and pedagogical strategies. We will also work with primary sources, identifying exceptional sources and developing strategies for students to engage these sources. This course will devote special attention to developing teaching strategies for students enrolled in middle grades 6-8 and high school 9-12. Students will also learn to use the Georgia and National Performance Standards Common Core to develop history curriculum.

**HIST 4209 Greek and Roman Warfare 3/0/3**

This course surveys the main developments in the mechanics of Greek and Roman warfare weapons, strategy, and tactics from the Mycenaean period to the Byzantine Empire. At the same time, attention will be paid to the function of warfare in society, and its impact on political and social history.

**HIST 4210 Pagans and Christians in Late Antiquity 3/0/3**

This course considers the history of the interactions between Christians and the adherents of other religions in the Roman Empire from the 30's AD to the early fifth century AD.

**HIST 4230 War, State, and Society in Early Modern Europe 3/0/3**

Prerequisite: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

An exploration of the relationship between military, social, and political factors in Europe from the 1400s to the end of the 1700s.

HIST 4250 The First World War 3/0/3

Prerequisite: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

Examines the political, economic, social, cultural, and military history of what George Kennan called the seminal catastrophe of the twentieth century.

HIST 4251 The Second World War 3/0/3

Prerequisite: HIST 1112

HIST 4251/5251 The Second World War This course explores the Second World War, focusing primarily on the history of the military campaigns in Europe and the Pacific. It also examines topics such as the economic sinews of war, civil-military relations, technology and warfare, wartime diplomacy, and war and atrocity.

HIST 4285 Special Topics in European History 3/0/3

Courses on European history topics not usually offered by the department.

HIST 4385 Special Topics in World History 3/0/3

Courses on topics in world history not usually offered by the department.

HIST 4400 Introduction to Public History 3/0/3

Prerequisite: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

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: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

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: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

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: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

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: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

A survey of American architecture in its social and cultural context from colonial America through the present, with a particular focus on how to analyze and document historic buildings.

HIST 4411 European Renaissance in Global Perspective 3/0/3

Prerequisite: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

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: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

The development of the Roman Catholic and Protestant Christian traditions, seen within the context of 16th century Europe.

## HIST 4413 The Atlantic World 1450-1800 3/0/3

Prerequisite: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

A transnational perspective emphasizing connections between Europe, Africa, and the Americas from the period of European maritime exploration to the age of revolution. Topics include the expansion of empires and mercantile capitalism, slavery and the trans-Atlantic slave trade, and interactions between Europeans, Africans and Native Americans.

## HIST 4417 19th Century Europe, 1789-1914 3/0/3

Prerequisite: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

Study of European, social, cultural and political history from 1789 to 1914, with particular emphasis on how different cultures and classes understood Europe's lurch into modernity.

Prerequisites: 3 credits global history; 3 credits U.S. history; or permission.

## HIST 4418 20th Century Europe 3/0/3

Prerequisite: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

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: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

A political and social survey of the origins of the Cold War, its development and conclusion.

## HIST 4420 The Holocaust 3/0/3

Prerequisite: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

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: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

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 4422 U.S. and Latin American Relations 3/0/3

Prerequisite: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

An introduction to the history of relations between Latin America and the United States from 1783 to the present, focusing on the political, economic and social interaction between Americans and Latin Americans.

## HIST 4423 Women and Gender in the Ancient World 3/0/3

Prerequisite: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

This course aims to introduce students to the roles of women of all social classes in different periods of Ancient Greece and Rome, as well as the problems of studying women's history in the Greco-Roman world. The course will combine a chronological approach with the thematic one, as each week will focus on women's roles and participation in a specific period and/or sphere of activity, such as religion, politics, the dramatic stage, the family and household, and law.

## HIST 4424 Conflict and Interdependence in South Africa 3/0/3

Prerequisite: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

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: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

An examination of the historical background, events, and impact of the Vietnam War.

HIST 4432 The Roman Republic 3/0/3

Prerequisite: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

This course combines a chronological approach with a thematic one, in order to address such topics as evolution of the government system, social conflict, religion, the Roman family, and the Roman army over the course of the Roman Republic from the expulsion of the kings to the assassination of Julius Caesar.

HIST 4433 Introduction to Modern China 3/0/3

Prerequisite: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

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: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

Europe from 1789-1815, with particular emphasis upon France. A study of the French Revolution as the classic model from modern revolutions.

HIST 4437 France Since 1815 3/0/3

Prerequisite: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

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: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

A political and social study of Germany since unification with heavy emphasis on the 20th century 1871-Present.

HIST 4441 Modern Ireland, 1780 to Present 3/0/3

Prerequisite: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

A political, 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: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

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: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

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: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

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: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

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 American Republic, 1783-1815 3/0/3

Prerequisite: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

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: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

American history from the end of the War of 1812 to the Mexican War, with emphasis on politics and society. Western expansion also will be emphasized.

HIST 4455 Civil War and Reconstruction: 1848-1877 3/0/3

Prerequisite: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

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: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

A study of American understanding of ecology, wilderness, resource usage, conservation, agriculture, technology, and natural hazards from colonial times to the present.

HIST 4463 American Military History 3/0/3

Prerequisite: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

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: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

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 influences American society.

HIST 4465 US Society and Culture to 1865 3/0/3

Prerequisite: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

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: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

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: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

An examination of the diverse experiences of women and their impact on American History up to 1877.

HIST 4468 Women in American History Since 1890 3/0/3

Prerequisite: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

An examination of the diverse experiences of women and their impact on the history of the United States since 1877.

HIST 4469 The Civil Rights Movement 3/0/3

Prerequisite: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

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: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

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: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

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: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

Explores the social, political, cultural, economic, and diplomatic history of the U.S. in the second half or the twentieth century.

HIST 4474 History of Georgia 3/0/3

Prerequisite: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

A survey of Georgia history from prehistory to the present, emphasizing politics and society.

HIST 4475 Southern Families and Communities 3/0/3

Prerequisite: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

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: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

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: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

A study of the American South since 1865, including the interaction of economic, political, social, and cultural factors, especially in the context of struggles in rural and urban communities and in the textile industry.

HIST 4478 American Religion to 1800 3/0/3

Prerequisite: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

A study of the history of American religious beliefs, practices, and influences on American society, from its colonial settlement to 1800.

HIST 4479 American Religion Since 1800 3/0/3

Prerequisite: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

A study of the history of American religious beliefs and practices, and religion's influence on American society, from 1800 to the present.

HIST 4481 Independent Study 0/1.0 - 3.0/1.0 - 3.0

Prerequisite: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

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 3302 or HIST 2302

A thematic and capstone course to integrate the student's 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: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

Courses on topics not usually offered by the department.

HIST 4486 Public History Internship 0/6.0 - 12.0/3.0 - 6.0

Prerequisite: HIST 1111 or HIST 1112 and HIST 2111 or HIST 2112

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 Courses (ISCI)**

ISCI 2001 Life and Earth Science 2/2/3

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 or Early Childhood Education.

ISCI 2002 Physical Science 2/2/3

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.

## **Library Instruction courses (LIBR)**

LIBR 1101 Academic Research and The Library 2/0/2

This course is an introduction to academic research and the efficient and effective use of the library and information resources and technology, using an academic library as a laboratory setting for hands-on experience in the scholarly communication process.

## **Mathematics Courses (MATH)**

MATH 97 Beginning Algebra 3/0/3

This is a three 3 hour non-credit course in the fundamentals of arithmetic and elementary algebra. It is designed to prepare students who have deficiencies for MATH 0099 and it does not carry credit for graduation. Topics include arithmetic, geometry, real numbers, polynomials, linear equations in one variable, inequalities, factoring, and linear equations in two variables.

MATH 99 Intermediate Algebra 3/0/3

This course is a three 3 hour noncredit course that does not carry credit for graduation. 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.

**MATH 1001 Quantitative Skills and 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 1101 Introduction to Mathematical Modeling 3/0/3**

This course is an introduction to mathematical modeling using graphical, numerical, symbolic, and verbal techniques to describe and explore real-world data and phenomena. Emphasis is on the use of elementary functions to investigate and analyze applied problems and questions, supported by the use of appropriate technology, and on effective communications of quantitative concepts and results. For more information on this institution's eCore courses, please see <http://www.westga.edu/~ecore/>

**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 and their graphs. This includes linear, quadratic, piece-wise defined, inequalities, rational, polynomial, exponential, and logarithmic functions. Appropriate applications will be included. For more information on this institution's eCore courses, please see <http://www.westga.edu/~ecore/>

**MATH 1113 Precalculus 3.0 - 4.0/0/3.0 - 4.0**

Prerequisite: MATH 1111 or S02 500 or A02 20

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 and trigonometry. Prerequisites: Math 1101- Mathematical Modeling or Math 1111 - College Algebra. For more information on this institution's eCore courses, please see <http://www.westga.edu/~ecore/>

**MATH 1401 Introduction to Statistics 3/0/3**

Prerequisite: MATH 1111 with a minimum grade of C or MATH 1101 with a minimum grade of C or MATH 1113 with a minimum grade of C or MAT 151 with a minimum grade of C or MATH 1113

The course is a course in basic statistics. Topics include descriptive statistics, probability, distributions, hypothesis testing, inferences, correlation, and regression. For more information on this institution's eCore courses, please see <http://www.westga.edu/~ecore/>

**MATH 1413 Survey of Calculus 3/0/3**

Prerequisite: MATH 1113 with a minimum grade of C or MATH 1111 with a minimum grade of C or MAT 151 with a minimum grade of C

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.

**MATH 1501 Calculus I 4/0/4**

Prerequisite: ECOR C or ECCG C and MATH 1113 and MATH 1113

Topics to include functions, limits, continuity, the derivative, anti-differentiation, the definite integral, and applications. For more information on this institution's eCore courses, please see <http://www.westga.edu/~ecore/>

**MATH 1634 Calculus I 4/0/4**

Prerequisite: MATH 1112 with a minimum grade of C or MATH 1113 with a minimum grade of C

The first of a three-course sequence in calculus. Limits, applications of derivatives to problems in geometry and the sciences physical and behavioral. Problems which lead to anti-derivatives.

MATH 2008 Foundations of Numbers and Operations 3/0/3

Prerequisite: MATH 1111 with a minimum grade of C or MATH 1113 with a minimum grade of C or MATH 1001 with a minimum grade of C or MATH 1101 with a minimum grade of C  
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 numbers 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 with a minimum grade of C or MATH 1113 with a minimum grade of C

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 the 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 with a minimum grade of C or MATH 1001 with a minimum grade of C or MATH 1111 with a minimum grade of C or MAT 151 with a minimum grade of C or MAT 150 with a minimum grade of C or MATH 1113 with a minimum grade of C or MATH 1634 with a minimum grade of C

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 or statistics. variance will be covered. AppropriaTEchnology, a graphing calculator or statistical software package, will be used.

MATH 2644 Calculus II 4/0/4

Prerequisite: MATH 1634 with a minimum grade of C or MAT 262 with a minimum grade of C or MATH 1501 with a minimum grade of C

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 minimum grade of C

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 or MATH 1501

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 minimum grade of C

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 with a minimum grade of C or MATH 1113 with a minimum grade of C or MATH 151 with a minimum grade of C or MATH 1634 with a minimum grade of C or MATH 1634

A non-calculus based introductory statistics course in which descriptive statistics, probability, discrete and continuous distributions, hypothesis 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.

MATH 3243 Advanced Calculus 3/0/3

Prerequisite: MATH 3003

A rigorous introduction to the fundamental concepts of single-variable calculus. Topics included the real numbers, limits, continuity, uniform continuity, differentiation, integration, and sequences and series.

MATH 3303 Ordinary Differential Equations 3/0/3

Prerequisite: MATH 2644 with a minimum grade of C

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. 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.

MATH 3703 Geometry for P-8 Teachers 3/0/3

Prerequisite: TE and MATH 2008 with a minimum grade of C or MATH 1634 or MATH 2703 and MATH 2008 with a minimum grade of C

Non-credit for mathematics major or minor. 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. A continuation of MATH 2703.

MATH 3803 Algebra for P-8 Teachers I 3/0/3

Prerequisite: TE and MATH 2008 with a minimum grade of C or MATH 1634 or MATH 2703 or MATH 2703

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. Special emphasis for teachers of grades P-8.

MATH 3825 Research Methods 3/0/3

Specially designed to meet the needs of future teachers, students design and carry out four independent inquiries, which they write up and present in the manner that is common in the scientific community. Course is restricted to UTEACH students.

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 differentiation.

MATH 4043 Number Theory 3/0/3

Prerequisite: MATH 2853 and MATH 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 2644

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 and Normal. The course provides the underlying theory and mathematically derived techniques of Statistics. Hypothesis testing for various parameters and regression are also discussed in this course.

MATH 4213 Mathematical Statistics 3/0/3

Prerequisite: MATH 4203

A continuation of MATH 4203, this course introduces certain discrete and continuous distributions such as the Poisson, Gamma, T and F. The course also provides an introduction to multivariate distributions. Estimation techniques such as the method of moments and maximum likelihood are discussed along with properties such as unbiasedness, efficiency, sufficiency and consistency of estimators.

MATH 4233 College Geometry 3/0/3

Prerequisite: MATH 3003

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 3303

Studies of classical boundary-value problems, including the heat equation, wave equation, and potential equation. Solution methods including characteristics, separation of variables, integral transforms, orthogonal functions, Green's functions, Fourier series.

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 MATH 3003

The first course in a comprehensive, theoretically-oriented, two-course sequence in linear algebra. Topics include 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

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: TE and MATH 2008 with a minimum grade of C or MATH 1634 or MATH 2703

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 2008 and TE

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 2008 and TE

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, 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: ENGL 1102

The development of mathematics from prehistoric times through late 19th century/early 20th century is explored. Emphasis is given to key people, problems, cultural influences for various

historic periods that have shaped what we think of as contemporary mathematics. Prerequisite: Completion of core-level mathematics, ENGL 1102 or consent of instructor.

MATH 4863 Algebra for P-8 Teachers II 3/0/3

Prerequisite: MATH 3803

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

This course will be taught from a variety of statistical topics such as statistical quality control, applied time series, game theory, etc. Prerequisite: Dependent upon course title.

MATH 4983 Senior Project 1/0/1

A faculty-directed independent research project culminating in the writing of a paper and an oral presentation of the results of the project. Prerequisite: Senior standing as a mathematics major.

MATH 4985 Special Topics in Mathematics 0/1.0 - 3.0/1.0 - 3.0

Courses in selected areas upon demand. Titles will be specified at time of offering.

## Media Courses (MEDT)

MEDT 2401 Introduction to Instructional Technology 3/0/3

An introduction to basic instructional technology theories, computer utilization, and selected instructional technologies. Selection and utilization of technology resources will also be addressed. GPA of 2.50 required.

MEDT 3401 Integrating Technology into the Curriculum 3/0/3

Prerequisite: TE and MEDT 2401 with a minimum grade of C or CISM 2201 with a minimum grade of C or CS 1030 with a minimum grade of C or GEOL 2002 with a minimum grade of C or CS 1020 with a minimum grade of C or MEDT EXAM

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. Minimum of 9 hours of upper level major courses.

MEDT 3402 Integrating Technology into the Classroom 2/0/2

Prerequisite: TE and MEDT 2401 with a minimum grade of C or CISM 2201 with a minimum grade of C or CS 1030 with a minimum grade of C or GEOL 2002 with a minimum grade of C or CS 1020 with a minimum grade of C or MEDT EXAM

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.

## Middle Grades Education Courses (MGED)

MGED 4261 Methods for Integrating Language Arts and Social Studies 2/0/2

Prerequisite: TE and FE

This course includes exploration of techniques and strategies for the effective teaching and integration of language arts and social studies; investigation of current issues, practices, materials, and curriculum development appropriate for teaching/learning in the middle grades.

MGED 4261L Methods for Integrating Language Arts and Social Studies Laboratory 0/2/1

Prerequisite: TE and FE

This course consists of the field experience that accompanies MGED 4261. Must be taken concurrently with MGED 4261.

MGED 4264 Methods for Integrating Science and Math 2/0/2

Prerequisite: TE and FE

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.

MGED 4264L Methods for Integrating Science and Math Laboratory 0/2/1

Prerequisite: TE and FE

This course consists of the field experience that accompanies MGED 4264. Must be taken concurrently with MGED 4264.

MGED 4265 Instructional Design and Classroom Management in the Middle School 2/0/2

Prerequisite: TE and FE

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. Admission to Teacher Education required.

MGED 4265L Instructional Design and Classroom Management in Middle School Laboratory 0/2/1

Prerequisite: TE and FE

This course consists of the field experience that accompanies MGED 4265. Must be taken concurrently with MGED 4265.

MGED 4271 Middle Grades Curriculum 2/0/2

Prerequisite: TE and FE

This course includes exploration of 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.

MGED 4271L Middle Grades Curriculum Laboratory 0/2/1

Prerequisite: TE and FE

This course consists of the field experience that accompanies MGED 4271. Must be taken concurrently with MGED 4271.

MGED 4285 Special Topics 1.0 - 3.0/1.0 - 3.0/1.0 - 3.0

Prerequisite: TE

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: TE and FE

Students will be involved 15 weeks one semester in a full-time, supervised and directed classroom setting. Application for field experience required prior to enrollment. Must be taken concurrently with MGED 4289.

MGED 4287 Teaching Internship I 0/6/3

Prerequisite: TE and FE

Students will be in a full-time, supervised and directed classroom setting.

MGED 4288 Teaching Internship II 0/6/3

Prerequisite: TE and FE

Students will be in a full-time, supervised and directed classroom setting. Prerequisites: Admission to Teacher Education; application for field experience required prior to enrollment. Must be taken concurrently with MGED 4289.

MGED 4289 Internship Seminar 3/0/3

Prerequisite: TE

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. Must be taken concurrently with MGED 4286 or MGED 4288.

## **Management Courses (MGNT)**

MGNT 3600 Management 3/0/3

Prerequisite: BUSA 2106 and GPA 2.00

A study of the basic concepts and processes of management. The course includes the study of legal, social political environment with specific emphasis on the behavioral perspectives in organizations.

MGNT 3602 Business Law 3/0/3

Prerequisite: BUSA 2106

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 organization, 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 3615 Production and Operations Management 3/0/3

Prerequisite: ECON 3402 and MATH 1413

This course is designed to emphasize the strategic importance of operations management to the overall performance of the organization. Students will study the basic principles required to organize and manage both service and manufacturing firms. Topics include issues such as

work design, inventory control, supply chains, scheduling, quality control, lean operating systems, and project management.

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 them how an HRIS with artificial intelligence decision/support capabilities can improve the HR processes by using a shared database of information about jobs, people and the organization.

MGNT 3618 Entrepreneurship and Small Business Management 3/0/3

Prerequisite: MGNT 3600 and 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

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 3630 Environmental Law 3/0/3

Prerequisite: BUSA 2106

An introduction to the legal and regulatory aspects of environmental law, its history and sources, its reliance on scientific principles as well as its relationship to business management.

MGNT 3635 New Venture Management 3/0/3

Prerequisite: MGNT 3600 and MKTG 3803

This course is designed to introduce students to issues encountered during a business start-up. Students will be required to write their own business plan.

MGNT 4330 Telecommunications Management 3/0/3

Prerequisite: CISM 3330

An introduction to the concepts and practices of managing business telecommunications resources. This course examines 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. Same as CISM 4330.

MGNT 4350 Enterprise and Decision Support Systems 3/0/3

Prerequisite: CISM 3330

An introduction to the theoretical and practical issues related to enterprise and decision support systems. Will introduce students to the technologies involved in these systems and will examine the need to share, communicate, and manage organizational information for integration and decision making. Specific emphasis will be placed on using enterprise systems such as Greenway's PrimeSuite or SAP's enterprise system. Same as CISM 4350.

MGNT 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 email account and access to a web browser for CourseDen access. Students will be required to participate within an assigned student group. This course will teach students the fundamental steps and management procedures to transform a 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. Same as CISM 4355.

#### MGNT 4610 Logistics 2/0/2

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: MGNT 3615

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 4616 Project Management 3/0/3

Prerequisite: MGNT 3600

This course is a study of the fundamental processes for planning, budgeting, monitoring, controlling, and terminating projects within organizations. There will be an emphasis on utilizing project-related software within the context of completing course assignments.

#### MGNT 4620 Human Resource Management 3/0/3

Prerequisite: MGNT 3600

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: 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 and 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 MGT 300

International operations of American firms, impact of international competition in the domestic market; organization for international production, marketing, financing, international markets, resources, institutions, 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, 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**

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: FINC 3511 and MGNT 3600 and MKTG 3803 and ECON 3402 or MATH 2063 and ACCT 2101 and ACCT 2102 and BUSA 2106 and CISM 2201 and ECON 2105 and ECON 2106 and FE

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. Must 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.

**MGNT 4680 Human Resources Practicum 1/4/3**

Prerequisite: MGNT 3600 and MGNT 4620

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

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 1.0 - 3.0/0/1.0 - 3.0**

In-depth supervised, individual study of one or more current problems of a business organization.

**MGNT 4686 Business Internship Management 0/1.0 - 6.0/1.0 - 6.0**

Practical managerial internship experience with a commercial firm or organization for select- ed 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**

Prerequisite: GPA 2.00 and COBM 1

A basic survey of how ethical selling integrates into modern business. This course emphasizes selling as a profession, development and implementation of sales techniques, managing

time, and selling your ideas. Experimental exercises and video feedback techniques are used through out the course.

**MKTG 3803 Principles of Marketing 3/0/3**

Prerequisite: GPA2 2.00 and COBM 1

Study of marketing policies and practices in the flow of goods and services to the customer/consumer.

**MKTG 3804 Business Challenges 3/0/3**

Students working with clients from the business community develop a research brief and questionnaire. Innovative data collection methodologies are employed. Statistical analysis is then performed on the data and reports are presented orally and in writing.

**MKTG 3805 Real Estate Principles 3/0/3**

Prerequisite: ACCT 2101 or ACC 201

Emphasis on principles and fundamental concepts. Course provides basic information for the student preparing for a career in real estate, also helps the consumer learn how to select, finance, and maintain real property either for a home or for investment purposes.

**MKTG 3808 Business Research 3/0/3**

Prerequisite: CISM 2201 and ECON 3402 or MATH 2063

This course is designed to meet the rapidly growing need for a systematic approach to the business research process, and its implementation in terms of strategic 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

The integrative role of advertising in persuasive communication in business and related fields. Includes procedures for organizing, developing, and implementing effective media decisions.

**MKTG 3810 Social Media and Online Marketing 3/0/3**

Prerequisite: MKTG 3803

This course will examine the impact of social media and the internet on marketing strategy. Topics will include an exploration of social media technologies and applications such as Facebook, blogs, Twitter, wikis, YouTube, etc. Students will learn how to develop an online presence, leverage these technologies and use the power and impact of Web 2.0 in implementing successful marketing strategies.

**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 or MKT 303

Sales management is a course 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: ECON 3402 and MKTG 3803

The emphasis in this course is on conceptualizing and conducting a marketing research project as well as using research as an aid for marketing decision making. Both primary and secondary sources of information are considered, along with defining the research problem, research design, measurement and scaling, questionnaire construction, sampling, data analysis, and

interpretation. The SPSS statistical software package is used for data management and analysis.

**MKTG 4831 Business-to-Business Marketing 3/0/3**

Prerequisite: MKTG 3803 or MKT 303 andGPA2 2.00 and COBM 1

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 andGPA2 2.00 and COBM 1

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: MKTG 3803 or MKT 303 andGPA2 2.00 and COBM 1

A comprehensive analysis of the factors in human behavior which influence the choice and the use of products and service.

**MKTG 4866 International Marketing 3/0/3**

Prerequisite: MKTG 3803 or MKT 303 andGPA2 2.00 and COBM 1

This course deals with the problems and perspectives of marketing across national boundaries. It focuses on cultural, legal, social, economic, and behavioral differences that affect marketing strategies, and the marketing mix in global markets. The importance of international trade agreements and organizations and the global business environment is emphasized.

**MKTG 4870 Marketing Management 3/0/3**

Prerequisite: MKTG 4864 and MKTG 3803 andMKTG 3808 or MKTG 4808

The focus of this integrative senior level course is on the analysis, planning, implementation, and control of marketing programs in a competitive environment. Decision making will be emphasized and the case method and/or interactive computer simulations will form the basic learning emphasis in the course.

**MKTG 4881 Independent Study in Marketing 3/0/3**

In-depth supervised individual study of one or more current marketing problems in a business organization.

**MKTG 4885 Special Topics in Marketing 3/0/3**

The study of selected contemporary marketing topics of interest to faculty and students.

**MKTG 4886 Marketing Internship 0/3/3**

Practical marketing related experience with a previously approved business firm for selected junior or senior students.

## **Music Courses (MUSC)**

**MUSC 1000 Comprehensive Music Laboratory 0/0/0**

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 music styles through recordings, through live performances, and through 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, through live performances, and through 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, through live performances, and through 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

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 0/1/1

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: 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

An initial study of music fundamentals, theory, literature, score reading, and STB part writing. MUSC 1401 must be taken concurrently. Students complete assignments by using traditional methods and by using the tools of music technology.

MUSC 1302 Music Theory II 3/1/3

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 1402 must be taken concurrently.

**MUSC 1401 Aural Skills I 1/2/1**

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 1301 must be taken concurrently.

**MUSC 1402 Aural Skills II 1/2/1**

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 1302 must be taken concurrently.

**MUSC 1501 Keyboard Skills I 0/2/1**

Prerequisite: MUSC 1301

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. Should be taken concurrently with MUSC 1301 and 1401.

**MUSC 1502 Keyboard Skills II 0/2/1**

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. Should be taken concurrently with MUSC 1302 and 1402.

**MUSC 2301 Music Theory III 3/1/3**

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 and by using the tools of music technology. MUSC 2401 must be taken concurrently.

**MUSC 2302 Music Theory IV 3/1/3**

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 and by using the tools of music technology. MUSC 2402 must be taken concurrently.

**MUSC 2401 Aural Skills III 1/2/1**

Continuation of MUSC 1402, including sight-singing advanced chromatic melodies, further development of rhythm skills and aural analysis skills. Students complete assignments by using traditional methods and by using the tools of music technology. MUSC 2301 must be taken concurrently.

**MUSC 2402 Aural Skills IV 1/2/1**

Continuation of MUSC 2401, including sight-singing advanced modulatory melodies, sight-singing atonal melodies, further development of rhythm skills. Students complete assignments by using traditional methods and by using the tools of music technology. MUSC 2302 must be taken concurrently.

MUSC 2501 Keyboard Skills III 0/2/1

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

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 Principal Applied: Piano 0/1.0 - 2.0/1.0 - 2.0

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 2600B Principal Applied: Organ 0/1.0 - 2.0/1.0 - 2.0

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 2600C Principal Applied: Voice 0/1.0 - 2.0/1.0 - 2.0

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 2600D Principal Applied: Strings 0/1.0 - 2.0/1.0 - 2.0

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 2600E Principal Applied: Guitar 0/1.0 - 2.0/1.0 - 2.0

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 2600F Principal Applied: Flute 0/1.0 - 2.0/1.0 - 2.0

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 2600G Principal Applied: Oboe 0/1.0 - 2.0/1.0 - 2.0

Private lessons for music majors at the lower-division level on the principal instrument or voice. Lessons include studies in technical, stylistic, 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 2600I Principal Applied: Clarinet 0/1.0 - 2.0/1.0 - 2.0

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 2600J Principal Applied: Bassoon 0/1.0 - 2.0/1.0 - 2.0

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 2600K Principal Applied: Saxophone 0/1.0 - 2.0/1.0 - 2.0

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 2600L Principal Applied: Horn 0/1.0 - 2.0/1.0 - 2.0

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 2600M Principal Applied: Trumpet 0/1.0 - 2.0/1.0 - 2.0

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 2600N Principal Applied: Trombone 0/1.0 - 2.0/1.0 - 2.0

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 2600O Principal Applied: Euphonium 0/1.0 - 2.0/1.0 - 2.0

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 2600P Principal Applied: Tuba 0/1.0 - 2.0/1.0 - 2.0

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 credit--one 25-minute lesson per week per credit hour. An applied music fee is charged per credit hour enrolled.

MUSC 2600Q Principal Applied: Percussion 0/1.0 - 2.0/1.0 - 2.0

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 Non-Music-Major Applied: Piano 0/1.0 - 2.0/1.0 - 2.0

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 2610B Non-Music-Major Applied: Organ 0/1.0 - 2.0/1.0 - 2.0

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 2610C Non-Music-Major Applied: Voice 0/1.0 - 2.0/1.0 - 2.0

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 2610D Non-Music-Major Applied: Strings 0/1.0 - 2.0/1.0 - 2.0

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 2610E Non-Music-Major Applied: Guitar 0/1.0 - 2.0/1.0 - 2.0

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 2610F Non-Music-Major Applied: Flute 0/1.0 - 2.0/1.0 - 2.0

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 2610G Non-Music-Major Applied: Oboe 0/1.0 - 2.0/1.0 - 2.0

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 2610I Non-Music-Major Applied: Clarinet 0/1.0 - 2.0/1.0 - 2.0

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 2610J Non-Music-Major Applied: Bassoon 0/1.0 - 2.0/1.0 - 2.0

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 2610K Non-Music-Major Applied: Saxophone 0/1.0 - 2.0/1.0 - 2.0

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 2610L Non-Music-Major Applied: Horn 0/1.0 - 2.0/1.0 - 2.0

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 2610M Non-Music-Major Applied: Trumpet 0/1.0 - 2.0/1.0 - 2.0

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 2610N Non-Music-Major Applied: Trombone 0/1.0 - 2.0/1.0 - 2.0

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 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 2610O Non-Music-Major Applied: Euphonium 0/1.0 - 2.0/1.0 - 2.0

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 2610P Non-Music-Major Applied: Tuba 0/1.0 - 2.0/1.0 - 2.0

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 2610Q Non-Music-Major Applied: Percussion 0/1.0 - 2.0/1.0 - 2.0

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 0/1/1

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 0/1/1

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 0/1/1

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 0/1/1

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 0/1/1

The study and performance of literature composed for chamber wind 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 0/1/1

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 0/1/1

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 0/1/1

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 Small Ensemble: Keyboard Ensemble 0/1/1**

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 2800B Small Ensemble: Collegium Musicum 0/1/1**

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 2800C Small Ensemble: Guitar Ensemble 0/1/1**

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 2800D Small Ensemble: Flute Choir 0/1/1**

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 2800E Small Ensemble: Clarinet Choir 0/1/1**

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 2800F Small Ensemble: Saxophone Choir 0/1/1**

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 2800G Small Ensemble: Woodwind Ensemble 0/1/1**

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 2800I Small Ensemble: Horn Choir 0/1/1**

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 2800J Small Ensemble: Trumpet Choir 0/1/1**

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 2800K Small Ensemble: Trombone Choir 0/1/1

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 2800L Small Ensemble: Tuba / Euphonium Ensemble 0/1/1

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 2800M Small Ensemble: Brass Ensemble 0/1/1

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 2800N Small Ensemble: Percussion Ensemble 0/1/1

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 2800O Small Ensemble: Jazz Combo 0/1/1

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 2800P Small Ensemble: Basketball Band 0/1/1

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 2800Q Small Ensemble: Mixed Chamber Ensemble 0/1/1

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 pre-school 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

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

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

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

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

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

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

Fundamentals of Italian, German, and French 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

A survey of selected musical styles, composers, and genres, 800-1825.

**MUSC 3702** Western Music After 1825 and World Music 3/0/3

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. A Writing Across the Curriculum WAC course.

**MUSC 3850** Conducting 3/0/3

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. A Writing Across the Curriculum WAC course.

**MUSC 3900** Music in Elementary Schools 3/2/3

Prerequisite: MUSC 2302 and MUSC 2402 and MUSC 2502 and FE

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 and instructional innovations; classroom organization and managements; and measurement and evaluation techniques. Includes a field-experience component.

**MUSC 4000** Music in Secondary Schools 3/2/3

Prerequisite: MUSC 3900 and FE

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: FE and TE

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: FE and TE

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

The study of the methodology of teaching voice and a survey of standard vocal literature.

MUSC 4160 Instrumental Pedagogy and Literature 3/0/3

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 and MUSC 2402 and MUSC 2502

A survey of standard keyboard literature before 1825.

MUSC 4172 Keyboard Literature After 1825 2/0/2

Prerequisite: MUSC 2302 and MUSC 2402 and MUSC 2502

A survey of standard keyboard literature after 1825.

MUSC 4175 Collaborative Keyboard Skills I 1/2/1

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

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 2302 and MUSC 2402 and MUSC 2502

Introduction to teaching and studio management, and survey of methods, materials, and principles for teaching elementary- and early-intermediate level piano students in group and in private settings.

MUSC 4182 Piano Pedagogy II 2/1/2

Prerequisite: MUSC 2302 and MUSC 2402 and MUSC 2502

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

An examination of the materials and methods for teaching intermediate and early advance 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

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 Teaching Internship 0/14/3

Prerequisite: FE and TE

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 4187 Teaching Internship 0/14/3

Prerequisite: FE and TE

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 4188 Teaching Internship 0/14/3

Prerequisite: FE and TE

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

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

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 period to the present.

## MUSC 4300 Jazz History and Styles 3/0/3

The history and styles of jazz from its origins to fusion.

## MUSC 4311 Applied Jazz Composition and Arranging 0/1.0 - 2.0/1.0 - 2.0

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 0/1.0 - 2.0/1.0 - 2.0

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

Analysis and writing in the contrapuntal styles of the 16th through the 18th centuries. Students complete counterpoint projects by using traditional methods and by using the tools of music technology.

MUSC 4410 Applied Composition 0/1.0 - 2.0/1.0 - 2.0

Compositional techniques taught in a combination of group and individual sessions. Students complete composition projects by using traditional methods and by using the current tools of music technology.

MUSC 4500 Accompanying 2/0/2

Prerequisite: MUSC 2502

Principles, problems, and techniques of accompanying music for opera, theatre, and the concert stage.

MUSC 4600A Principal Applied: Piano 0/1.0 - 3.0/1.0 - 3.0

Private lessons for music majors at the upper-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 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 4600B Principal Applied: Organ 0/1.0 - 3.0/1.0 - 3.0

Private lessons for music majors at the upper-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 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 4600C Principal Applied: Voice 0/1.0 - 3.0/1.0 - 3.0

Private lessons for music majors at the upper-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 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 4600D Principal Applied: Strings 0/1.0 - 3.0/1.0 - 3.0

Private lessons for music majors at the upper-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 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 4600E Principal Applied: Guitar 0/1.0 - 3.0/1.0 - 3.0

Private lessons for music majors at the upper-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 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 4600F Principal Applied: Flute 0/1.0 - 3.0/1.0 - 3.0

Private lessons for music majors at the upper-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 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 4600G Principal Applied: Oboe 0/1.0 - 3.0/1.0 - 3.0

Private lessons for music majors at the upper-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 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 4600I Principal Applied: Clarinet 0/1.0 - 3.0/1.0 - 3.0

Private lessons for music majors at the upper-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 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 4600J Principal Applied: Bassoon 0/1.0 - 3.0/1.0 - 3.0

Private lessons for music majors at the upper-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 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 4600K Principal Applied: Saxophone 0/1.0 - 3.0/1.0 - 3.0

Private lessons for music majors at the upper-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 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 4600L Principal Applied: Horn 0/1.0 - 3.0/1.0 - 3.0

Private lessons for music majors at the upper-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 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 4600M Principal Applied: Trumpet 0/1.0 - 3.0/1.0 - 3.0

Private lessons for music majors at the upper-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 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 4600N Principal Applied: Trombone 0/1.0 - 3.0/1.0 - 3.0

Private lessons for music majors at the upper-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 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 4600O Principal Applied: Euphonium 0/1.0 - 3.0/1.0 - 3.0

Private lessons for music majors at the upper-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 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 4600P Principal Applied: Tuba 0/1.0 - 3.0/1.0 - 3.0

Private lessons for music majors at the upper-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 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 4600Q Principal Applied: Percussion 0/1.0 - 3.0/1.0 - 3.0

Private lessons for music majors at the upper-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 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 Secondary Applied: Piano 0/1.0 - 2.0/1.0 - 2.0

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 4610B Secondary Applied: Organ 0/1.0 - 2.0/1.0 - 2.0

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 4610C Secondary Applied: Voice 0/1.0 - 2.0/1.0 - 2.0

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 4610D Secondary Applied: Strings 0/1.0 - 2.0/1.0 - 2.0

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 4610E Secondary Applied: Guitar 0/1.0 - 2.0/1.0 - 2.0**

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 4610F Secondary Applied: Flute 0/1.0 - 2.0/1.0 - 2.0**

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 4610G Secondary Applied: Oboe 0/1.0 - 2.0/1.0 - 2.0**

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 4610I Secondary Applied: Clarinet 0/1.0 - 2.0/1.0 - 2.0**

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 4610J Secondary Applied: Bassoon 0/1.0 - 2.0/1.0 - 2.0**

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 4610K Secondary Applied: Saxophone 0/1.0 - 2.0/1.0 - 2.0**

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 credit hour enrolled. An applied music fee is charged per credit hour enrolled.

**MUSC 4610L Secondary Applied: Horn 0/1.0 - 2.0/1.0 - 2.0**

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 4610M Secondary Applied: Trumpet 0/1.0 - 2.0/1.0 - 2.0**

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 4610N Secondary Applied: Trombone 0/1.0 - 2.0/1.0 - 2.0

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 4610O Secondary Applied: Euphonium 0/1.0 - 2.0/1.0 - 2.0

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 4610P Secondary Applied: Tuba 0/1.0 - 2.0/1.0 - 2.0

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 4610Q Secondary Applied: Percussion 0/1.0 - 2.0/1.0 - 2.0

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 4644 Half Composition Recital 0/2/2

Preparation and presentation of a half composition recital. The undergraduate Composition major is expected to present a half recital during the junior year consisting of 20-30 minutes of his/her original compositions.

MUSC 4700 Wind Ensemble 0/1/1

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 0/1/1

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 0/1/1

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 0/1/1

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 0/1/1**

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 0/1/1**

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 0/1/1**

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 0/1/1**

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 Small Ensemble: Keyboard Ensemble 0/1/1**

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 4800B Small Ensemble: Collegium Musicum 0/1/1**

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 4800C Small Ensemble: Guitar Ensemble 0/1/1**

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 4800D Small Ensemble: Flute Choir 0/1/1**

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 4800E Small Ensemble: Clarinet Choir 0/1/1**

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 4800F Small Ensemble: Saxophone Choir 0/1/1**

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 4800G Small Ensemble: Woodwind Ensemble 0/1/1

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 4800I Small Ensemble: Horn Choir 0/1/1

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 4800J Small Ensemble: Trumpet Choir 0/1/1

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 4800K Small Ensemble: Trombone Choir 0/1/1

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 4800L Small Ensemble: Tuba/ Euphonium Ensemble 0/1/1

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 4800M Small Ensemble: Brass Ensemble 0/1/1

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 4800N Small Ensemble: Percussion Ensemble 0/1/1

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 4800O Small Ensemble: Jazz Combo 0/1/1

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 4800P Small Ensemble: Basketball Band 0/1/1

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 4800Q Small Ensemble: Mixed Chamber Ensemble 0/0/1

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 0/1.0 - 2.0/1.0 - 2.0

Prerequisite: MUSC 3850

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 0/3.0 - 9.0/3.0 - 9.0

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

Preparation and presentation of a Junior Recital. The undergraduate performance major is expected to perform a half recital during the Junior year consisting of 20-30 minutes of music. Composition majors give a Junior Recital of 20-30 minutes of original compositions. Must be performed before a public audience.

MUSC 4942 Full Recital 0/3/0

Preparation and presentation of a Senior Recital. The performance major will perform a full recital during the Senior year consisting of 40-60 minutes of music. Composition majors give a Senior Recital of 40-60 minutes of original compositions. Music Education majors perform either a public recital of 20-40 minutes, or a 15-minute minimum program for hearing by the music faculty prior to the quarter of student teaching. Must be completed prior to the middle of the last quarter of applied study and performed before a public audience.

MUSC 4943 Jazz Recital 0/2/2

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 4944 Half Composition Recital 0/2/2

Preparation and presentation of a Half Composition Recital. The undergraduate Composition major is expected to present a half recital during the junior year consisting of 20-30 minutes of his/her original compositions.

MUSC 4945 Full Composition Recital 0/3/3

Prerequisite: MUSC 4944

Preparation and presentation of a full composition recital. The undergraduate composition major is expected to present a full recital during the senior year consisting of 40-60 minutes of his/her original compositions.

MUSC 4981 Directed Independent Study 0/1.0 - 3.0/1.0 - 3.0

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 0/1.0 - 3.0/1.0 - 3.0

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 0/1.0 - 3.0/1.0 - 3.0

A special topic course offering. Title and description of topic to be specified at time of offering.

## Nursing Courses (NURS)

NURS 2101 Pathophysiology and Pharmacology I 3/0/3

This course is first in a sequence that builds on biophysical concepts from foundational sciences and introduces pathophysiological changes and the pharmacotherapeutics pharmacokinetics, pharmacodynamics, and pharmacogenetics/genomics associated with illness and disease across the human lifespan. Within a quality caring framework, the relationship of these changes and pharmacotherapeutics are emphasized in the delivery of safe and person-centered care.

NURS 2102 Pathophysiology and Pharmacology II 3/0/3

Prerequisite: NURS 2101

This course is second in a sequence that builds on biophysical concepts from foundational sciences and introduces pathophysiological changes and the pharmacotherapeutics pharmacokinetics, pharmacodynamics, and pharmacogenetics/genomics associated with illness and disease across the human lifespan. Within a quality caring framework, the relationship of these changes and pharmacotherapeutics are emphasized in the delivery of safe and person-centered care.

NURS 2281 Independent Study in Nursing 0/1.0 - 6.0/1.0 - 6.0

In-depth, individual study of a specific nursing subject.

NURS 3000 Holistic Health Assessment 2/2/3

Prerequisite: NURS 2101

This course prepares the student to holistically assess the general health of persons, identifying findings outside the range of acceptable parameters. Basic assessment skills emphasized within a quality caring framework to prepare students to deliver safe and person-centered care.

NURS 3101 Professional Nursing Concept I 3/0/3

This course provides the student with an introduction to concepts integral to professional nursing practice within a quality caring framework. Content is designed to facilitate initial socialization into the role of the professional nurse through examination of concepts and exemplars situated within the perspective of the person.

NURS 3102 Professional Nursing Concepts II 2/0/2

Prerequisite: NURS 3101

This course immerses the student in the study of concepts integral to professional nursing practice within a quality caring framework. Content is designed to facilitate the students continuing role acquisition as a professional nurse.

NURS 3201 Health Care of the Client I 3/0/3

Prerequisite: NURS 2101 and NURS 2102 and NURS 3000

This is the first of four concept based healthcare courses essential in preparing students for safe and person centered care within a quality caring framework. Students are introduced to basic knowledge associated with providing quality, holistic nursing care to persons across the lifespan. The course focuses on selected concepts using exemplars from the categories of biophysical, social, and psychological functions, and health, wellness, and illness.

NURS 3202 Health Care of the Client II 4/0/4

Prerequisite: NURS 3201 and NURS 3301

This is the second of four concept based healthcare courses essential in preparing learners for safe and person centered care within a quality caring framework. Students advance their knowledge associated with providing quality, holistic nursing care to persons throughout the lifespan. The course focuses on selected concepts, using exemplars, within the categories of biophysical, social, and psychological functions, and health, wellness, and illness.

NURS 3301 Clinical Practice I 0/12/6

Prerequisite: NURS 2101 and NURS 2102

This course focuses on the basic knowledge and skills necessary for the professional nurse to deliver safe and person-centered care across the lifespan. Beginning professional and healthcare related concepts will be applied in laboratory, simulation, and a variety of health care settings.

NURS 3302 Clinical Practice II 0/12/6

Prerequisite: NURS 3301 and NURS 3202

This course focuses on progressive knowledge and skills necessary for the professional nurse to deliver safe and person-centered care across the lifespan. Professional and healthcare related concepts will be applied in laboratory, simulation, and a variety of health care settings.

NURS 3303 Competency-Based Clinical Performance 0/2/1

Prerequisite: NURS 3102 and NURS 3202 and NURS 3302

This course will focus on the demonstration of knowledge and skills learned in the prerequisite courses. The course will assess the ability of the student to deliver safe and person-centered nursing care within a quality caring framework across the lifespan. Competency in professional and healthcare related concepts will be evaluated in the skills and simulation laboratory.

NURS 3400 Nursing Research and Evidence-Based Practice 3/0/3

Prerequisite: NURS 3101 and NURS 3102

This course introduces the student to the relationship among nursing research, theory, and evidence-based practice in providing holistic, safe, and person-centered care within a quality caring framework.

NURS 4000 Preparation for Nursing Licensure 1/0/1

Prerequisite: NURS 4201 and NURS 4301

This course focuses on preparing students for the National Licensure Examination for Registered Nurses NCLEX?-RN. Emphasis is placed on reviewing nursing clinical decision-making, improving test-taking skills, reducing test anxiety, and cognitive restructuring to ensure an attitude of success.

NURS 4101 Professional Nursing Concepts III 2/0/2

Prerequisite: NURS 3102

This course expands the perspective of the student to include a systems view of professional nursing practice within a quality caring framework. Content is designed to prepare the student to be an active collaborator within multidimensional aspects of healthcare systems.

NURS 4102 Professional Nursing Concepts IV 2/0/2

Prerequisite: NURS 4101

This course empowers the student to synthesize knowledge of professional concepts within a quality caring framework. Content is designed to prepare the student to apply leadership and management principles to achieve positive health outcomes within health care systems.

NURS 4201 Health Care of the Client III 4/0/4

Prerequisite: NURS 3202 and NURS 3302 and NURS 3303

This is the third of four concept based healthcare courses essential in preparing learners for safe and person centered care within a quality caring framework. Students continue to advance their knowledge associated with providing quality, holistic nursing care to persons throughout the lifespan. The course focuses on selected concepts, using exemplars, within the categories of biophysical, social, and psychological functions, and health, wellness, and illness.

NURS 4202 Health Care of the Client IV 4/0/4

Prerequisite: NURS 4201 and NURS 4301

This is the last of four concept based healthcare courses essential in preparing learners for safe and person centered care within a quality caring framework. Students analyze knowledge related to the provision of quality, holistic nursing care to persons throughout the lifespan. The course focuses on the interrelationship of multiple concepts, using exemplars, within the categories of biophysical, social, and psychological functions, and health, wellness, and illness.

NURS 4300 Clinical Specialty Practice 0/6/3

Prerequisite: NURS 4301

This course focuses on progressive knowledge and skills necessary for the professional nurse to deliver safe and person-centered care in a nursing specialty clinical immersion environment. Professional and healthcare related concepts will be applied in laboratory, simulation, and a variety of health care settings.

NURS 4301 Clinical Practice III 0/10/5

Prerequisite: NURS 3302

This course focuses on advanced knowledge and skills necessary for the professional nurse to deliver safe and person-centered care across the lifespan. Professional and healthcare related concepts will be applied in laboratory, simulation, and a variety of health care settings.

NURS 4302 Clinical Practice IV 0/16/8

Prerequisite: NURS 4301

This course focuses on the integration of knowledge and skills necessary for the professional nurse to deliver safe and person-centered care across the lifespan. Students will be expected to utilize leadership and management principles to achieve positive health outcomes within healthcare systems in simulated and actual clinical experiences.

NURS 4422 Senior Seminar 2/0/2

Prerequisite: NURS 3122 and NURS 3135 and NURS 3172 and NURS 3192 and NURS 3222 and NURS 3235 and NURS 3245 and NURS 4335 and NURS 4345

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 4481 Independent Study 1.0 - 3.0/1.0 - 3.0/1.0 - 3.0

In-depth, individual research and study of specific nursing problems and/or issues. Requires permission of instructor.

NURS 4485 Special Topics 1.0 - 3.0/0.0 - 3.0/1.0 - 3.0

Course related to specific topics in nursing. Title and description of course to be specified at the time of offering.

NURS 4521 Holistic Health Assessment for RNs 2/2/3

This course advances the skills of Registered Nurses in holistic assessment of the general health of persons, identifying findings outside the range of acceptable parameters. Assessment skills are emphasized within a quality caring framework for the delivery of safe and person-centered care.

NURS 4523 Nursing Leadership in Healthcare Communities 3/0/3

This course introduces the Registered Nurse student to the relationships among nursing research, theory, and evidence-based practice in providing holistic, safe, and person-centered care within a quality caring framework.

NURS 4525 Professional Practice Issues and Concepts 3/0/3

This course provides an introduction and overview of contemporary nursing practice concepts and issues which explore the roles of the professional nurse within the current healthcare environment.

NURS 4527 Nursing Leadership in Healthcare Communities 4/8/8

Prerequisite: NURS 4521 and NURS 4523 and NURS 4525

This course is designed to focus on the theoretical concepts relevant to the practice of nursing leadership in the healthcare community. The role of the nurse as leader in caring for persons will be explored. Classroom and clinical experiences will facilitate application of community health and leadership principles.

## Physical Education Courses (PHED)

PHED 2602 Introduction to Teaching Health and Physical Education 1/2/2

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. 2.3 GPA required.

PHED 2603 Human Anatomy and Physiology I 3/0/3

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. For physical education majors only.

PHED 2604 Human Anatomy and Physiology II 3/0/3

Course focuses on descriptive human anatomy and physiology with an emphasis on the cardiovascular, respiratory, digestive and endocrine systems of the human body. This course provides an 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. For Physical Education majors only.

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 better in order to use the course in Area F.

PHED 2685 Special Topics in Physical Education 0/1.0 - 3.0/1.0 - 3.0

Titles and descriptions of specific courses will be specified at time of offering. May be repeated for credit. Requires approval of department chair.

PHED 3401 Integrating Technology into Health and Physical Education 3/0/3

Prerequisite: TE and MEDT 2401 with a minimum grade of C or CISM 2201 with a minimum grade of C or CS 1030 with a minimum grade of C or GEOL 2002 with a minimum grade of C or CS 1000 with a minimum grade of C or CS 1020 with a minimum grade of C

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. Laboratory experiences will be included in the course. Requires a minimum of 9 hours of upper education course work.

PHED 3500 Educational Games, Gymnastics, and Dance 0/4/2

Prerequisite: TE

This course focuses on the development 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: TE

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: TE

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: TE

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: TE

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 3625 Motor Behavior 3/0/3**

Prerequisite: TE and PHED 2603 and PHED 2604

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 and Softball 2/0/2**

Designed to provide students with basic information about coaching baseball and softball. Planning and organizing practice and competition, selecting appropriate drills, teaching and analyzing fundamental skills, evaluating performance, understanding basic offensive and defensive strategies.

**PHED 3631 Coaching Basketball 2/0/2**

Designed to provide students with basic information about coaching the sport of basketball. Planning and organizing practice and competition, selecting appropriate drills, teaching and analyzing fundamental skills, evaluating performance, understanding basic offensive and defensive strategies.

**PHED 3632 Coaching Football 2/0/2**

Designed to provide students with basic information about coaching football. Planning and organizing practice and competition, selecting appropriate drills, teaching and analyzing fundamental skills, evaluating performance, understanding basic offensive and defensive strategies.

**PHED 3633 Coaching Methods: Soccer 2/0/2**

Designed to provide students with basic information about coaching soccer. Planning and organizing practice and competition, selecting appropriate drills, teaching and analyzing fundamental skills, evaluating performance, understanding basic offensive and defensive strategies.

**PHED 3634 Coaching Methods: Volleyball 2/0/2**

Designed to provide students with basic information about coaching volleyball. Planning and organizing practice and competition, selecting appropriate drills, teaching and analyzing fundamental skills, evaluating performance, understanding 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: TE and FE

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: TE and PHED 3670 and FE

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 physical 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: TE and PHED 3671 and FE

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 the gymnasium and outdoor environments and to plan, teach and evaluate physical education lessons.

PHED 3676 Elementary Physical Education Field Experience 0/6/2

Prerequisite: TE

Students will gain practical teaching experience in an elementary public school under the supervision of a qualified teacher and university supervisor. Take concurrently with PHED 3671.

PHED 3677 P-5 Health Education Field Experience 0/6/2

Prerequisite: TE

Students will gain practical teaching experience in an elementary public school under the supervision of a qualified teacher and university supervisor.

PHED 3678 Middle and Secondary Physical Education Field Experience 0/6/2

Prerequisite: TE

Students will gain practical teaching experience in middle and secondary public schools under the supervision of a qualified teacher and university supervisor. Take concurrently with PHED 3675.

PHED 3710 Assessing Performance in Health and Physical Education 3/0/3

Prerequisite: TE

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. Take concurrently with PHED 3671.

PHED 3720 Adapted Physical Education Field Experience 0/3/1

Prerequisite: TE and PHED 2603

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: TE

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: TE

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. Take concurrently with PHED 4500.

## PHED 4502 School Health Education 2/3/3

Prerequisite: TE

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. This course also addresses 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. Take concurrently with PHED 4501.

## PHED 4601 Movement Analysis II 0/6/3

Prerequisite: TE

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 Advanced Concepts of Personal Training 2/2/3

This class focuses on the physiological responses and adaptations of the human body during exercise. In depth analysis of the responses of the respiratory and circulatory systems will be a major focus. Laboratory activities include data collection and analysis of a variety of physiological processes.

## PHED 4605 Applied Biomechanics 2/2/3

Prerequisite: TE

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 4625 Management in Health, Physical Education and Sport 2/0/2

Prerequisite: FE

Planning, organizing, directing, and evaluating school physical education, health and sport programs.

## PHED 4630 Foundations and Principles of Coaching 3/0/3

Topics include individual differences in athletics, motivational and psychological dimensions of athletes, sport as a social phenomenon, factors affecting performance, physiological princi-

ples, 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

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

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 0/0/3

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/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. May be repeated for credit 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 of growth stages.

PHED 4650 Health and Physical Activity in Elementary Education 2/0/2

Prerequisite: TE and 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: FE

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 4677 6-12 Health Education Field Experience 0/6/2

Prerequisite: TE

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: TE and PHED E625

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 0/1.0 - 3.0/1.0 - 3.0

This course is an independent study or project. The topic, content, and criteria is to be determined by the student in conjunction with the faculty advisor. Requires approval of instructor.

PHED 4685 Special Topics in Physical Education 1.0 - 3.0/1.0 - 3.0/1.0 - 3.0

This course is to be taken on an individual basis depending on unique circumstances of student. Requires approval of department.

PHED 4686 Teaching Internship 0/27/9

Prerequisite: TE and FE

Practical teaching experience in a public school under the supervision of a qualified teacher. Laboratory experience included in course. Requires completion of all other professional courses with a grade of C or better; must be taken concurrently with PHED 4689.

PHED 4689 Teaching Internship Seminar 3/0/3

Prerequisite: TE

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. Requires completion of all other professional courses with a grade of C or better; must be taken concurrently with PHED 4686.

## Philosophy Courses (PHIL)

PHIL 2010 Introduction to Philosophy 3/0/3

A historically framed introduction to philosophy, high-lighting major developments that have defined Western philosophical inquiry. Required for the major in Philosophy.

PHIL 2020 Critical Thinking 3/0/3

An investigation of logical fallacies and patterns of valid reasoning in primarily oral by also written discourse. Required for the major in Philosophy.

PHIL 2030 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 the major in Philosophy.

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.

PHIL 3100 Ancient and Medieval Philosophy 3/0/3

Prerequisite: PHIL 2010 or PHIL 1001 or PHIL 2100

An exploration of such philosophers as the pre-Socratics, Plato, Aristotle, Epictetus, Augustine, Aquinas, and Occam. Required for Philosophy majors.

PHIL 3110 Modern Philosophy 3/0/3

Prerequisite: PHIL 2010 or PHIL 1001 or PHIL 2100

An examination of such seventeenth- and eighteenth-century European philosophers as Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, and Kant, with special attention to their metaphysical and epistemological theories. Required for Philosophy majors.

PHIL 3120 American Philosophy 3/0/3

Prerequisite: PHIL 2010 or PHIL 1001 or PHIL 2100

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 3140 Existentialism 3/0/3

Prerequisite: PHIL 2010 or PHIL 1001 or PHIL 2100

An examination of the historical development and representative themes of existentialism, beginning with Kierkegaard and Nietzsche and continuing through Sartre.

PHIL 3160 Philosophy in Literature and Film 3/0/3

Prerequisite: ENGL 1101 and ENGL 1102

An examination of significant philosophical and literary texts in terms of their thematic and/or conceptual interconnections. Same as ENGL 3160.

PHIL 3170 Asian Philosophy 3/0/3

Prerequisite: PHIL 2010 or PHIL 1001 or PHIL 2100

This course is designed to introduce students to an Eastern style of philosophical thinking. The theme of the course focus upon that of non-duality and the concern will be overcoming the subject-object dichotomy.

PHIL 3205 Religious Texts 3/0/3

Prerequisite: PHIL 2010 or PHIL 1001 or PHIL 2100

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 2010 or PHIL 1001 or PHIL 2100

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 2010 or PHIL 1001 or PHIL 2100

An 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 2010 or PHIL 1001 or PHIL 2100 or POI POI

An exploration of the major philosophical concepts that underlie our idea of law as well as application of these ideas to issues in moral, legal, criminological, and social philosophy. Required for Pre-law Track majors.

PHIL 4115 Political Philosophy 3/0/3

Prerequisite: PHIL 2010 or PHIL 1001 or PHIL 2100

An examination of significant themes in political philosophy, highlighting the way in which major concepts of political thought 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 distributive justice. Required for Pre-law Track majors.

PHIL 4120 Professional Ethics 3/0/3

Prerequisite: PHIL 2010 or PHIL 1001 or PHIL 2100

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 2010 or PHIL 1001 or PHIL 2100

The aim of 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 4150 Analytic Philosophy 3/0/3

Prerequisite: PHIL 2010 or PHIL 1001 or PHIL 2100

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

Prerequisite: PHIL 2020 or PHIL 2110

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 2010 or PHIL 1001 or PHIL 2100

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 2010 or PHIL 1001 or PHIL 2100

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 2010 or PHIL 1001 or PHIL 2100

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 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

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. Students must have obtained Senior level status.

PHIL 4381 Independent Study 0/1.0 - 3.0/1.0 - 3.0

Prerequisite: PHIL 2100 or PHIL 1001 or PHIL 2010

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 of 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 2010 or PHIL 1001 or 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 Courses (PHYS)

PHYS 1111 Introductory Physics I 3/0/3

Prerequisite: MATH 1113 or MATH 1112 or MATH 1634

An introductory course that will include material from mechanics, thermodynamics, and waves. Elementary algebra and trigonometry will be used.

PHYS 1111L Introductory Physics I Laboratory 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 Introductory Physics II Laboratory 0/2/1

The lab component of PHYS 1112 which must be a co-requisite.

PHYS 1211K Principles of Physics I with Laboratory 3/1/4

Prerequisite: MATH 1634 or MATH 1501

An introductory course which will include material from mechanics, thermodynamics and waves. Elementary differential calculus will be used. This course has a laboratory component that requires a lab kit. For more information on this institution's eCore courses, please see <http://www.westga.edu/~ecore/>

PHYS 1212K Principles of Physics II with Laboratory 3/1/4

Prerequisite: PHYS 1211K

An introductory course that will include material from electromagnetism, optics, and modern physics. Elementary differential and integral calculus will be used. This course has a laboratory component that requires a lab kit. Completion of Physics I includes material from mechanics, thermodynamics, and waves using elementary differential calculus. For more information on this institution's eCore courses, please see <http://www.westga.edu/~ecore/>

**PHYS 2211 Principles of Physics I 3/0/3**

Prerequisite: MATH 1634

An introductory course that will include material from mechanics, thermodynamics, and waves. Elementary calculus will be used.

**PHYS 2211L Principles of Physics I Laboratory 0/3/1**

The lab component for PHYS 2211 which must be a co-requisite.

**PHYS 2212 Principles of Physics II 3/0/3**

Prerequisite: PHYS 2111 with a minimum grade of C and MATH 2644

An introductory course that will include material from electromagnetism, optics, and modern physics. Elementary calculus will be used.

**PHYS 2212L Principles of Physics II Laboratory 0/3/1**

The lab component for PHYS 2212 which must be a 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 examination of scientific methods and results. Same as CHEM 4003, HIST 3301 and PHIL 3301.

**PHYS 3013 Basic Electronics 1/4/3**

Electronic principles, basic circuits and components, theory and applications of powers supplies, amplifiers and oscillators. At level of Simpson.

**PHYS 3023 Digital Electronics 1/4/3**

Electronic applications of digital logic circuitry, flip-flops and registers, sequential logic circuitry and design. At the level of Simpson.

**PHYS 3113 Mechanics 3/0/3**

Principles of Newtonian mechanics, mathematical techniques, conservation laws, introduction to orbit theory, rigid body dynamics, and accelerated coordinate systems. At the level of Davis.

**PHYS 3213 Thermodynamics 3/0/3**

Thermodynamic laws and applications. At the level of Black and Hartley.

**PHYS 3313 Electricity and Magnetism 3/0/3**

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**

Reflection, transmission, and refraction of waves, electromagnetic theory applications and light properties. At the level of Hecht.

**PHYS 3424 Advanced Optics 3/2/4**

This course involves both theoretical and experimental work on the latest development 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 Verdeven.

**PHYS 3511 Experimental Physics I 0/3/1**

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 POI POI

Selected experimental investigations in electrical measurement, atomic and nuclear physics, solid state physics, optics and electronics offered in spring semester

PHYS 3703 Physics, Energy, and the Environment 3/0/3

A study of the physical principles associated with energy, current energy sources, alternate energy sources, conservation of energy, environmental concerns, and research to develop new energy sources.

PHYS 3713 Survey of Physics 3/0/3

Topics selected from mechanics, heat, optics, sound, electricity, magnetism, and twentieth century physics.

PHYS 3825 Research Methods 2/2/3

Specially designed to meet the needs of future teachers, students design and carry out four independent inquiries, which they write up and present in the manner that is common in the scientific community. Course is restricted to UTEACH students.

PHYS 3913 Special Topics in Electronics 1.0 - 3.0/0/1.0 - 3.0

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 be counted toward a minor or major in physics.

PHYS 4203 Advanced General Physics for Teachers 3/0/3

A survey of general physics for pre-service science teachers.

PHYS 4313 Modern Physics 3/0/3

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

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

The principles of wave mechanics, including one dimensional potential problems, the hydrogen atom, systems of identical particles, perturbation theory. At the level of Eisberg and Resnick.

PHYS 4413 Introduction to Solid State Physics 3/0/3

An introduction to crystal structure and the mechanical, thermal, magnetic, optical, and electrical property of solids. At the level of Kittel.

PHYS 4513 Mathematical Physics 3/0/3

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

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 0/1.0 - 3.0/1.0 - 3.0

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

Discussion of topics by students in seminar format regarding current theoretical and experimental topics in physics.

PHYS 4985 Special Topics in Physics 1.0 - 3.0/0/1.0 - 3.0

Title and description of the course is to be specified at the time of offering. Students can re-enroll for additional credit.

## Planning Courses (PLAN)

PLAN 3701 Introduction to Urban and Regional 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.

PLAN 3702 Land Use Planning and Controls 3/0/3

Prerequisite: PLAN 3701 or PLN 330

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 POLS 3702.

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 role technology can play in helping promote 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. Same as POLS 4704.

PLAN 4705 Computers in Politics, Planning, and Management 3/0/3

This course will acquaint students with computer-based methods that are used in the fields of political science, planning, and public administration.

PLAN 4721 Housing and Community Development 3/0/3

Introduction to housing and community development issues, problems and policy. Attention is focused on the operation of the housing market, historical development of housing and community development problems, and the evaluation of public and private sector responses to these problems.

PLAN 4722 Environmental Planning 3/0/3

Introduction to the concepts of environmental planning through an overview of problems, potential solutions, and their relation to methodologies, existing institutions, and other public policy areas.

PLAN 4723 Transportation Planning 3/0/3

Introduction to the U.S. transportation system and how planning is done for it. Examines contemporary U.S. transportation problems, sources of funding, institutions, and legislation. Presents the theory and methods employed by planners in resolving transportation problems

through investment decision plans, operating strategies, and government policies. Stresses the close relationship between transportation and land use decisions.

PLAN 4724 Sustainable Development 3/0/3

This course examines both theoretical and practical aspects of sustainable development and its relationship to land use planning in an effort to provide students with the skills needed to evaluate and propose activities to plan for sustainable development.

PLAN 4785 Topics in Planning 3/0/3

Prerequisite: PLAN 3701 or PLN 330

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 0/3.0 - 6.0/3.0 - 6.0

Prerequisite: PLAN 3701 or PLN 330

Experience working with agency/organization in which planning knowledge can be utilized.

## Political Science Courses (POLS)

POLS 1101 American Government 3/0/3

A study of government and politics, including the philosophical and constitutional foundations, governing institutions, political behavior and major public policy issues. This course satisfies the State legislative requirement concerning the United States Constitution and the Georgia Constitution. For more information on this institution's eCore courses, please see <http://www.westga.edu/~ecore/>

POLS 2201 State and Local Government 3/0/3

Prerequisite: POLS 1101 or PSC 101

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 I 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 or PSC 101

An analysis of the roles of interest groups and political parties in the American political system with emphasis on their organizations, functions, goals, tactics, and power.

POLS 3102 Gender and Politics 3/0/3

Prerequisite: POLS 1101 or PSC 101

This course is an introductory course that examines the role of gender in the field of political science. This course will explore gender oriented approaches to the range of subjects in political science comparative politics, American politics, political theory, and international relations.

POLS 3103 Media and Politics 3/0/3

Prerequisite: POLS 1101 or PSC 101

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 or PSC 101

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 or PSC 101

An introduction and survey of legal process in American society.

POLS 3401 Comparative Politics 3/0/3

Prerequisite: POLS 1101 or PSC 101

Comparative Politics is the study of the political forces, institutions, and practices of countries in order to describe, explain, predict political events.

POLS 3402 Politics of Western Europe 3/0/3

This course explores the political systems of Western Europe. It investigates basic issues of political arrangements, political parties, and the challenges faced by each nation. It also explores the rise and expanding powers of the European Union. Topics will include government formation, the role of political parties, and how policy is made, among others. Countries will include Britain, France, and Germany, among others.

POLS 3501 International Relations 3/0/3

Prerequisite: POLS 1101 or PSC 101

This is an analysis of the contemporary international system. The course will examine foreign policy decision- decision-making, the use of power, the causes of war, and the role of international law and organizations.

POLS 3601 Political Science Methods II 3/0/3

Prerequisite: POLS 2601

POLS 3601 Political Science Methods II Credits: 3.0 As a sequence of POLS 2601, this course focuses on quantitative research methods for political science. Students are introduced to quantitative data collection methods and basic statistical analyses. Lecture: 3.00 Lab: .00 College: College of Social Sciences Department: Political Science/Planning Pre-requisites: POLS 2601

POLS 3701 Introduction to Urban and Regional Planning 3/0/3

Introduction to fundamental concepts, including physical planning, transportation, housing, land use, urban development, and preservation.

POLS 3702 Land Use Planning and Controls 3/0/3

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.

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.

POLS 4101 Legislative Process 3/0/3

Prerequisite: POLS 1101 or PSC 101

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 made.

POLS 4102 The Presidency 3/0/3

Prerequisite: POLS 1101 or PSC 101

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 or PSC 101

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 formation in America and the impact of government upon citizens' attitudes and opinions are explored.

POLS 4186 Internship in Government 0/1.0 - 6.0/1.0 - 6.0

Prerequisite: POLS 1101 or PSC 101

Students may receive academic credit for personal experience in the political process and/or public employment. Credit hours only apply toward electives.

POLS 4200 Principles of Public Administration 3/0/3

Prerequisite: POLS 1101 or PSC 101

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, legal dynamics, as well as historical development of the field are included.

POLS 4202 Interorganizational Behavior 3/0/3

Prerequisite: POLS 1101 or PSC 101

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 or PSC 101

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 or PSC 101

Technology Policy 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 or PSC 101

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 or PSC 101

Environmental Policy will emphasize the national and state policy making process, focusing on the dynamics of pluralist change, policy implementation and current environmental status.

POLS 4210 Modern Public Management 3/0/3

Prerequisite: POLS 1101 or PSC 101

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 or PSC 101 and POLS 2201

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

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 POLS 3201 or POLS 3401

This course is an introduction to Comparative Public Administration and Policy. Focusing primarily on democratic states, it explores recent innovation in public administration and policy evolution and transformation within the context of the modern welfare state. It examines the institutions and political setting in several countries, which will include both advanced industrial countries and developing nations, and addresses policy areas ranging from social welfare 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 4215 Management of Non-Profit Organizations 3/0/3

This course is designed to explore the theoretical principles and practical applications of management for charities and/or nonprofit organizations. The underlying thesis of this course is that by understanding fundamental principles such as developing effective mission and objectives statements, fundraising, marketing and accounting strategies, nonprofits can become more effective and responsive to their constituency's needs. The course will include a field research component.

POLS 4301 Constitutional Law I 3/0/3

Prerequisite: POLS 1101 or PSC 101 and 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 or PSC 101 and POLS 3301

Study of the application and interpretation of the constitutional protections by the American courts.

POLS 4401 African Politics 3/0/3

Prerequisite: POLS 1101 or PSC 101

Designed to be an introductory course, this course examines, in historical perspective, the current politics systems, movements and cultures of sub-Sahara Africa. The course will also examine the African diaspora to the U.S. and its impact on the American political system.

POLS 4402 Russian Politics 3/0/3

Prerequisite: POLS 1101 or PSC 101

This is 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 or PSC 101

This is 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, issues of political and economic development.

POLS 4405 Politics in the European Union 3/0/3

This course is an introduction to the history, political institutions, and policy of the European Union. In the past half-century, the EU has grown from a set of weak and poorly defined institutions with a limited policy domain and an emphasis on national sovereignty into an extensive political system with increasingly strong supranational actors influencing all aspects of political and economic life.

POLS 4406 British Politics 3/0/3

Prerequisite: POLS 1101

This course analyzes the politics of the United Kingdom, investigating the Norman roots of British politics. It focuses on the evolution and functioning of the current political system and the institutional structure of Britain. We discuss who has the power and how it is used. The course also addresses the interplay between a unitary state structure and regionalism in Scotland, Wales, Northern Ireland and England as well as cultural and political identity in those regions.

POLS 4407 European Environmental Policy 3/0/3

This course is a survey of the critical issues that define the relationship between environmental quality and the course of European integration. These include the historical origins of environmental policy, the difficulties of implementing changing regulations, the role of EU governance in policy implementation, and the future prospects for the EU's success in environmental regulation with an occasional glance at environmental policy in the United States.

POLS 4409 Democracy and Democratization 3/0/3

Prerequisite: POLS 1101 and POLS 3401

This course analyzes the concept of democracy and the process of democratization around the world. First, we will discuss the range of definitions of democracy, and some of the difficulties associated with the concept and its measure. Second, we will examine how key regime characteristics lead to different modes of democratic transitions, and we will identify the key determinants of democratic consolidation. Finally we will study the process of democratic erosion and breakdown through the experiences of Germany, Chile, Russia, and other cases around the world. At the end of the central problems that plague transition and consolidation processes, and synthesize the key findings and conclusions about democratization.

**POLS 4411 Federalism and Multilevel Governance in the EU 3/0/3**

Students taking this course will learn about the different types of federalism in a comparative US-Europe context. In examining the relationship between various levels of government in the EU, the multi-level character of the Union will emerge. The complex relationship between levels of government will be examined.

**POLS 4412 Democracy & the EU 3/0/3**

This course analyzes the concepts of democracy and the process of democratization around the world. First, we will discuss the range of definitions of democracy, and some of the difficulties associated with the concept and it measures. Second, we will examine how key regime characteristics lead to different modes of democratic transitions, and we will identify the key determinants of democratic consolidation. Finally, we study the process of democratic erosion and breakdown.

**POLS 4413 Social Policy in Europe 3/0/3**

This course examines the history of social policy in the European Union, and the course focuses on the current social policy arrangements in Europe and in the European Union. We will examine gender policy, education, child care, elder care, and other policies in the context of improving social conditions in the domestic policy arena.

**POLS 4414 History of European Integration 3/0/3**

This course examines the different integrational pushes in Europe, including the EU. We will compare various regional organizations and examine the reasons that the EU has survived, grown, and prospered when several other alternatives did not.

**POLS 4462 American Politics since 1933 3/0/3**

Prerequisite: POLS 1101

A study of the history of American politics from the New Deal to the present, with emphasis on the history of the presidency, electoral changes, political ideologies, political parties, and national political trends.

**POLS 4501 International Law 3/0/3**

Prerequisite: POLS 1101 or PSC 101

This is an introductory course designed to familiarize students with the body of international law, its applicability, and the existing organs or 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 or PSC 101

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 4504 International Political Economy 3/0/3**

Prerequisite: POLS 1101

This course analyzes the politics of international economic relations, investigating the roots and evolution of the international political economy since World War II, and focusing on the rise and implications of global economic governance and globalization. The course will address the interplay between politics and economics in a range of different issue areas, including the international financial system, international trade, and attempts at regional economic integration.

**POLS 4505 American Foreign Policy 3/0/3**

Prerequisite: POLS 1101

This course is designed as an upper division reading course in American foreign policy. This course will discuss the foreign policy process, a brief history of American foreign policy and its traditions, the inputs and outputs that make up foreign policy and a variety of approaches to understanding foreign policy. The goal of the course is to provide students with the theoretical and analytical tools needed to be intelligent consumers of foreign policy. The course will incorporate current events in American foreign policy as a means of demonstrating the academic concepts of the course in practice.

**POLS 4506 International Conflict and Conflict Management 3/0/3**

Prerequisite: POLS 1101

This course is about violent conflict in the international system. The course will focus on the sources of conflict in international relations and the factors that contribute to conflicts of interest escalating to violent conflict. This course will examine the types of violence in the international system interstate war, internationalized civil war, state failure, and violence by non-state violent actors and the steps that have been taken to reduce and eliminate armed conflict traditional alliances, collective security, arms reduction, non-proliferation efforts, and international law. In addition, this course will explore the changing nature of violence in the international system in areas such as the privatization of military force and the increasing role of non-state violent actors in international politics.

**POLS 4507 US-EU Relations 3/0/3**

This course examines political institutions in the European Union and the United States and how the factors of culture, ideology, history, structure, and political leadership shape action in key policy arenas. The course is focused on the history of the relationship between the EU and the US and on current issues in the transatlantic relationship.

**POLS 4508 European Economic and Monetary Union 3/0/3**

This course addresses the core policies of the enlarged European Union, focusing on those relating to money and monetary decision making. It analyzes the evolution of the major policy areas and institutions, as well as the evolution of the European Monetary System as a whole. It examines the emergence of the Euro and focuses on recent economic trends and problems in the Euro-zone.

**POLS 4509 EU Law & Legal Systems 3/0/3**

This course focuses on the legal institutions that constitute the European Union and the legal processes of those institutions. The course examines the body of law, both static and dynamic, on which these institutions rest and that have been produced by the institutions themselves. This law includes the several treaties that provide the legal basis of the EU; the body of statutory law enacted by the Parliament, the Council, and the Commission; and the judicial decisions adjudicated by the Court of Justice and the Court of First Instance; and finally, the administrative rulings issued by the European Ombudsman.

**POLS 4601 Ancient and Medieval Political Thought 3/0/3**

Prerequisite: POLS 1101 or PSC 101

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 or PSC 101

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, Hegel, and Nietzsche, exploring issues like freedom, family, community, order, and the modern state.

**POLS 4603 American Political Thought 3/0/3**

Prerequisite: POLS 1101 or PSC 101

A critical reading of selected essays, speeches, debates, and literary works from America's great and unique political tradition. The course will focus on various major themes, for instance, commerce, freedom, justice, race, democracy, representation, community, or family life.

**POLS 4701 Technology and Sustainable Economic Development 3/0/3**

Examines economic development policy at all levels of government and the role technology can play in helping promote sustainable economic development.

**POLS 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. Same as PLAN 4704.

**POLS 4705 Computers in Politics, Planning, and Management 3/0/3**

This course will acquaint students with computer-based methods that are used in the fields of political science, planning and public administration.

**POLS 4721 Housing and Community Development 3/0/3**

Introduction to housing and community development issues, problems and policy. Attention is focused on the operation of the housing market, historical development of housing and community development problems, and the evaluation of public and private sector responses to these problems.

**POLS 4722 Environmental Planning 3/0/3**

Introduction to the concepts of environmental planning through an overview of problems, potential solutions, and their relation to methodologies, existing institutions, and other public policy areas.

**POLS 4723 Transportation Planning 3/0/3**

Introduction to the U.S. transportation system and how planning is done for it. Examines contemporary U.S. transportation problems, sources of funding, institutions, and legislation. Presents the theory and methods employed by planners in resolving transportation problems through investment decision plans, operating strategies, and government policies. Stresses the close relationship between transportation and land use decisions.

**POLS 4724 Sustainable Development 3/0/3**

This course examines both theoretical and practical aspects of sustainable development and its relationship to land use planning in an effort to provide students with the skills needed to evaluate and propose activities to plan for sustainable development.

**POLS 4981 Directed Reading in Political Science 0/1.0 - 3.0/1.0 - 3.0**

Prerequisite: POLS 1101 or PSC 101

In-depth, individualized research on specific political problems and issues.

**POLS 4984 Senior Seminar 3/0/3**

Prerequisite: POLS 1101 or PSC 101

The Senior Seminar is a capstone course that offers students a broad overview of the discipline of political science. The specific purpose of this course is to identify and to 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 or PSC 101

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.

## 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 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, and personality. For more information on this institution's eCore courses, please see <http://www.westga.edu/~ecore/>

PSYC 2010 Psychology as a Human Science 3/0/3

Prerequisite: PSYC 1101

This gateway course is intended to introduce beginning psychology majors to the major philosophical and methodological alternatives to psychology a natural science. This exploration will include: third and fourth force psychologies, integrative psychology, postmodernism, psychoanalysis, phenomenology, eco-psychology, qualitative research methodologies, narrative psychology, critical psychology, literature, mythology. This course will serve as preparation for more advanced study in the UWG major.

PSYC 3010 Human Growth and Development 4/0/4

Prerequisite: PSYC 1101

An overview of psychological growth and development across the life-span.

PSYC 3110 Human Sexuality 3/0/3

Prerequisite: PSYC 1101

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

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: PSY 201 or PSYC 1101

Introduction to organizational process; creation of organizational growth climates; examination and selection of effective leadership styles and effective modes of communication; coping with the future in periods of accelerating change.

PSYC 3310 Psychological Services 3/0/3

Prerequisite: PSY 201 or PSYC 1101

An introduction to the field of psychological services which will explore a variety of services, and their meaning for human experience and human growth.

PSYC 3470 Existential Psychology 3/0/3

Prerequisite: PSYC 1101

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

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

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:** PSY 201 or PSYC 1101

Exploration into modes of communication with self, others and environment; a study of verbal and nonverbal conveyances of meaning.

**PSYC 3703 Behavior Modification 3/0/3****Prerequisite:** PSYC 1101

Theoretical formulations and practical applications of behavioral techniques, especially as they apply to management and control of behavior in the school. Same as CEPD 3703, SEPD 3703.

**PSYC 3730 Social Psychology 4/0/4****Prerequisite:** PSYC 1101

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 and Body 4/0/4****Prerequisite:** PSY 201 or PSYC 1101

This course examines the effect of psychological experiences on bio-physiological processes. Topics discussed include: Psychoneuroimmunology, state dependent learning, 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 Theories 4/0/4****Prerequisite:** PSYC 1101

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 4000 Humanistic Psychology 4/0/4****Prerequisite:** PSYC 1101 and PSYC 2010

This course is an in-depth exploration of the field of humanistic psychology, which is the central focus of the West Georgia Department of Psychology. The course is primarily intended for Psychology Majors, to provide them with the guiding ideas, theories, philosophies, methods, and topics which inform aspects of many of the other courses offered by the Department.

**PSYC 4003 Statistics for the Social Sciences 3/0/3****Prerequisite:** PSYC 1101

Provides a systematic, precise and rational perspective based on probability theory. Learning involve descriptive and inferential statistics and computer application of statistical packages. Same as SOCI 4003 and CRIM 4003.

PSYC 4010 Theories of Psychology 4/0/4

Prerequisite: PSYC 1101 and PSYC 2010

A comparative examination of several of the major theoretical perspectives alive in psychology today psychodynamic, behavioral, humanistic/existential/transpersonal, cognitive, biological, social/critical. These perspectives will be taken up as both providing comprehensive models for living as well as establishing divergent foundations for research and practice. An important emphasis will be appreciating the coherence of each perspective while also being able to move between them.

PSYC 4030 History and Philosophy of Psychology 4/0/4

Prerequisite: PSY 201 or PSYC 1101

An intensive exploration of the major theoretical themes in psychology in historical and contemporary contexts.

PSYC 4040 Psychology of Dreams 3/0/3

Prerequisite: PSY 201 or PSYC 1101

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: PSY 201 or PSYC 1101

A study of myths and symbols in human expression.

PSYC 4085 Horizon Seminar 3.0 - 4.0/0/3.0 - 4.0

Prerequisite: PSYC 1101

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: PSY 201 or PSYC 1101

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 2010 or PSYC 2000

Introduction to spiritual experience and its understanding in Hinduism, Buddhism, and Transpersonal psychologies.

PSYC 4140 Psychology of Gender 3/0/3

Prerequisite: PSY 201 or PSYC 1101

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: PSY 201 or PSYC 1101

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 and SEPD 4150.

PSYC 4160 Psychology of Love 3/0/3

Prerequisite: PSY 201 or PSYC 1101

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 relation are discussed.

PSYC 4190 Advanced Organizational Development 3/0/3

Prerequisite: PSY 201 or PSYC 1101

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 agent in the organizational context.

PSYC 4200 Parapsychology 3/0/3

Prerequisite: PSY 201 or PSYC 1101

An examination of the ways scientists and psychologists investigate unusual experiences such as telepathy, precognition, 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: PSY 201 or PSYC 1101

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: PSY 201 or PSYC 1101

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: PSY 201 or PSYC 1101

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: PSY 201 or PSYC 1101

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 1101

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 4/0/4

Prerequisite: PSY 201 or PSYC 1101 and PSYC 2000 or PSYC 2010

Cross-cultural and social explorations that examine the impact of culture on psychological life. Varies by semester.

PSYC 4360 Community Psychology 4/0/4

Prerequisite: PSYC 1101

An overview of the history, philosophy, methods and practice of community psychology with a focus on current community challenges. Students will obtain direct experience in both community research and praxis.

PSYC 4500 Explorations into Creativity 3/0/3

Prerequisite: PSY 201 or PSYC 1101

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: PSY 201 or PSYC 1101

An overview of the farther reaches of human development including consideration of consciousness studies, altered states of consciousness, spiritual growth, ways of knowing.

PSYC 4660 Advanced Topics in Abnormal Psychology 3/0/3

Prerequisite: PSYC 3150 or PSY 315

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: PSY 201 or PSYC 1101

A study of the human need to structure living around sets of meanings and values and a consideration of the spiritual nature and implications of this need.

PSYC 4760 Introduction to Psychotherapy 3/0/3

Prerequisite: PSY 201 or PSYC 1101

An introductory course in psychotherapy providing counseling and communications skills for pre-professionals.

PSYC 4864 Consumer Behavior 3/0/3

Prerequisite: PSYC 1101

An 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 0/1.0 - 4.0/1.0 - 4.0

Prerequisite: PSY 201 or PSYC 1101

Title and description of specific courses to be inserted at the time of offering. May be repeated for credit.

PSYC 4884 Integrative Seminar 3/0/3

Prerequisite: PSYC 1101

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 0/1.0 - 8.0/1.0 - 8.0

Prerequisite: PSYC 1101

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.

PSYC 1040 Career and Job Search Strategies 3/0/3

Focuses on the development of competencies, which enable students to successfully develop and manage their career paths, e.g., career assessment.

## PTED 12 Education Courses (PTED)

PTED 4539 Methods in Foreign Language P-12 3/2/5

Prerequisite: TE

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.

PTED 4586 Teaching Internship 0/14.0 - 40.0/3.0 - 9.0

Prerequisite: FE and TE

Teaching one semester in the public schools at the P-12 level under the supervision of an experienced, qualified classroom teacher. Seminars are scheduled as an integral part of the student teaching experience. Taken concurrently with PTED 4589, Student Teaching Seminar.

PTED 4587 Teaching Internship 0/14/3

Prerequisite: FE and TE

Teaching one semester in the public schools at the P-12 level under the supervision of an experienced, qualified classroom teacher. Seminars are scheduled as an integral part of the student teaching experience. Taken concurrently with PTED 4589, Student Teaching Seminar.

PTED 4588 Teaching Internship 0/14/3

Prerequisite: FE and TE

Teaching one semester in the public schools at the P-12 level under the supervision of an experienced, qualified classroom teacher. Seminars are scheduled as an integral part of the student teaching experience. Taken concurrently with PTED 4589, Student Teaching Seminar.

## Personal Wellness And Leisure Activity Courses (PWLA)

**(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 management, mental health, human sexuality, diseases, and substance abuse. Focus 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

This course is 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 fit as they desire. Health-related components of physical fitness, advantages and benefits of water aerobics as well as nutrition and weight control will be discussed.

PWLA 1615 Badminton: Beginning 0/2/1

This course 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

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 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 1635 Dance: Line 0/2/1

This course is designed to enhance skill acquisition in the area of line dancing and 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; etiquette to include dances such as the Fox trot, waltz, tango, Cha-cha, swing, Lindy, jitterbug, line dances, and current popular dances.

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

Review and refinement of beginning skills; 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: PWLA 1650

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 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

This course offers the student the opportunity to 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

This course is designed to teach students the skills needed to play soccer as a lifetime sport. These skills 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, cardiovascular 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 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

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 the breathing. The focus centers on connecting the mind, the body, and breathing. The 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

This course is designed to provide the fundamental skills and knowledge base needed to participate in tennis as a lifetime activity. 1692 This course is designed to provide the fundamental skills and knowledge base needed to participate in tennis as a lifetime activity.

PWLA 1692 Tennis: Intermediate 0/2/1

Review and refinement of beginning skills; volley; lobs; smash; topspin serve; strategy; 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; basic strategy.

PWLA 1696 Volleyball: Intermediate 0/2/1

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 0/2/1

This course offers activities to accommodate student needs and interests--e.g., martial arts, roller skating, self defense, etc.

PWLA 2651 Independent Activity 1/0/1

This course is available only to students with disabling conditions, medical restrictions, or similar unique situations. This course is available only to students with prior permission from the department.

PWLA 2685 Special Topics in Physical Education 3/0/3

Titles and descriptions of specific course will be specified at time of offering. May be repeated for credit.

## Reading Courses (READ)

READ 99 Improvement of Reading 3/0/3

This is a three 3 hour institutional credit course which aims at identifying and correcting reading or reading related problems, guiding students in improving of learning skills, and exposing students to a variety of reading experiences and techniques for developing reading fluency.

READ 3251 Children's Literature 3/0/3

Prerequisite: TE

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 3/0/3

Prerequisite: TE

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

Prerequisite: TE

A study of language acquisition and the development of the language arts curriculum with an emphasis on reading-writing connections. Admission to Teacher Education. Must be taken concurrently with ECED 4251, ECED 4283, READ 4251, SPED 3715 and MATH 3803.

READ 4251 Assessment and Correction Reading Education 3/0/3

Prerequisite: TE and FE and READ 3262

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: TE

This course surveys the past and current literature available for middle level learners and the role literature should play in their lives.

READ 4253 The Reading Writing Connection 3/0/3

Prerequisite: TE

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 4254 Reading and Writing in the Content Areas 3/0/3

Prerequisite: TE

The course includes a thorough examination of reading skills peculiar to various subject matter areas in middle grades education. Application of reading strategies, thematic units that integrate the content areas, and reflections on related research concerning students of diverse cultures will be implemented throughout the course.

READ 4285 Special Topics 1.0 - 3.0/0/1.0 - 3.0

Prerequisite: TE

Titles and descriptions of specific courses to be inserted at time of offering. May be repeated for credit.

## Real Estate Courses (RELE)

RELE 3701 Real Estate Marketing 3/0/3

Prerequisite: GPA2 2.00 and COBM 1

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. Experimental exercises and video feedback techniques are used throughout the course.

RELE 3705 Real Estate Principles 3/0/3

Prerequisite: GPA2 2.00 and COBM 1

Emphasis on principles and fundamental concepts. Course provides basic information for the student preparing for a career in real estate, 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 data bases, including sales, rents and mortgage loans. Internet basics such as web sites, 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 REA 305 or FINC 3511 or FIN 360

Analyze the different financial institutions that are sources of equity and mortgage funds for the real estate industry. 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 or REA 305

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 REA 305

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 form appraisal report of a residential property ties the principles and concepts presented together.

RELE 4707 Income Property Appraisal 3/0/3

Prerequisite: RELE 3705 or REA 305 or RELE 4701 or REA 401

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: RELE 4706 or RELE 4704

To give the student an overview of the theory and practices of the Uniform Standards of Professional Appraisal Practice USPAP and to meet the appraisal license requirements of State of Georgia.

RELE 4781 Independent Study Real Estate 0/3/3

Prerequisite: RELE 3705 or REA 305

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 or REL 305

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 or REA 305

Practical marketing related experience with a previously approved business. Firm for selected junior or senior students.

## Secondary Education Courses (SEED)

SEED 4240 Instructional Strategies for Secondary Mathematics Education 3/0/3

Prerequisite: TE and FE

Exploration of models, techniques, strategies, formal assessment, and research for teaching secondary mathematics.

SEED 4240L Instructional Strategies for Secondary Mathematics Education I 0/2/1

Prerequisite: TE and FE

This course consists of the field experience that accompanies SEED 4240. Must be taken concurrently with SEED 4240.

SEED 4242 Instructional Strategies for Secondary Science Education 3/0/3

Prerequisite: TE and FE

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.

SEED 4242L Instructional Strategies for Secondary Science Education Laboratory 0/2/1

Prerequisite: TE and FE

This course consists of the field experience that accompanies SEED 4242. Must be taken concurrently with SEED 4242.

SEED 4243 Instructional Strategies for Secondary Social Studies Education 3/0/3

Prerequisite: TE and FE

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.

SEED 4243L Instructional Strategies for Secondary Social Studies Education Laboratory 0/2/1

Prerequisite: TE and FE

This course consists of the field experience that accompanies SEED 4243. Must be taken concurrently with SEED 4243.

SEED 4271 Secondary School Curriculum and Related Topics 2/0/2

Prerequisite: TE and FE

Students will reflect on trends and issues in curriculum, gain knowledge and skills needed in curricular decision making, and in developing classroom management strategies. They will learn to assess student progress and will discuss professional ethics.

SEED 4271L Instruction, Assessment, and Management in the Secondary Classroom Lab 0/2/1

Prerequisite: TE and FE

This course consists of the field experience that accompanies SEED 4271. Must be taken concurrently with SEED 4271.

SEED 4285 Special Topics in Education 3/0/3

Prerequisite: TE

descriptions of specific courses to be inserted at time of offering. May be repeated for credit.

SEED 4286 Teaching Internship 0/18/9

Prerequisite: TE and FE

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. Application for field experience required prior to enrollment. Taken concurrently with SEED 4289.

SEED 4287 Teaching Internship I 0/6/3

Prerequisite: TE and FE

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. Application for field experience required prior to enrollment. Provisionally certified students only.

SEED 4288 Teaching Internship II 0/6/3

Prerequisite: TE and FE

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. Provisionally certified students only; taken concurrently with SEED 4289.

SEED 4289 Teaching Internship Seminar 3/0/3

Prerequisite: TE

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. Will also serve as a capstone experience for satisfying exit requirements of the program. Taken concurrently with SEED 4286 or SEED 4288.

## **Speech Language Pathology Courses (SLPA)**

SLPA 3701 Introduction to Communication Disorders 3/0/3

Prerequisite: TE

An introduction to the nature of communicative disorders, including speech, hearing and language disorders in children and adults. Methods of identification and remediation are ex-

pored. This course is structured to provide speech pathology majors with an overview of the profession of communicative disorders.

SLPA 3702 Speech and Language Acquisition 3/0/3

Prerequisite: TE

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: TE

Applied phonetic analysis and transcription. Applications to the problems of speech improvement, speech disorders, and standard and non-standard English. This course is designed for speech-language pathology majors. Must be taken as a prerequisite to articulation and phonological courses in speech-language pathology program. This course requires 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: TE

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: TE

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: TE and SLPA 3701 and 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 approaches to intervention. Students will also 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 3790 Introduction to Clinical Practicum: Observation 1/6/3

Prerequisite: TE and SLPA 3701 and SLPA 3702 and 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: TE and SLPA 3701 and SLPA 3702 and 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 prevention of language disorders, and assessment and intervention strategies for working with children with language disorders.

SLPA 4703 Introduction to Audiology 3/0/3

Prerequisite: TE and SLPA 3701 and 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: TE

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 3/0/3

Prerequisite: TE and SLPA 3701 and SLPA 3702 and 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 3/0/3

Prerequisite: TE and SLPA 3701 and 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: TE and SLPA 3701

This course provides an overview of the role that cultural variables play on verbal and non-verbal 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 3/0/3

Prerequisite: TE and SLPA 3701 and SLPA 3702 and SLPA 3760 and SLPA 3790 and SLPA 4701

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 prerecorded 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: TE and 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: TE and 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 0/1.0 - 3.0/1.0 - 3.0

Prerequisite: TE

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. Title and description of specific courses to be inserted at time of offering. May be repeated for credit. Requires permission of instructor.

## Sociology Courses (SOC)

SOCI 1101 Introductory Sociology 3/0/3

A survey of the discipline of sociology. Topics will include sociological theory, methods and selected substantive area. For more information on this institution's eCore courses, please see <http://www.westga.edu/~ecore/>

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

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 Communicating Sociology 3/0/3

Prerequisite: SOCI 1101

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

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, stand-up 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 SOC 105

This course will provide an overview of the social work profession, and of the field of social welfare, including the history, philosophy, and values 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

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 MGNT 3627.

SOCI 3283 Globalization 3/0/3

Prerequisite: SOCI 1101 with a minimum grade of C

Examines the impact of globalization on cultural identity, assesses how economic globalization has influenced the autonomy of the nation-state, and surveys the institutional innovations that have emerged in response to increasing global interdependency.

SOCI 3293 Marriage and Family 3/0/3

Prerequisite: SOCI 1101

The process of creating a marriage and family requires many personal choices in a social context that is full of individualism, economic pressure, social diversity, and decreasing marital permanence. 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 of Religion 3/0/3

Prerequisite: SOCI 1101 or SOC 105

In this course religion is examined from a distinctly sociological perspective. The course aims to lead students toward a sociological awareness of the complexity of the interrelationships of religion and society. 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 SOC 105

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 SOC 105

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 SOC 105

Focuses on sociology's contributions to the development of social psychology as they relate to identity, emotion, face-to-face interaction and group dynamics.

SOCI 3743 Collective Behavior and Social Movements 3/0/3

Prerequisite: SOCI 1101 or SOC 105

Collective behavior refers to behavior ranging from fads and rumors to panics and disasters. Social movement behavior refers to behaviors associated with more formal organizations established to achieve a goal of social change

SOCI 3804 Death, Grief and Caring 3/0/3

Prerequisite: SOCI 1101 or SOC 105

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 SOC 105

Analysis of the contemporary class system in the U.S. Attention to theoretical perspectives, the history of inequality, and social mobility will be included.

SOCI 3954 Aging: Past, Present, and Future 3/0/3

Prerequisite: SOCI 1101 or SOC 105

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

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 SOC 105

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 Applied Statistics for Sociology 3/0/3

Prerequisite: SOCI 1101

Introduction to statistical methods used in the analysis of quantitative social science data. This course focuses on applying common statistical techniques to real-world problems. Students will also gain experience explaining statistical analysis to both technical and non-technical audiences. Pre-requisite: SOCI 1101

SOCI 4015 Analyzing & Visualizing Data 3/0/3

Prerequisite: SOCI 4003

Students gain experience using a variety of software applications to create charts, graphs, and other visual presentations of social science data in order to communicate complex quantitative information to non-specialists.

SOCI 4053 Sociological Theory 3/0/3

Prerequisite: SOCI 1101 or SOC 105

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

The goal of this seminar is to help students to 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 sociodemographic 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 SOC 105

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 student 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 SOC 105

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 SOC 105

The 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 grand parenting, intergenerational relations, family care giving, 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 or SOC 105

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 SOC 105

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. The focus is housing development in the United States throughout the twentieth century with special attention to its association with economic, gender, race, and family relations, along with public policy. Consideration is given to problems and controversies surrounding 'the American dream': segregation, overcrowding, affordability, urbanization/suburbanization, accessibility, and alternative housing. Special attention will be given to the problem of homelessness.

SOCI 4323 Cultural and Racial Minorities 3/0/3

Prerequisite: SOCI 1101 or SOC 105

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 equality 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; ideologies and programs to assist or resist change. African American experiences are emphasized and contrasted with those of other racial/ethnic groups.

SOCI 4325 Social Change in the Middle East 3/0/3

Prerequisite: SOCI 1101 with a minimum grade of C

Surveys the physical and cultural geography of the Middle East and examines the most important social, cultural and political forces to have impacted the region in the 20th century.

SOCI 4333 Urban Sociology 3/0/3

Prerequisite: SOCI 1101 or SOC 105

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 SOC 105

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 0/3.0 - 6.0/3.0 - 6.0

Prerequisite: SOCI 1101 and SOCI 4000 and SOCI 4053

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 SOC 105

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 Health 3/0/3

Prerequisite: SOCI 1101 or SOC 105

This course presents a sociological introduction to the conceptualization and subsequent treatment of mental illness.

SOCI 4445 Sociology of Childhood 3/0/3

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, this includes family, parenting, school, and other socialization issues.

SOCI 4543 Deviant and Alternative Behavior 3/0/3

Prerequisite: SOCI 1101 or SOC 105

Analysis and evaluation of sociological conceptions and research on deviant and unconventional thought and action. Focuses on contemporary, multicultural society.

SOCI 4613 Qualitative Research 3/0/3

Prerequisite: SOCI 4000 or CRIM 4000 or SOCI 4053

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 4613.

SOCI 4623 Art, Media, Cultural Politics 3/0/3

Prerequisite: SOCI 1101 or SOC 105

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 SOC 105

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 SOC 105

Examines the ways in which feelings and emotions are socially and culturally produced, defined, and learned, the ways they are embedded in and emblematic of society, and the consequences of the social construction of emotions for self identity, gender, race and ethnicity, aging, health and illness, inequality, power, work, deviance, ethics, law, etc.

SOCI 4734 Social Work Skills 3/0/3

Prerequisite: SOCI 1101 or SOC 105

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 SOC 105

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 a critical examination and comparison of various sociological viewpoints themselves. Considers global problems and everyday situations with a focus on modernity as risk society.

SOCI 4915 Violence Against Women 3/0/3

Prerequisite: SOCI 1101

This seminar explores the intersections of gender and violence. We shall analyze dynamics between men/boys and women/girls and situate them within the context of US society and culture. Our aim is to understand their origins, forms and effects and to identify changes that can be made to reduce and prevent their occurrence.

SOCI 4916 Gender and Work 3/0/3

Prerequisite: SOCI 1101

This seminar explores the intersections of gender and work. The work we do and are expected to do are influenced in large part by our sex and gender. This course will examine how gender influences our ideas of work, how it affects the ways in which work is structured, how work is divided, how work is rewarded, and how work and family compete in a contemporary society. Special attention will be paid to occupational segregation both horizontal and vertical, wage inequality, and articles, discussion, films, and other media to meet the objectives.

SOCI 4981 Directed Readings 1.0 - 3.0/1.0 - 3.0/1.0 - 3.0

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 4982 Capstone: Internship 0/0/3

Prerequisite: SOCI 4000 and SOCI 4053

This course combines fieldwork in an internship setting and in-class experiences designed to instruct students in ways of learning from the internship and reporting on the sociological insights that they have acquired in oral and written forms. This course is an option that satisfies the capstone requirement for graduation.

SOCI 4983 Capstone: Senior Thesis 0/0/3

Prerequisite: SOCI 4000 and SOCI 4053

This course 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. Instructor approval required.

SOCI 4984 Capstone: Senior Seminar 3/0/3

Prerequisite: SOCI 4053 and SOCI 4000

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

Detailed study of topics not currently included in course catalog. Specific titles will be announced for semester offered and will be entered on transcripts. Repeatable under different titles.

## 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 minimum grade of C or SPA 101 with a minimum grade of C  
Continued listening, speaking, reading and writing in Spanish with 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

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 minimum grade of C or SPA 102 with a minimum grade of C  
A rapid review of grammar with continued use of listening, speaking, and reading and writing skills, all with a cultural emphasis. Prerequisites: SPAN 1002 or equivalent. For more information on this institution's eCore courses, please see <http://www.westga.edu/~ecore/>

SPAN 2002 Intermediate Spanish II 3/0/3

Prerequisite: SPAN 2001 with a minimum grade of C or SPA 103 with a minimum grade of C  
Listening, speaking, and reading and writing skills in an introduction to literature and within a cultural context. Prerequisite: SPAN 2001 or equivalent. For more information on this institution's eCore courses, please see <http://www.westga.edu/~ecore/>

SPAN 3030 Introduction to Hispanic Literature 3/0/3

Prerequisite: SPAN 2002 with a minimum grade of C

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-Columbiana poetry, Sor Juana, Bernal Diaz, Las Casas, Sarmiento, Dario, Storni, Neruda, Borges, Garcia Marquez, Fuentes, Ferre, El Cid, Lope de Vega, Unamuno, Becquer, Lorca, Cela, Montero and Tusquets.

SPAN 3101 Spanish Conversation 3/0/3

Prerequisite: SPAN 2002 with a minimum grade of C or SPA 104

Intensive practice of spoken Spanish, vocabulary expansion and development of idiomatic expressions. Use of contemporary cultural readings, films, video, and interaction with native speakers.

SPAN 3102 Spanish Composition 3/0/3

Prerequisite: SPAN 2002 with a minimum grade of C

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 SPA 103

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 3102 with a minimum grade of C and SPAN 3030 with a minimum grade of C

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 these texts. Readings will vary, but might include works by Lizardi, Azuela, Asturias, Cortazar, Fuentes, Carpenter, Garcia Marquez and others.

SPAN 4004 Hispanic Drama 3/0/3

Prerequisite: SPAN 3102 with a minimum grade of C and SPAN 3030 with a minimum grade of C

An introduction to Hispanic theater through the ages. It includes readings from the works of Lorca, Buero Vallejo, Valdes, Carballido, Gorostiza and others. These will be considered in their historical and contemporary contexts.

SPAN 4006 Latin-American Poetry 3/0/3

Prerequisite: SPAN 3102 with a minimum grade of C and SPAN 3030 with a minimum grade of C

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 David Mistral, Vallejo, Huidobro, Guillen, Neruda, Paz and others.

SPAN 4007 Latin-American Short Story 3/0/3

Prerequisite: SPAN 3102 with a minimum grade of C and SPAN 3030 with a minimum grade of C

A study of the Short Story in Spanish America with representative readings from different countries and different literary periods.

SPAN 4012 Spanish Culture and Civilization 3/0/3

Prerequisite: SPAN 3102 with a minimum grade of C and SPAN 3030 with a minimum grade of C

A systematic study of ancient and modern history, culture, and contemporary lifestyle in Spain.

SPAN 4013 Latin American Culture and Civilization 3/0/3

Prerequisite: SPAN 3102 with a minimum grade of C and SPAN 3030 with a minimum grade of C

A systematic study of ancient and modern history, culture, and contemporary lifestyle in the Americas.

SPAN 4040 Spanish Linguistics 3/0/3

Prerequisite: SPAN 3102 with a minimum grade of C and SPAN 3030 with a minimum grade of C

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 3102 with a minimum grade of C and SPAN 3030 with a minimum grade of C

A comprehensive course designed to promote proficiency in speaking, listening, reading and writing.

## SPAN 4200 Hispanic Film and Literature 3/0/3

Prerequisite: SPAN 3102 with a minimum grade of C and SPAN 3030 with a minimum grade of C

A study of Hispanic film and literature.

## SPAN 4205 Hispanic Literature and Culture in Context 3/0/3

Prerequisite: SPAN 3102 with a minimum grade of C and SPAN 3030 with a minimum grade of C

Literary analysis of fiction, essays, poetry, or drama representing a cultural theme. Topics varies.

## SPAN 4210 Modern Spanish Novel 3/0/3

Prerequisite: SPAN 3102 with a minimum grade of C and SPAN 3030 with a minimum grade of C

A study of nineteenth and twentieth-century novels, including Balera, Galdos, Unanmuno, Valle-Inclan, Azorin. Also includes post-war and contemporary novels by Cela, Laforet, Matute, Boyisolo, Delibes, C. Rojas, Mayoral, Rosa Montero, Munoz Molina, Luis Landero.

## SPAN 4240 Spanish Short Story 3/0/3

Prerequisite: SPAN 3102 with a minimum grade of C and SPAN 3030 with a minimum grade of C

A study of the short story in Spain with representative readings.

## SPAN 4250 Translation 3/0/3

Prerequisite: SPAN 3102 with a minimum grade of C and SPAN 3030 with a minimum grade of C

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.

## SPAN 4260 Modern Spanish Poetry 3/0/3

Prerequisite: SPAN 3102 and SPAN 3030

Selected readings of Unamuno, Juan Ramon Jimenez, Antonio Machado, Generation of 1927, Aleixandre, Pedro Salinas, Jorge Guillen, Federico Garcia Lorca, Damaso Alonso, Rafael Alberti, Miguel Hernandez and poetry of the post-war period and democratic Spain.

## SPAN 4280 The Spanish Golden Age 3/0/3

Prerequisite: SPAN 3102 with a minimum grade of C and SPAN 3030 with a minimum grade of C

A study of representative works of the Golden Age 16th and 17th centuries in Spain.

## SPAN 4484 Senior Capstone 1/0/1

Students will prepare a portfolio in which they will assess their linguistic and cultural knowledge acquired in courses already taken and courses taken during the Capstone semester. At least 51% of this course is on-line. Portfolios will be prepared electronically and will consist of a web page. This format will ensure that the student has the ability to use current technology and will be able to utilize a wide range of resources used in the modern work place, the language classroom, and graduate school. Students will be required to pass an oral proficiency interview.

SPAN 4501 Foreign Language Teaching in Elementary Schools 3/0/3

Prerequisite: TE

This course is designed for students seeking a degree in Foreign Language Education. It treats the principles of foreign language methodology and curriculum design applied to elementary school teaching and includes class observation, planning of instruction, and field experience.

SPAN 4785 Special Topics in Spanish 0/1.0 - 3.0/1.0 - 3.0

Prerequisite: SPAN 3102 with a minimum grade of C and SPAN 3030 with a minimum grade of C

Readings, reports, and/or direct study abroad.

## Special Education Courses (SPED)

SPED 3701 Language Development of Children with Disabilities 3/0/3

Prerequisite: TE

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: TE

Application and interpretation of formal and informal test measures designed for classroom evaluation of children.

SPED 3703 Behavior Modification 3/0/3

Prerequisite: TE

Theoretical formulations and practical applications of behavioral techniques, especially as they apply to classroom management and assisting students in developing prosocial behavior.

SPED 3705 Policies and Procedures in Special Education 3/0/3

Prerequisite: TE

Coverage of procedures pertinent to teachers providing special education services, including federal and state regulations, IEP's and development of basic instructional plans.

SPED 3707 Transition Services for Students with Disabilities 2/0/2

Prerequisite: TE

A study of transition services needed by students with disabilities at secondary/middle school, elementary and preschool levels.

SPED 3713 Introduction to Special Education and Mild Disabilities 3/0/3

Prerequisite: TE

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: TE

Theoretical formulations and practical applications of behavioral and instructional techniques, especially as they apply to classroom management and assisting students in developing prosocial 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' ranges and levels of severity, 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 of all students.

**SPED 3751 Practicum I 3/0/3**

Prerequisite: TE and FE and MEDT 3401 and READ 3251 and CEPD 4101 and SPED 3713 and SPED 4709 and READ 4253

Field experience in the public schools under the supervision of an experienced, qualified classroom teacher in the field of intended certification. This field experience supports course-work in the general program in special education. Requires full time participation in a school setting for part of the semester.

**SPED 3752 Practicum II 3/0/3**

Prerequisite: TE and FE

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. Application for field experience required prior to enrollment. Requires admission to Teacher Education; Block I or permission of instructor. permission of instructor.

**SPED 3761 Mild Disabilities: Methods for Literacy and Social Studies 3/0/3**

Prerequisite: TE and MEDT 3401 and READ 3251 and CEPD 4101 and SPED 3713 and SPED 4709 and READ 4253

A study and application of curriculum methods, classroom organization, and management for students with specific learning disabilities and those with emotional behavioral disorders in literacy reading, writing and social studies.

**SPED 4705 Characteristics of Learner: LD and BD 3/0/3**

Prerequisite: TE

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. Field experience required.

**SPED 4709 Special Education Policies and Procedures 3/0/3**

Prerequisite: TE

Coverage of ethical guidelines, policies, and procedures pertinent to teachers who provide special education services, including current laws, ethical standards, federal and state regulations, individualized education programs, and transition planning. Must be taken concurrently with SPED 3713.

**SPED 4710 Ethics, Policies, and Procedures in Special Education 2/0/2**

Prerequisite: TE

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. Must have completed all courses from Block II.

SPED 4712 Language, Communication and Technology: Mild Disabilities 3/0/3

Prerequisite: TE and SPED 3702 and SPED 3714 and SPED 3751 and SPED 3761 and READ 3262

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. Must have completed all courses from Block II.

SPED 4713 Collaboration in School Settings 3/0/3

Prerequisite: TE and SPED 3702 and SPED 3714 and SPED 3751 and SPED 3761 and READ 3262

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. Must have completed all courses from Block II.

SPED 4761 Mild Disabilities: Methods for Science and Math 3/0/3

Prerequisite: TE and SPED 3702 and SPED 3714 and SPED 3751 and SPED 3761 and READ 3262

A study and application of curriculum, methods, classroom organization, and management for students with mild disabilities in math and science. Must be taken concurrently with SPED 4712, SPED 4713, and SPED 3752.

SPED 4765 Curriculum and Methods: LD and BD 3/0/3

Prerequisite: TE and SPED 4705

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 0/1.0 - 3.0/1.0 - 3.0

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

Prerequisite: FE and TE

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. Application for field experience required prior to enrollment. Must be taken concurrently with SPED 4789. Requires completion of Blocks I-III or permission of instructor.

SPED 4789 Internship Seminar 3/0/3

Prerequisite: TE

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. Requires completion of Blocks I-III or permission of instructor; must be taken concurrently with SPED 4786.

SPED 4791 Practicum: Learning Disabilities and Behavior Disorders 0/6/3

Prerequisite: TE and SPED 4705 and 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.

## Sport Management Courses (SPMG)

(All courses carry three credit hours unless otherwise specified)

SPMG 2600 Introduction Sport Management 3/0/3

Prerequisite: and GPA2 2.00

Course provides an overview of basic knowledge areas for the successful Sport Manager.

Fundamental sport management principles, key skills required for success, and current issues are emphasized. A 2.0 GPA is required.

SPMG 2685 Special Topics in Sport Management 0/1.0 - 3.0/1.0 - 3.0

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 3/0/3

Prerequisite: SPMG 2.50

Students in this course will examine 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. Requires admission to the sport management major.

SPMG 3661 Sociology of Sport 3/0/3

Prerequisite: SPMG 2.50

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 3/0/3

Prerequisite: SPMG 2.50

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. Requires an overall GPA of at least 2.50.

SPMG 3663 Sport Facility and Event Management 3/0/3

Prerequisite: SPMG 2.50

This course is designed to develop student understanding and competencies necessary regarding designing, planning, and controlling of sport facilities and sport event logistics. Topics include: scheduling the sport facility, planning and scheduling of sport events, box office management, security and supervision of facility events, safety and medical services, house-keeping and maintenance, concessions and merchandise, risk management and insurance, media marketing of sport events, sponsorship of and hospitality at sport events, and assessment of the sport event.

SPMG 3664 Economics and Finance in Sport 3/0/3

Prerequisite: SPMG 2.50

This course examines traditional and innovative methods of revenue acquisition and financial management in sports organizations. In addition, it examines the broader economic impact and implications in sport in society.

SPMG 3665 Communication in Sport 3/0/3

Prerequisite: SPMG 2.50

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 0/9/3

Prerequisite: SPMG 2.50

Field experiences yield the necessity of receiving direction, undertaking responsibility, and demonstrating competence by applying theory learned from course work. Course helps students discover career options and confirm career choices.

SPMG 4584 Pre-Internship Seminar in Sport Management 3/0/3

Prerequisite: SPMG 2.50

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 Sport Marketing and Promotion 3/0/3

Prerequisite: SPMG 2.50

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 3/0/3

Prerequisite: SPMG 2.50

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 3/0/3

Prerequisite: SPMG 2.50

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 4670 Practicum 0/6/3

Prerequisite: SPMG 2.50

Field experiences yield the necessity of receiving direction, undertaking responsibility, and demonstrating competence by applying theory learned from course work. It allows the student to complete a partial fulfillment in their degree program, and will help them discover career options and confirm career choices.

SPMG 4680 Applied Research Methods in Sport Management 3/0/3

Prerequisite: SPMG 2.50

This course introduces students to the concepts and process of research. Both quantitative and qualitative methodologies are discussed. Students will become informed consumers of re-

search and thus develop and 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 0/1.0 - 3.0/1.0 - 3.0

Prerequisite: SPMG 2.50

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 3/0/3

Prerequisite: SPMG 2.50

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: SPMG 2.50 and FE

The internship is the capstone experience of the sport management program. The internship is a full-time commitment and requires the completion of a minimum of 520 hours during the fall and spring semesters or 400 hours during the summer semester. The internship must be performed with a faculty-approved sport property, and intern duties are required to reflect the competencies developed through the sport management academic curriculum

## STEM Courses (STEM)

STEM 3815 Perspectives on Science and Mathematics 3/0/3 Specially designed to meet the needs of future teachers, students design and carry out two lesson plans which they write up and present in the manner that is common in the scientific community. Course is restricted to UTEACH students

## Theatre Courses (THEA)

THEA 1000 Theatre Laboratory 0/1/0

Attendance to all company meetings and all theatre company produced productions as specified by the Theatre Program faculty. All theatre majors and pre-majors required to enroll with a grade of S or U.

THEA 1100 Theatre Appreciation 3/0/3

In introduction for the student of the theatre experience, this course delves into analysis of both the script and the actual performance. Students will also examine current trends in theatre on Broadway, off-Broadway, and in regional companies. The student will be expected to attend and write about 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 1291 Voice and Movement I 3/0/3

THEA 1291: Voice and Movement I is an experiential study of fundamental voice and movement techniques for the actor.

THEA 2050 Self-Staging: Oral Communication in Daily Life 3/0/3

An introduction to the performative basis of oral communication and self-presentation.

THEA 2100 Play Analysis 3/0/3

Prerequisite: 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

Prerequisite: THEA 1111 and THEA 1112

An intermediate study of practical aspects of theatre production.

THEA 2112 Performance and Production 2/0/1

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 through the work of famous designers. Emphasis will be on the use of line, texture, color and shape to create a harmonious look with set, costume, light, props and make-up. Techniques in drawing and modeling will be explored.

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: SPE 103 or THR 103 or THEA 1100 and THEA 2100

This course examines the process toward becoming an actor. Through improvisation, scene study, and monologue work, the student will begin to develop her/his own process toward developing a character.

THEA 2390 Stage Makeup 3/0/3

Prerequisite: THEA 1100

This course introduces students to the theories and principles of stage corrective makeup. Students will be introduced to various stage makeup techniques through class projects and introduction to three dimensional stage makeup.

THEA 3111 Performance and Production 0/2/1

Prerequisite: THEA 2111 and THEA 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 3/0/3

Prerequisite: THEA 2214 and THEA 2290 and THEA 2100 and THEA 3357

A study of the process of designing set and lights for a theatre production. Projects will cover the development of visualizing a concept using computer drafted light plots, floor plans, and elevations. Models and renderings will also be used to present the design. Students will receive hands on experience by building sets and hanging and focusing lights and operating a computer light board for the current Theatre Company production. Prerequisites may be waived with permission of the instructor.

THEA 3290 Costume Design 3/0/3

Prerequisite: THEA 2214 and THEA 2100 and THEA 2290

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. Prerequisites may be waived with permission of the instructor.

THEA 3291 Voice and Movement II 3/0/3

Prerequisite: THEA 1291 and THEA 2291

THEA 3291: Voice and Movement II is a continuation of principles learned in 1291. This course emphasizes intermediate level experimental study of advanced voice and movement techniques for the actor.

THEA 3357 Theatre History I 3/0/3

Prerequisite: THEA 1100 and THEA 2100

Survey of the roots of theatre and drama from the Greek period to Ibsen.

THEA 3392 Acting II 3/0/3

Prerequisite: THEA 2100 and THEA 2291

This course continues the scene and/or monologue study explored in introduction to acting. In addition, this course focuses on the classics style of acting by exploring the Greeks, Shakespeare, and the Restoration.

THEA 3394 Directing 3/0/3

Prerequisite: THEA 1100 and THEA 2291 and THEA 2214 and THEA 2100

An introduction to the major approaches, techniques, processes, and responsibilities associated with directing a play. Projects will include in-class directing. Prerequisites may be waived with permission of the instructor

THEA 3415 Playwriting I: Devised Theatre 3/0/3

Prerequisite: THEA 1100 and THEA 2100

Devised Theatre is an alternative approach to playwriting that emphasizes collaborative ensemble-based writing, community research and outreach, and social and political awareness. Utilizing improvisational techniques, community-oriented research skills and non-textual performance practices, students will explore and write plays based on their communities, interests and concerns. Prerequisites may be waived with the permission of the instructor.

THEA 4111 Production and Performance Capstone 1/4/3

Prerequisite: THEA 1111 and THEA 1112 and THEA 2111 and THEA 2112 and THEA 3111 and THEA 3112

A capstone course designed to build on all experiential work in the students' college career. Topics will vary with instructors. Prerequisites may be waived with permission of the instructor.

THEA 4412 Acting III 3/0/3

Prerequisite: THEA 2291 and THEA 3392

For the graduating actor, 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. Prerequisites may be waived with permission of the instructor.

THEA 4415 Playwriting II 2/0/3

Prerequisite: THEA 1100 and THEA 2100 and THEA 3415

A continuation of THEA 3415, concentrating on the theory and mechanics of traditional playwriting as well as the processes and skills of playwriting as a profession. Students will experience the writing, development and rehearsed reading of performance works.

THEA 4457 Theatre History II 3/0/3

Prerequisite: THEA 1100 and THEA 2100

Study of selected plays, conventions and movements in drama from Ibsen to present.

THEA 4485 Special Topics in Theatre 3/0/3

Course offered on a one-time or experimental basis to examine selected issues related the the Theatre Arts and performance.

THEA 4486 Internship 0/3.0 - 6.0/3.0 - 6.0

Permission of instructor required. Repeatable to a maximum of 6 credit hours. Opportunity for selected students to intern at theatre, film, commercial and entertainment companies.

## First Year University Experience Courses (UWG)

UWG 1101 First Year University Experience 2/0/2

Designed to enhance the first year student's experience adjusting to university life. Critical thinking skills, study skills and the social and cultural life of the State University of West Georgia will be covered.

## UTEACH Courses (UTCH)

UTCH 2001 Inquiry Approaches to Teaching 1/0/1

The purpose of Step 1 is to have students explore teaching experiences in science or mathematics. Students teach science or mathematics lessons in local elementary classrooms and obtain first-hand experience with planning and implementing inquiry-based curriculum. The instructor introduces students to the theory and practice behind inquiry-based science and mathematics instruction and guides them through the process of designing and preparing to teach lessons. The course requires field experiences at local schools and requires a satisfactory result on the College of Education Criminal Background Check.

UTCH 2002 Inquiry Based Lesson Design 1/0/1

Prerequisite: UTCH 2001 with a minimum grade of C

Students who want to explore teaching careers become familiar with the middle school setting by observing and discussing the middle school environment, and by teaching several lessons to a middle school class. They build upon and practice lesson design skills that were developed in Step 1 and also become familiar with excellent science and mathematics curricula for the middle school setting. As a result of the Step 2 experiences, students generally are able to make a decision as to whether they want to pursue a pathway to teacher certification through the UTeach program. UTCH 2001 is a prerequisite for this course.

UTCH 3001 Knowing and Learning in Mathematics and Science Education 3/0/3

Prerequisite: UTCH 2001 with a minimum grade of C and UTCH 2002 with a minimum grade of C

The goal of this course is to develop a powerful tool kit of approaches to knowing and learning in science and mathematics. This course focuses on issues of what it means to learn and know science and mathematics. A 2.5 gpa is required for this course.

#### UTCH 3002 Classroom Interactions 3/0/3

Prerequisite: UTCH 3001 with a minimum grade of C

This course continues the process of preparing pre-service teaching candidates to teach mathematics and science in secondary settings by providing opportunities to see how theories explored in Knowing and Learning play out in instructional settings. You will design and implement instructional activities informed by your own understanding of what it means to know and learn mathematics and science, and then evaluate the outcomes of those activities on the basis of student artifacts (i.e., what students say, do, or create). A 2.5 gpa is required for this course..

#### UTCH 3003 Project Based Instruction 3/0/3

Prerequisite: UTCH 3001 with a minimum grade of C and UTCH 3002 with a minimum grade of C and FE

The course Project-Based Instruction PBI supports continued development as a teacher, building on your previous UTeach courses. PBI provides opportunities to observe and teach in the secondary science or mathematics classroom, continuing field experiences from UTCH 2001, UTCH 2002, and Classroom Interactions. PBI also provides the basis for building on the theoretical knowledge base of the courses Knowing & Learning and Classroom Interactions. This course will also provide opportunities to generate artifacts for a professional portfolio to meet requirements for teacher certification. This course aims to help close the research-practice gap by developing your capacity to identify and evaluate best teaching practices as presented in research literature.

#### UTCH 3004 Inclusive Secondary Mathematics and Science Classrooms 3/0/3

Prerequisite: UTCH 3001 with a minimum grade of C and UTCH 3002 with a minimum grade of C and UTCH 3003 with a minimum grade of C and TE

This course engages students in observations, interactions, and analyses of educational issues related to inclusive secondary Mathematics and Science classrooms. The course includes a thorough examination and practice of instructional strategies and accommodations required to meet the needs of students with special needs in inclusion settings. Application of reading and writing strategies to support content acquisition is emphasized. This course will satisfy the requirement of course work in the identification and education of children with special education needs as mandated by Georgia House Bill 671.

#### UTCH 4000 Apprentice Teaching 9/0/9

Prerequisite: UTCH 3001 with a minimum grade of C and UTCH 3002 with a minimum grade of C and UTCH 3003 with a minimum grade of C and FE

The course requires Candidates to teach for one full semester in the public schools at the secondary level under the supervision of an experienced, qualified classroom teacher. Weekly 90 minute seminars are scheduled on campus as an integral part of the Apprentice Teaching experience. In a supportive environment Apprentice Teachers share their experiences and work on solutions for difficulties they are experiencing. They learn about legal and logistical issues in teaching, become familiar with how the diverse components of a high school or middle school are organized into a highly effective system, and prepare for the GACE Exams. For their final product, Apprentice Teachers submit a portfolio, which documents their progress toward meeting the GA PSC standards for new teachers.

## Interdisciplinary Courses (XIDS)

### XIDS 1004 Oral and Technological Communication 4/0/4

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 What Do You Really Know About: XXX Special Topics 1/0/1

Selected topics and themes posing a question addressed using the tools and assumptions of a variety of disciplines.

### XIDS 2002 What Do You Really Know About: XXX Special Topics 2/0/2

Selected topics and themes posing a question addressed using the tools and assumptions of a variety of disciplines.

### XIDS 2100 Arts and Ideas: Special Topics 3/0/3

This course is an overview of the interdependent and interdevelopmental character of movements in the arts and historical/philosophical ideas. The course may be team-taught with a multivariable format which includes lecture-discussion, open discussion among the instructors, tapes, and presentations.

### XIDS 2201 Science Foundations 3/3/4

This is an interdisciplinary approach to general science knowledge for the non-major student. Instructors from the four major branches of Natural Science present lectures from each of their perspectives. The laboratory is used to extend the lectures into other relevant topics.

### 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.

### XIDS 2300 Interdisciplinary Studies in Social Sciences 3/0/3

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.

### 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

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, non science, 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: Exemption Credit or ENGL 1102 with a minimum grade of C

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**

An interdisciplinary capstone course for those who have taken one or more legal studies classes. This course will provide an integrative experience which synthesizes knowledge from previous coursework in legal studies as well as provide a forum for actual production of documentation required for the legal process, active research which results in that documentation, practicing interviewing and examination techniques, as well as an opportunity to get actively involved in the drama of the courtroom.

# GENERAL FACULTY 2014-2015

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- AANSTOOS, CHRISTOPHER MICHAEL, B.A. (Michigan State University), M.A., Ph.D. (Duquesne University), *Professor of Psychology*
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- 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 Director of First year Writing*
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- BAR, BONNIE BELL, B.S. (Medical College of Georgia), M.S.N. (Georgia State University), *Associate Professor, Nursing*
- BARNHART, ANNE C., B.A., M.A., M.A., (Indiana University), M.S. University of Illinois at Urbana-Champaign), *Associate Professor and Head of Instructional Services*
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- BOHANNON, KEITH S., B.A., M.A. (University of Georgia), Ph.D. (Pennsylvania State University), *Associate Professor of History*
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- de NIE, MICHAEL W., B.A. (Lehigh University), M.A., Ph.D. (University of Wisconsin, Madison), *Professor of History*
- DENG, LIQIONG, B.A., M.A. (Fudan University-China), Ph.D. (Texas A & M), *Associate Professor of Management*
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# FACULTY EMERITI 2014-2015

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- COBB, SUZANNE E., B.M.E. (Troy State University), M.A., Ed.D. (University of Alabama),  
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<http://www.advancedacademy.org/>

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**Department of Clinical and Professional Studies**

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**Department of Computer Science**

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**Department of Criminology**

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**Department of Economics**

<http://www.westga.edu/econ/>

**Department of Educational Technology and Foundations**

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**Engineering Studies Program**

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### **Learning Resources Center**

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<http://www.westga.edu/lst/>

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### **Minor in Film Studies**

<http://www.westga.edu/~bbrickma/Film/index.html>

### **MyUWG**

<http://myuwg.westga.edu/cp/home/loginf>

### **New Student Orientation**

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

### **Newnan Center**

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**Perspective (UWG's Online Magazine)**

<http://www.uwgperspective.com>

**Philosophy Program**

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

**Publications and Printing (Your On-Campus Copy Center)**

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**Richards College of Business**

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**School Improvement**

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<http://www.bf.westga.edu/sfs/>

**Student Government Association**

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

**Student Information Services**

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

**Student Information Technology Services**

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

**Tanner Health System School of Nursing**

<http://nursing.westga.edu>

**TechHUB**

<http://techub.westga.edu/>

**Theatre**

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

**Townsend Center for the Performing Arts**

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**University of West Georgia "Bread and Butter" Goals**

<http://www.westga.edu/~spc/phase3/BB.html>

**University of West Georgia Police Department**

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**University of West Georgia Visionary Goals: The "Three Fives"**

<http://www.westga.edu/~spc/phase3/3x5.html>

**UWG Catalogues, Handbooks & Policies**

<http://www.westga.edu/policies/>

**UWG Online**

<http://uwgonline.westga.edu>

**West Georgia Wolves (Sports)**

<http://www.uwgsports.com>

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<http://www.thewestgeorgian.com/>

**Wolves Card Office**

<http://www.westga.edu/wolvesCard/>

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# VISION AND MISSION STATEMENTS FOR UNIVERSITY SYSTEM OF GEORGIA

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"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	Director of Admissions — 678-839-5600
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
General Information	678-839-5000
Housing and Residence Life	Director of Residence Life — 678-839-6426
*Scholarship and Student Aid	Director of Financial Aid — 678-839-6421
Transcripts and Academic Records	Registrar — 678-839-6438

*\*Individuals, organizations, or business firms desiring to contribute funds for scholarships and other purposes are invited to contact the University of West Georgia Foundation, Inc. Telephone 678-839-6582.*

## 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.

## **University Police**

All emergencies (fire, medical, crimes in progress) should be reported to the University Police. The University Police will respond to all calls for assistance and coordinate the response of other emergency personnel as needed.

The University community is encouraged to report any on-campus crime for which they are a victim or witness. The University Police investigates 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 Student Judiciary.

The University Police operate the campus warning network (Wolf Alert) and Wolf Guardian which is a service that turns your cell phone into a campus panic button. Both services are free and you can register for both by logging into the Portal and clicking on the icons within the University Police Box. Information about campus crime (Clery Act) can be found on the web page as well.

**University Police Emergency - Area 678-839-6000 (24/7/365)**

**Criminal Investigations - Are 678-839-4974 (8:00am to 5:00pm- Monday through Friday)**

**Administration - 678-839-6252 (8:00am to 5:00pm - Monday through Friday)**

**Web Page: <http://www.westga.edu/police/index.php>**

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